Baseline Water Quality Data

Inventory and Analysis

Monocacy National Battlefield



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

MONOCACY NATIONAL BATTLEFIELD

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-99/253

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United States Department of the Interior
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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Monocacy National Battlefield (MONO) 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; ten drinking water intakes; ten active or inactive U. S. Geological Survey (USGS) and U. S. National Weather Service stream gages; and four water impoundments. The results of the STORET retrieval for the study area yielded 19,534 observations for 615 separate parameters collected by the NPS, USGS, EPA, and Maryland Department of Natural Resources (MDNR) at 98 monitoring stations from 1953 through 1996. Approximately 75 percent of the 19,534 observations within the study area were collected by the USGS from 1953 through 1996. Of the 98 monitoring stations, six stations were located within the park boundary (see Station Period of Record Tabulation). Forty-seven of the 98 stations contained data locked by the MDNR[†]. These locked data are not included in the 19,534 total observations retrieved from STORET for the MONO study area. Five stations within the study area (none within the park boundary) were established but contained no data.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Four stations within the study area, but outside of 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 longer-term records within the study area are: (1) Monocacy River at the Reich's Ford Road Bridge near Frederick (MONO 0034); (2) Monocacy River at the Reels Mill Road (Reich's Ford Road) Bridge (MONO 0044); (3) Monocacy River Bridge at Reels Mill Road (Reich's Ford Road) (MONO 0040); and (4) Spring near Fort Detrick Military Reservation (MONO 0086)[††].

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 MONO water quality criteria screen found 13 groups of

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

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

parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cyanide, cadmium, copper, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Cyanide, nitrate, cadmium, lead, and atrazine exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 434 times at 38 monitoring stations from 1969 through 1996. Of the 336 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), one concentration of 3.6 milligrams per liter (mg/L) in the Monocacy River at the U. S. Route 40 Bridge near Bartonsville (MONO 0028) was less than the 4 mg/L EPA criterion for the protection of freshwater aquatic life in August 1969.

The pH was measured 610 times at 38 monitoring stations from 1953 through 1996. Of the 518 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 16 observations at six stations, in the Monocacy River (MONO 0025, MONO 0034, MONO 0040, MONO 0044) and two springs (MONO 0012, MONO 0098), were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1956 through 1994. Eight observations were greater than or equal to pH 9.0 and eight observations were less than or equal to pH 6.5. All eight observations greater than or equal to pH 9.0 were reported at two stations in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034, MONO 0040) from 1968 through 1994, including the highest pH of 9.3 SU (MONO 0040) in July 1994. The lowest pH of 6.1 SU was reported in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034) in February 1966.

Turbidity was measured 236 times at 12 monitoring stations from 1969 through 1996. Of the 220 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 24 concentrations at seven stations in the Monocacy River (MONO 0028, MONO 0032, MONO 0034, MONO 0035, MONO 0040, MONO 0044, MONO 0055) equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1969 through 1995. Nineteen of the 24 concentrations that exceeded the criterion were reported at the Reich's Ford Road Bridge (MONO 0034, MONO 0040, MONO 0044) from 1973 through 1995. The highest concentration of 450 JTU was reported at the U. S. Route 40 Bridge near Bartonsville (MONO 0028) in August 1969.

Total coliform concentrations were measured 175 times at nine monitoring stations in the Monocacy River from 1969 through 1995. Of the 77 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 54 concentrations at the nine stations (MONO 0026, MONO 0028, MONO 0031, MONO 0032, MONO 0035, MONO 0040, MONO 0044, MONO 0055, MONO 0070) exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1969 through 1995. Approximately 76 percent of the 54 concentrations that exceeded the criterion were reported at the Reich's Ford Road Bridge (MONO 0040, MONO 0044) from 1978 through 1995. The highest reported concentration of at least 160,900 MPN/100 ml was reported eight times at five stations (MONO 0028, MONO 0032, MONO 0035, MONO 0055, MONO 0070) during July and August 1969. Fecal coliform concentrations were measured 312 times at 14 monitoring stations from 1969 through 1995. Of the 245 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 168 concentrations at the 14 stations exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1969 through 1995. Approximately 89 percent of the concentrations that exceeded the criterion were reported in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034, MONO 0040, MONO 0044) from 1969 through 1995. The highest reported concentration of at least 160,900 MPN/100 ml was reported six times at five monitoring stations in the Monocacy River (MONO 0028, MONO 0032, MONO 0035, MONO 0055, MONO 0070) during July and August 1969.

Total cyanide concentrations were measured five times in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034) from 1969 through 1973. One concentration of 2 mg/L exceeded the acute freshwater criterion of .022 mg/L and the drinking water criterion of .2 mg/L in September 1973.

Nitrate concentrations (including dissolved and total as N and dissolved and total as NO_3) were measured 488 times at 31 monitoring stations from 1953 through 1996. Of the 405 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), two dissolved concentrations, 49 mg/L as NO_3 and 11 mg/L as N, exceeded their respective drinking water criteria of 44 mg/L for nitrate as NO_3 or 10 mg/L for nitrate as N at a spring station approximately 1/2 mile east of the Gas House Pike and Boyers Mill Road intersection (MONO 0012) in May 1970.

Cadmium concentrations (including dissolved and total) were measured 135 times at five monitoring stations (MONO 0026, MONO 0034, MONO 0039, MONO 0061, MONO 0086) from 1969 through 1989. Seven total concentrations, ranging from 4 micrograms per liter (µg/L) to 5 µg/L in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034), exceeded the acute freshwater criterion of 3.9 µg/L from February through October 1978. Four of these seven concentrations also equaled the drinking water criterion of 5 µg/L.

Copper concentrations (including dissolved and total) were also measured 135 times at five monitoring stations (MONO 0026, MONO 0034, MONO 0039, MONO 0061, MONO 0086) from 1969 through 1989. Four concentrations, ranging from 18 µg/L to 30 µg/L in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034), equaled or exceeded the acute freshwater criterion of 18 µg/L from 1969 through 1978. The highest concentration of 30 µg/L was reported in July 1976.

Lead concentrations (including dissolved and total) were measured 137 times at five monitoring stations (MONO 0026, MONO 0034, MONO 0039, MONO 0061, MONO 0086) from 1969 through 1991. Twenty-three total concentrations in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034) equaled or exceeded the drinking water criterion of 15 µg/L from 1973 through 1978. The highest concentration of 48 µg/L was reported in September 1973.

Total silver concentrations were measured 121 times in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034) from 1974 through 1979. Two concentrations of 5 µg/L exceeded the acute freshwater criterion of 4.1 µg/L in September 1974 and October 1978.

Zinc concentrations (including dissolved and total) were measured 140 times at five monitoring stations (MONO 0026, MONO 0034, MONO 0039, MONO 0061, MONO 0086) from 1969 through 1990. Two total concentrations, 300 µg/L and 140 µg/L in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034), exceeded the acute freshwater criterion of 120 µg/L in March and July 1974, respectively.

Atrazine concentrations (including dissolved and whole water) were measured 12 times at four monitoring stations (MONO 0018, MONO 0020, MONO 0034, MONO 0086) from 1990 through 1996. Three dissolved concentrations, ranging from 6 µg/L to 7.9 µg/L in the Monocacy River at the Reich's Ford Road Bridge (MONO 0034), exceeded the drinking water criterion of 3 µg/L in June 1996.

The IDEA conducted for MONO indicates that STORET data exist for all 13 of the Level I parameter groups in the study area. For five groups (Alkalinity, Water Temperature, Flow, Sulfates/Total Dissolved Solids/Hardness, and Toxic Elements) less than 22 percent of the observations were recorded since 1985. Overall, approximately 26 percent of the observations for Level 1 parameter groups were recorded since 1985. Data for seven groups (Alkalinity, Flow, Phosphate/Phosphorus, Clarity/Turbidity, Chlorophyll, Bacteria, and Toxic Elements) were reported at less than half of the 46 monitoring stations with data. Relative to other parameter groups, data were limited for the group Chlorophyll. Results for 52 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, and pesticides) were retrieved from STORET.

Surface water resources in the MONO study area include the Monocacy River; Bush, Ballenger, Carroll, Linganore, and numerous other creeks and runs; Lake Linganore and many other smaller impoundments; some ponds; and many springs. Although the data inventories and analyses contained in this report reveal a shortage of observations measured at stations within the park, approximately 83 percent of the data in the study area were collected at three stations at Reich's Ford Road Bridge (MONO 0034, MONO 0040, MONO 0044) about one mile north of the park. From the available data, surface waters within the study area appear to have been impacted by

human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; urban and residential development; stormwater runoff; agricultural activities; quarrying and mining operations; and atmospheric deposition.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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Horizon Systems:

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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.

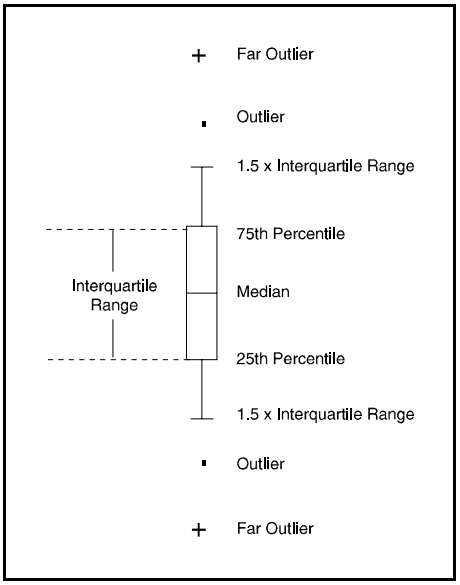
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 $\mu eq/l\ H^+$; and (3) $\mu eq/l\ H^+$. 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 $\mu eq/l\ H^+$ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as $\mu eq/l\ H^+$, 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 MONO

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:	90857	1603
# STORET Stations:	98	6
# Stations With No Data:	5	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	4	0
Date of STORET Retrieval:	08/18/99	08/18/99
Period of Record:	04/14/53-09/28/96	07/28/69-09/28/96
# Parameters Measured:	615	35
# Water Quality Observations:	19534	131
# Industrial/Municipal Facilities:	15	0
# Drinking Water Intakes:	10	0
# Water Gages:	10	0
# Water Impoundments:	4	0
# Total Plots:	101	0
# Time Series:	33	0
# Annual:	27	0
# Seasonal:	41	0

Hydrologic Definition of Seasons::

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

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 6 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.

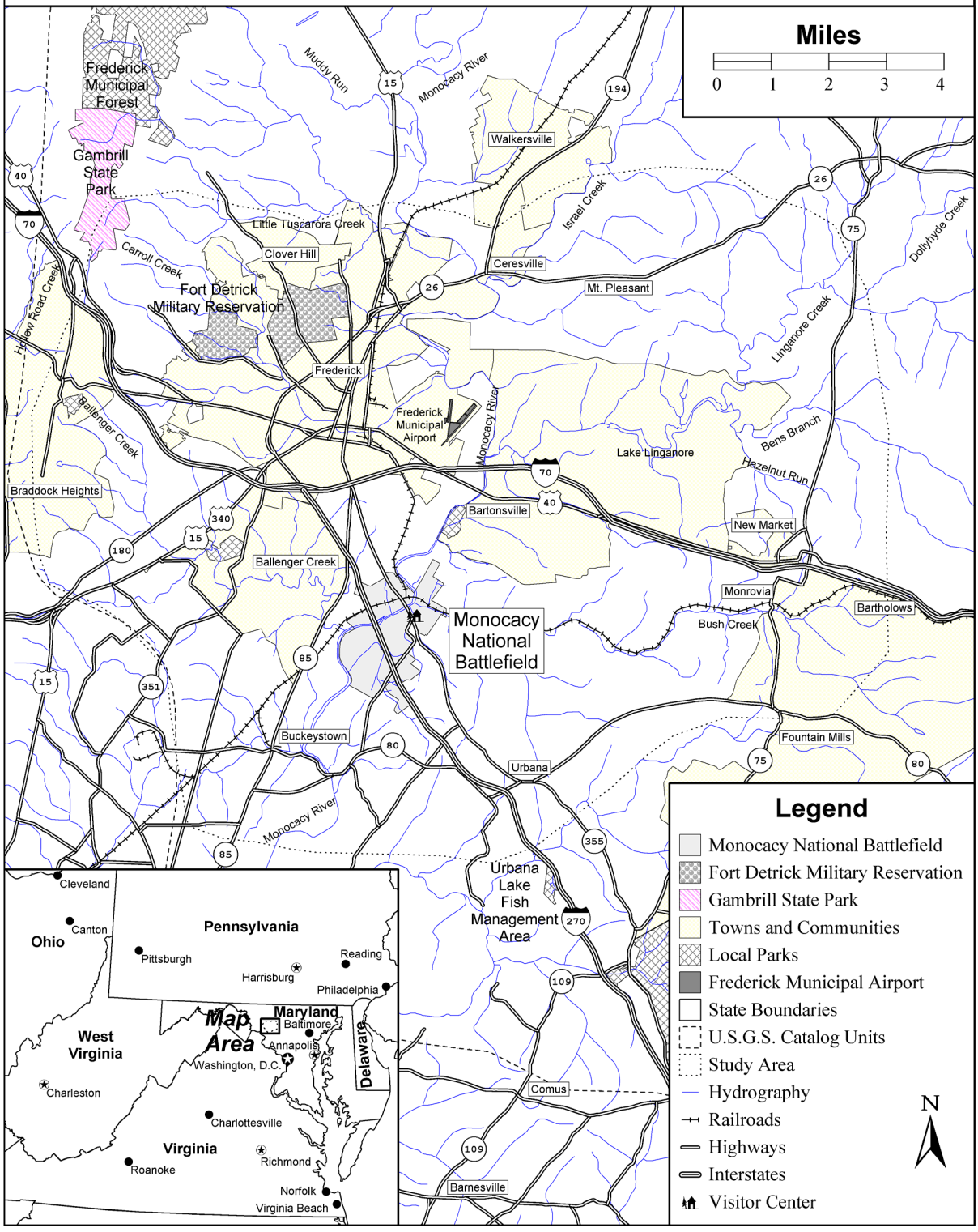
Seasonal Analysis Criteria:

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 18 years and observations in at least 4 of the 18 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.

Monocacy National Battlefield

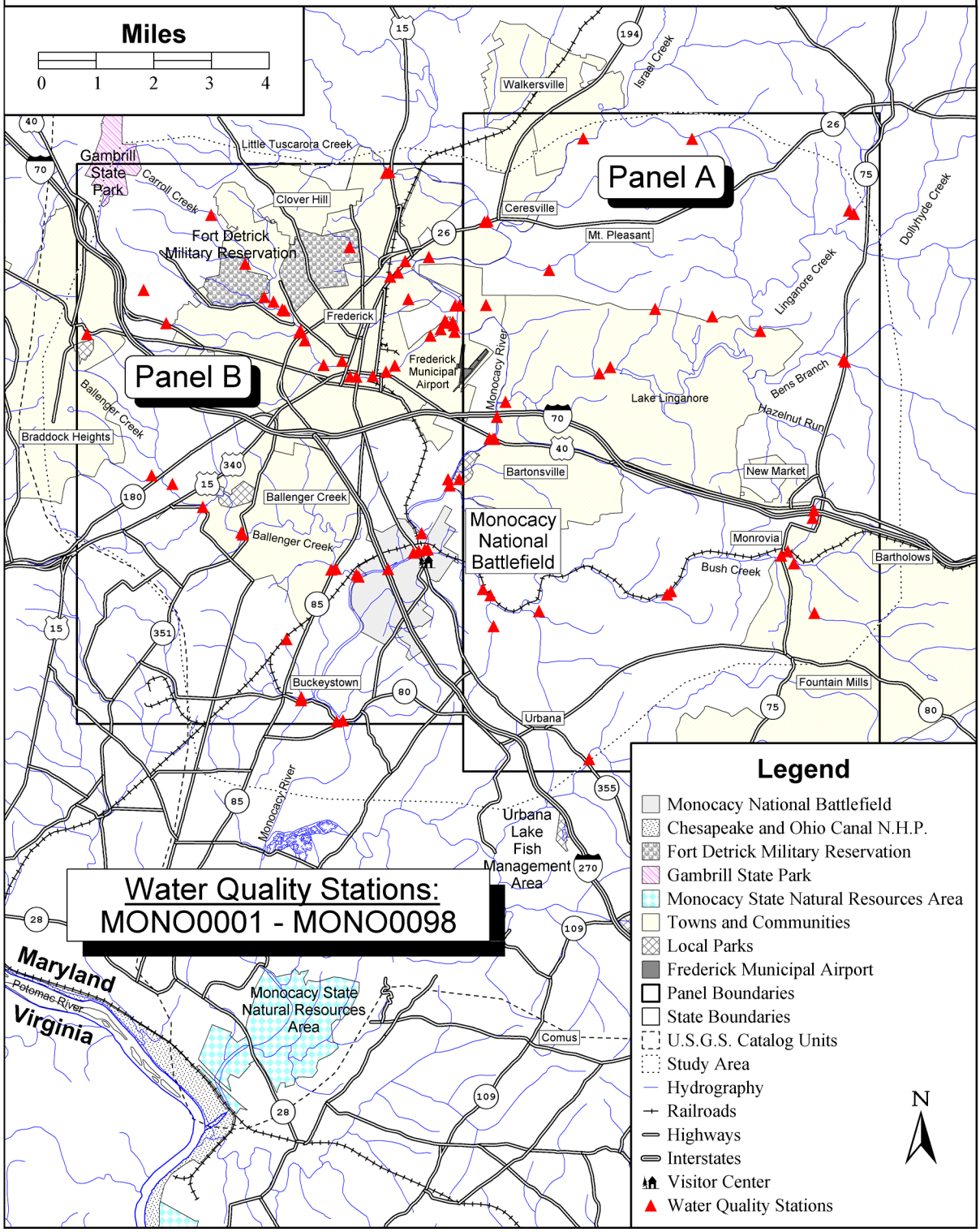
Regional Location Map



Monocacy National Battlefield

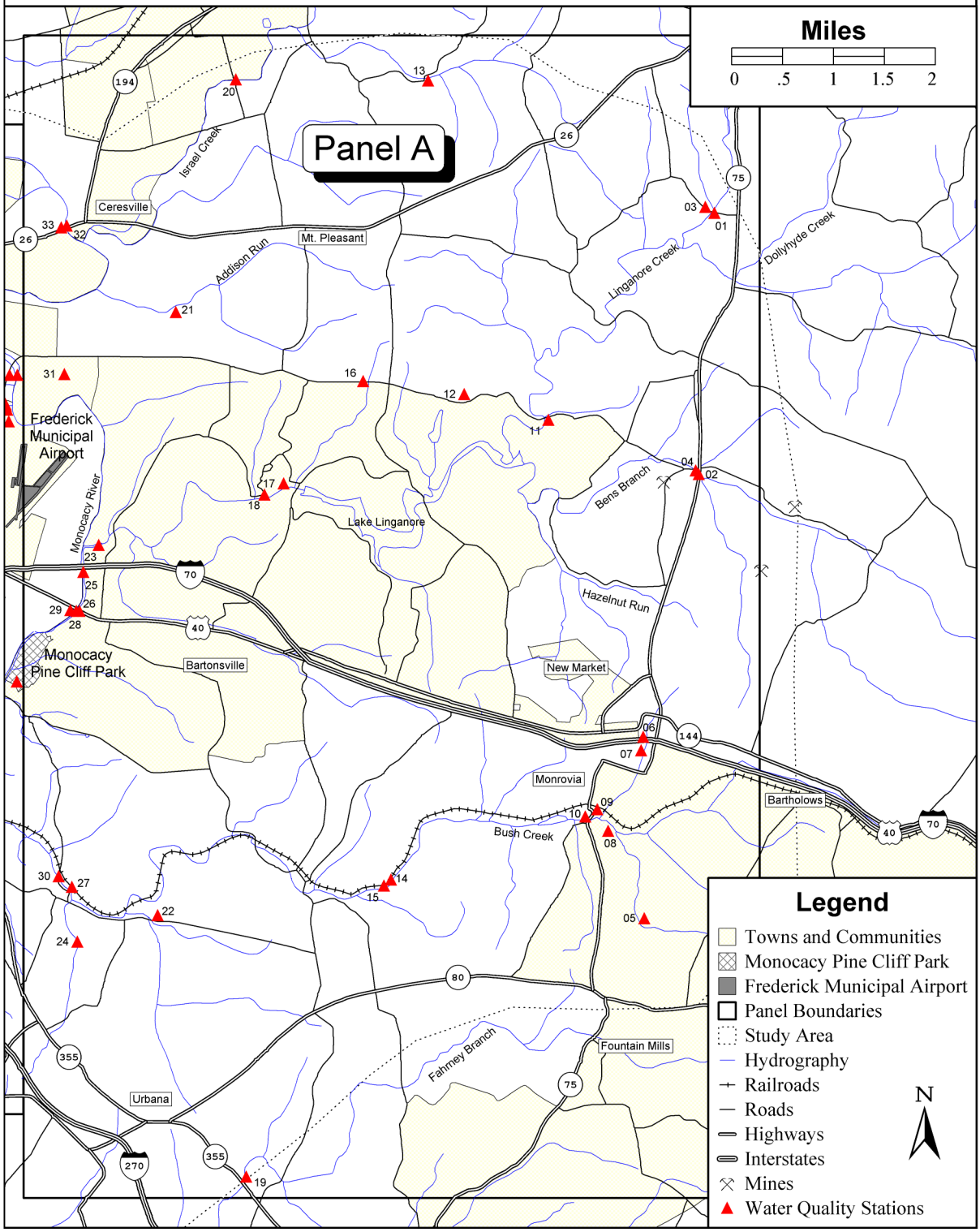
Water Quality Monitoring Locations

Graphic Panel Index



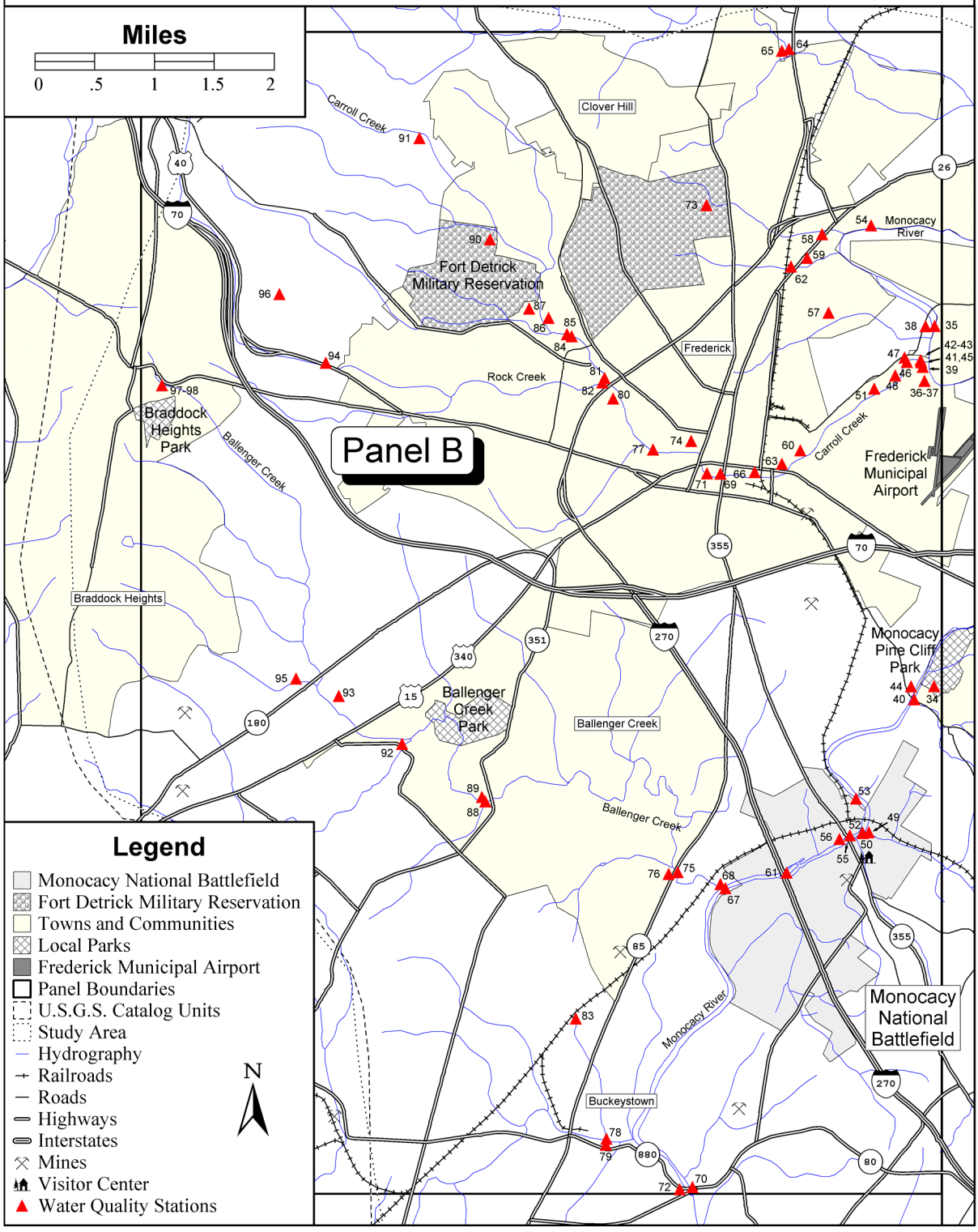
Monocacy National Battlefield

Water Quality Monitoring Locations



Monocacy National Battlefield

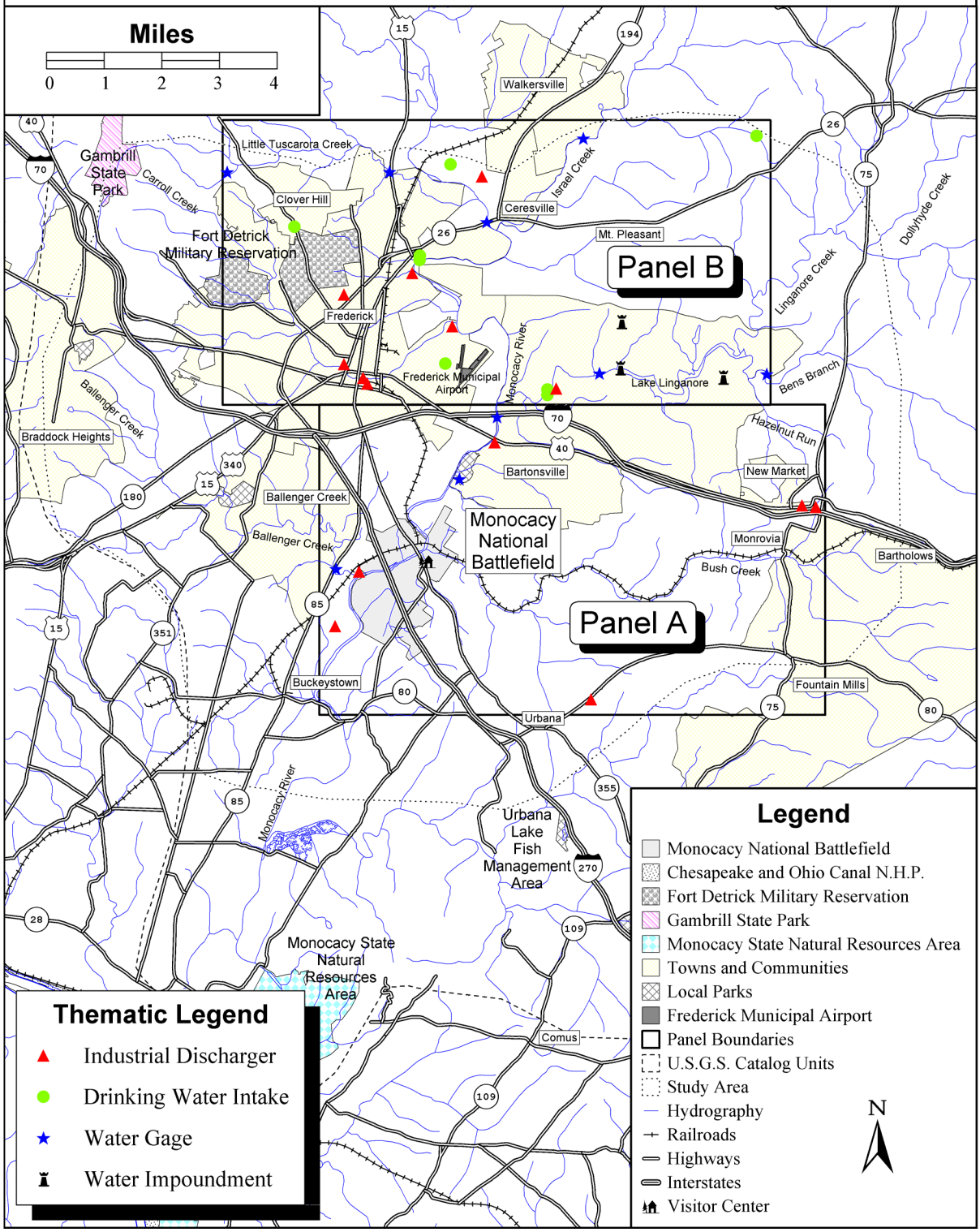
Water Quality Monitoring Locations



Monocacy National Battlefield

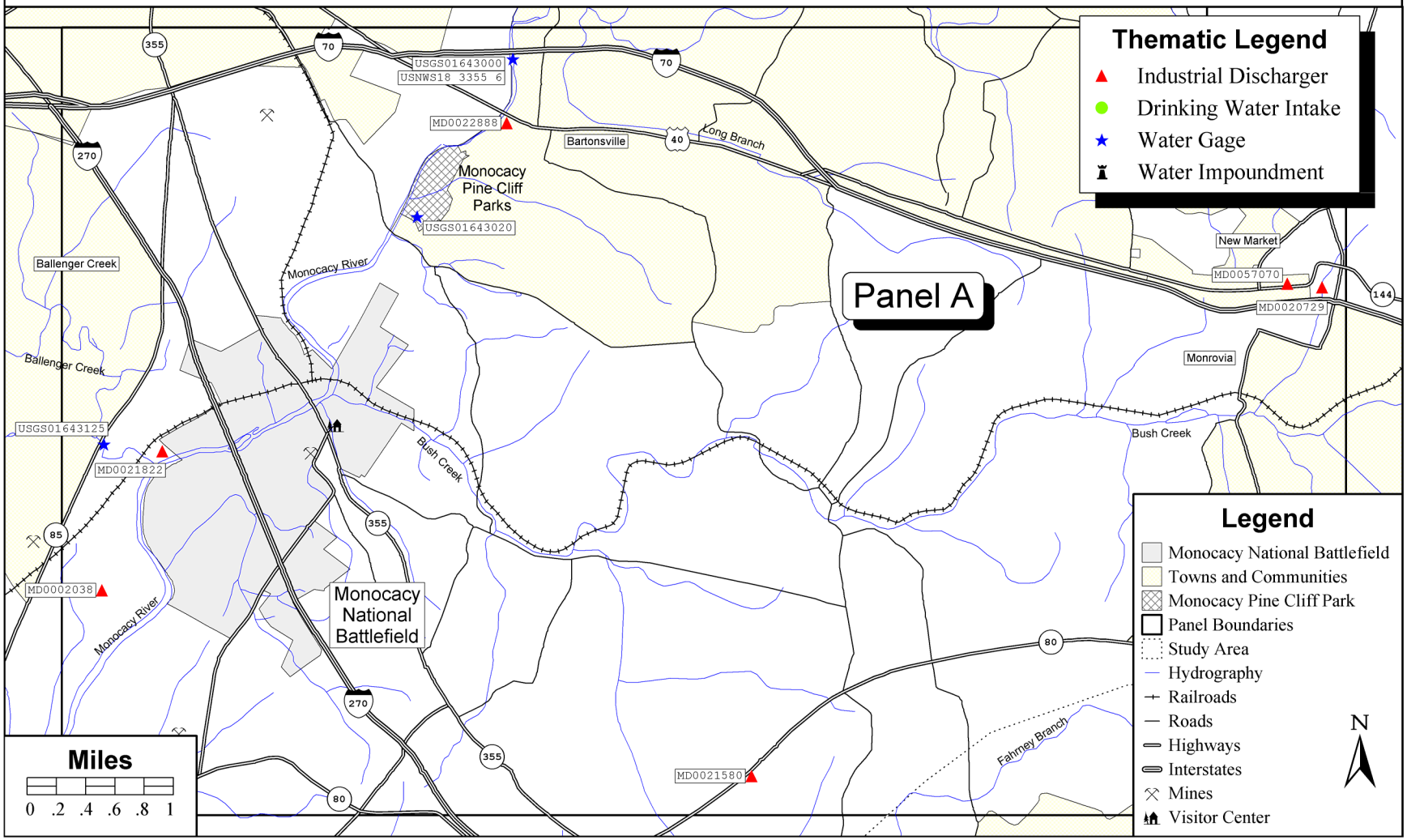
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



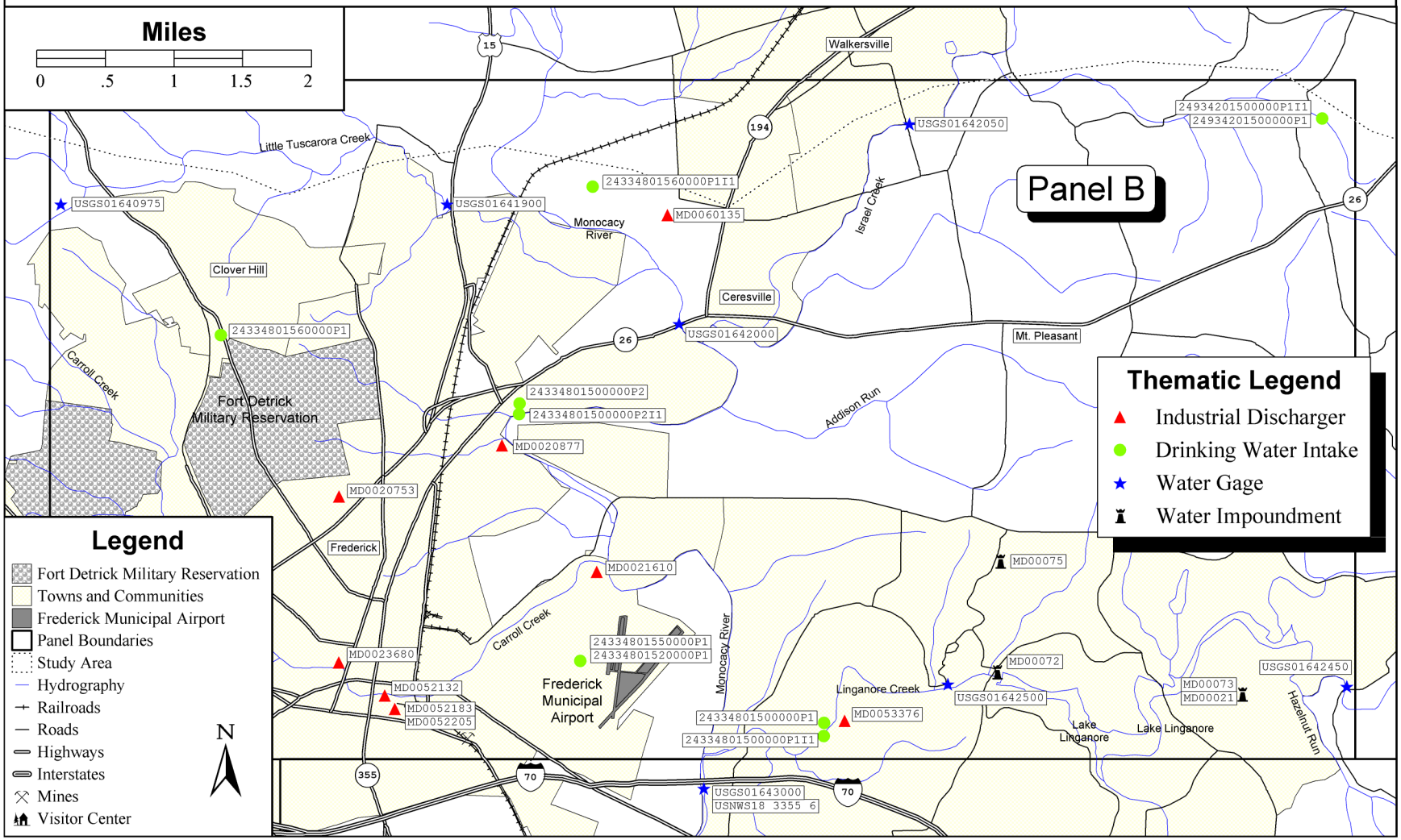
Monocacy National Battlefield

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Monocacy National Battlefield

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
MD0002038	COPLAY CEMENT COMPANY	P. O. BOX D	FREDERICK	ROCKY MTN RUN
MD0020729	NEW MARKET SEWER SYSTEM	WINCHESTER HALL	FREDERICK	DAVIS BRANCH, A TRIB OF BUSH C
MD0020753	FREDERICK CO METRO DIST ARCADI	RT 85	FREDERICK	MONOCACY RIVER
MD0020877	US DEPARTMENT OF THE ARMY FT D	BUILDING 201 HSHD EH	FREDERICK	MONOCACY RIVER
MD0021580	FREDERICK COUNTY METROPOLITAN	WINCHESTER HALL	FREDERICK	MONOCACY RIVER
MD0021610	FREDERICK CITY WWTP	CITY HALL	FREDERICK	MONOCACY RIVER,CARROLL CREEK
MD0021822	FREDERICK CO. WATER & SEWER	12 E. CHURCH STREET	FREDERICK	MONOCACY RIVER
MD0022888	LAKE SPRING WATER COMPANY	12 EAST CHURCH STREET	FREDERICK	MONOCACY RIVER
MD0023680	I70 REST STOP			
MD0052132	PACKAGING CORPORATION OF AMERI	4 WATER ST	FREDERICK	CARROLL CREEK
MD0052183	MCCUTCHEON APPLE PRODUCTS, INC	13 SOUTH WISNER ST	FREDERICK	CARROLL CREEK
MD0052205	JENKINS FOODS CORP	8 COMMERCE ST	FREDERICK	CARROLL CREEK
MD0053376	LAKE LINGANORE	12 EAST CHURCH STREET	FREDERICK	FOUCHE BR
MD0057070	CHESAPEAKE & POTOMAC TELEPHONE	FEDERAL ST & N ALLEY	NEW MARKET	TR TO BUSH C
MD0060135	ROTOREX CO	P O BOX 1168	WALKERSVILLE	TRIB TO MONOCACY R

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
24334801500000P1	LINGANORE TRTMT PLT	FREDERICK	28000	0000.00
24334801500000P1I1	LINGANORE CREEK	FREDERICK	28000	0000.00
24334801500000P2	MONOCACY RIVER PLNT	FREDERICK	28000	0000.00
24334801500000P2I1	MONOCACY RIVER	FREDERICK	28000	0000.00
24334801520000P1	.....	FREDERICK	1400	0000.00
24334801550000P1	.....	FREDERICK	300	7000.00
24334801560000P1	TREATMENT PLANT	FREDERICK	2000	
24334801560000P1I1	MONACY RIVER	FREDERICK	2000	
24934201500000P1	TREATMENT PLANT	WALKERSVILLE	1300	
24934201500000P1I1	RESERVOIR #1	WALKERSVILLE	1300	

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS01641900	TUSCARORA C NR FREDE	Stream	16.50		
USGS01642050	ISRAEL C NR WALKERSV	Stream	29.00		
USGS01642450	BENS B NR NEW MARKET	Stream	11.80		
USGS01642500	LINGANORE C NR FREDERICK, MD	Stream	82.30	1931	1982
USGS01643000	MONOCACY R AT JUG BRIDGE NR FREDERICK, MD	Stream	817.00	1929	1998
USGS01643125	BALLENGER C NR LIME	Stream			
USNWS18 3355 6	FREDERICK MD ON MONO	Stream	817.00		
USGS01640975	HUNTING C NR THURMONT,MD	Stream	7.08	1982	1986
USGS01642000	MONOCACY R NR FREDERICK, MD	Stream	665.00	1896	1930
USGS01643020	MONOCACY R AT REICHS FORD BRIDGE NR FREDERICK	Stream		1985	1989

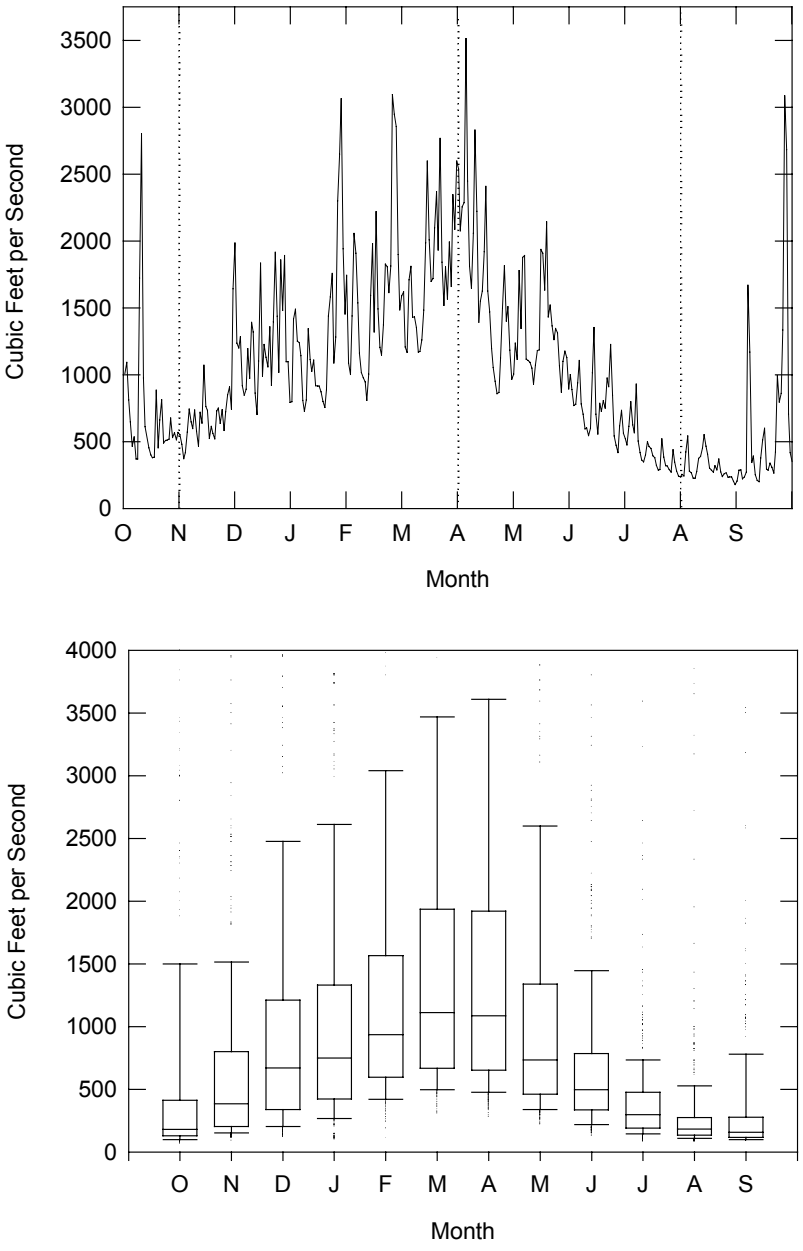
Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the MONO Study Area

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
MD00021	LAKE LINGANORE DAM	BROSIUS HOMES INC.	Rec.	Earth	High	1972
MD00072	MEADOWLAKE DAM	THE LAKE LINGANORE ASSOC	Rec.	Earth	Low	1971
MD00073	PINEHURST DAM (UPPER)	THE LAKE LINGANORE ASSOC	Rec.	Earth	Low	1973
MD00075	HAUL ROAD DAM	THE LAKE LINGANORE ASSOC	Rec.	Earth	Low	1972

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

MONOCACY NATIONAL BATTLEFIELD
Monocacy River at Jug Bridge near Frederick, MD; 01643000
Graph displays water years 1973 to 1990 (post upstream dam construction)



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 Monocacy National Battlefield are: Aug. 1 to Oct. 31, Nov. 1 to Mar. 31, and Apr. 1 to Jul. 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR MONO

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21MDEXP	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
1113PPWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
12NSS	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(541)754-4427	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
1112A9WQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MDOEP	HUANG, TALLY	MD DEPT OF NAT RESOURCES	(410)260-8643	
21MD	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
1113UPEN	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	

QUANTITY OF DATA RETRIEVED FOR MONO 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
11NPSWRD	NATIONAL PARK SERVICE	05/25/77-09/28/96	09/21/96-09/28/96	18	2	0	0	0	0	238	48	29	12
21MDEXP	MARYLAND DEPT OF NAT RES	No Data in S.A.	No Data in Park	47	2	0	0	47	2	0	0	0	0
1113PPWQ	USEPA REGION 3	07/28/69-08/18/69	07/28/69-08/18/69	5	1	0	0	0	0	103	20	11	11
12NSS	EPA ENVIRONMENTAL RES LAB	03/27/86-03/27/86	No Data in Park	2	0	0	0	0	0	4	0	2	0
112WRD	US GEOLOGICAL SURVEY	04/14/53-06/21/96	No Data in Park	16	0	2	0	1	0	14682	0	542	0
1112A9WQ	USEPA REGION 3	05/23/72-04/16/73	05/23/72-04/16/73	4	1	0	0	0	0	187	63	24	21
21MDOEP	MD DEPT OF NAT RESOURCES	10/31/79-12/06/95	No Data in Park	1	0	1	0	0	0	3657	0	77	0
21MD	MARYLAND DEPT OF NAT RES	07/24/78-10/01/82	No Data in Park	1	0	1	0	0	0	663	0	48	0
1113UPEN	USEPA REGION 3	No Data in S.A.	No Data in Park	4	0	0	0	4	0	0	0	0	0
Totals		04/14/53-09/28/96	07/28/69-09/28/96	98	6	4	0	52	2	19534	131	615	35

[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 04/14/53 To 09/28/96

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75
MONO0001	TOWN B NR LIBERTYTOWN, MD	No	31	31	0	0
MONO0002	BENS BRANCH SITE FR-P-411-305	No	11	11	0	0
MONO0003	ARTIE KEMP ROAD X-ING, 1.5 MILE SOUTH OF LIBE	No	0	0	0	0
MONO0004	BENS B AT NEW LONDON, MD	No	33	33	0	0
MONO0005	CHURCH BRANCH OF BUSH CREEK FR-P-275-239	No	11	11	0	0
MONO0006	50 YARDS ABOVE STP,BETWEEN MD 144 AND US 40,EAS	No	0	0	0	0
MONO0007	75 YARDS BELOW STP, JUST SOUTH OF US 40	No	0	0	0	0
MONO0008	300 YARDS ABOVE UFH AND MONROVIA ATCABLE X-ING	No	0	0	0	0
MONO0009	25 YARDS ABOVE BUSH CREEK	No	0	0	0	0
MONO0010	150 YARDS BELOW UFH,MD. ROUTE 75 BRIDGE IN MON	No	0	0	0	0
MONO0011	LINGANORE C NR MCKAIG, MD	No	33	33	0	0
MONO0012	FR Df 11	No	9	0	0	9
MONO0013	ISRAEL C TR NR WALKERSVILLE, MD	No	23	23	0	0
MONO0014	BUSH CREEK SITE FR-P-545-325	No	11	11	0	0
MONO0015	BUSH CREEK SITE FR-P-545-345	No	11	11	0	0
MONO0016	BRIDGE ON GAS HOUSE PIKE	No	0	0	0	0
MONO0017	AT THE END OF QUINN ROAD USGS GAGING STATION	No	0	0	0	0
MONO0018	LINGANORE C NR FREDERICK, MD	No	780	75	421	284
MONO0019	BENNETT CREEK SITE FR-P-015-304	No	11	11	0	0
MONO0020	ISRAEL C NR WALKERSVILLE, MD	No	251	78	173	0
MONO0021	ADDISON RUN SITE FR-P-409-210	No	11	11	0	0
MONO0022	MDFR526R	No	12	0	12	0
MONO0023	JUST ABOVE MOUTH OF LINGANORE CREEK	No	0	0	0	0
MONO0024	TRIBUTARY TO BUSH CREEK SITE FR-P-360-220	No	11	11	0	0
MONO0025	MONOCACY R AT JUG BRIDGE NR FREDERICK, MD	No	524	60	189	275
MONO0026	MONOACY AT RT 40 111	No	51	0	0	51
MONO0027	BUSH CREEK SITE FR-P-421-306	No	11	11	0	0
MONO0028	MONOCACY R. US 40 BR BARTONSVILL	No	21	0	0	21
MONO0029	JUG BRIDGE US ROUTE 40 WEST USGS GAGING STATION-	No	0	0	0	0
MONO0030	BUSH C AT REELS MILL, MD	No	152	0	152	0
MONO0031	MONOCACY RIV E OF FREDRICK 110	No	31	0	0	31
MONO0032	MONOCACY R. RTE 26 BR CERESVILLE	No	21	0	0	21
MONO0033	CERESVILLE BRIDGE ON MARYLAND ROUTE 26	No	0	0	0	0
MONO0034[1]	MONOCACY R AT REICHS FORD BRIDGE NR FREDERICK	No	11807	1458	5919	4430
MONO0035	MONOCACY R. BR NEAR FREDERIK STP	No	21	0	0	21
MONO0036	250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARG	No	0	0	0	0
MONO0037	250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARG	No	0	0	0	0
MONO0038	BRIDGE ON GAS HOUSE PIKE	No	0	0	0	0
MONO0039	STP FREDRICK OFF GASHOOSE PIKE	No	42	0	0	42
MONO0040[1]	MONOCACY RIVER BRIDGE ON REELS MILL ROAD	No	3657	2426	1231	0
MONO0041	PKG.CORP.OF AMER.FREDERICK EFF#1	No	0	0	0	0
MONO0042	AT MOUTH	No	0	0	0	0
MONO0043	MOUTH OF CREEK AT THE FREDERICK SEWAGE TREATMENT	No	0	0	0	0
MONO0044[1]	BRIDGE ON REELS MILL ROAD	No	663	0	663	0
MONO0045	PKG.CORP.OF AMER.FREDERICK EFF#2	No	0	0	0	0
MONO0046	PKG.CORP.OF AMER.FREDERICK UPSTR	No	0	0	0	0
MONO0047	BRIDGE TO THE FREDERICK SEWAGE TREATMENT PLANT	No	0	0	0	0
MONO0048	FIRST FARM ABOVE MOUTH	No	0	0	0	0
MONO0049	BUSH CREEK APPROX. 100 M UPSTREAM OF MONOCACY	Yes	24	24	0	0
MONO0050	AT CONFLUENCE OF BUSH CREEK AND MONOCACY RIVER	Yes	24	24	0	0
MONO0051	0.5 MILE BELOW HIGHLAND ST.BRIDGE, NEAR FAIRVIEW	No	0	0	0	0
MONO0052	AT THE MOUTH OF BUSH CREEK	Yes	0	0	0	0
MONO0053	RR BRIDGE CROSSING THE MONOACACY JUST ABOVE BUSH	No	0	0	0	0
MONO0054	FREDERICK MONOCACY RIVER WATER PLANT	No	0	0	0	0
MONO0055	MONOCACY R. RTE 355 BR S FREDRCK	Yes	20	0	0	20
MONO0056	BRIDGE ON MARYLAND ROUTE 355	Yes	0	0	0	0
MONO0057	BOWERS ROAD BRIDGE, SE SHOOKSTOWN	No	0	0	0	0
MONO0058	TRIB TO THE MONOCACY RIVER SITE FR-P-335-110	No	11	11	0	0
MONO0059	AT BRIDGE TO FORT DETRICK SEWAGE TREATMENT PLANT	No	0	0	0	0
MONO0060	HIGHLAND ST. BRIDGE	No	0	0	0	0
MONO0061	MONOCACY RIV AT RT 7 OS	Yes	63	0	0	63
MONO0062	AT BRIDGE ON NORTH MARKET STREET	No	0	0	0	0
MONO0063	EAST PATRICK ST. BRIDGE	No	0	0	0	0
MONO0064	TUSCARORA C NR FREDERICK, MD	No	175	0	175	0
MONO0065	BRIDGE ON US ROUTE 15	No	0	0	0	0
MONO0066	BELOW EAST ST. BRIDGE	No	0	0	0	0
MONO0067	MONOCACY RIVER AT MCKINNEY FORD	No	24	24	0	0
MONO0068	250 YDS ABOVE MOUTH OF BALLENGER CK/50 FT ABOVE	No	0	0	0	0
MONO0069	SOUTH MARKET ST. BRIDGE	No	0	0	0	0
MONO0070	MONOCACY R. RTE 80 BR E BUKYSTWN	No	20	0	0	20
MONO0071	SOUTH COURT ST. BRIDGE	No	0	0	0	0

Station Period of Record Tabulation
From 04/14/53 To 09/28/96

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75
MONO0072	BRIDGE ON MARYLAND ROUTE 80	No	0	0	0	0
MONO0073	FR De 2	No	21	0	0	21
MONO0074	FREDERICK MUNICIPAL TAP WATER	No	0	0	0	0
MONO0075	BALLENGER C NR LIME KILN, MD	No	129	0	129	0
MONO0076	BRIDGE ON US ROUTE 15	No	0	0	0	0
MONO0077	FOOT BRIDGE TO MUNICIPAL POOL	No	0	0	0	0
MONO0078	NO NAME	No	2	2	0	0
MONO0079	ABOVE MOUTH OF STREAM ALONG MARYLAND ROUTE 80	No	0	0	0	0
MONO0080	BAKER PARK BRIDGE	No	0	0	0	0
MONO0081	JUST ABOVE UNNAMED TRIB.UFI,ALSO KNOWN AS ROCK	No	0	0	0	0
MONO0082	AT MOUTH, 1 MILE NE STATE POLICE	No	0	0	0	0
MONO0083	NO NAME	No	2	2	0	0
MONO0084	BAUGHMAN'S LANE BRIDGE,JUST INSIDE CITY LIMITS	No	0	0	0	0
MONO0085	ABOVE DRAIN BEHIND FRED.CAR WASH, NE OF WILSON	No	0	0	0	0
MONO0086[1]	FR Dd 178	No	695	658	37	0
MONO0087	MONTEVUE LANE,0.1 MILE SOUTH OF MONTEVUE STA.	No	0	0	0	0
MONO0088	BALLENGER CREEK SITE FR-P-429-307	No	11	11	0	0
MONO0089	BRIDGE ON BALLENGER CREEK PIKE	No	0	0	0	0
MONO0090	ROCK SPRINGS RD. BRIDGE,NW MONTEVUESTATION,1ST X	No	0	0	0	0
MONO0091	BRIDGE ON OLD RECEIVER RD.,NW OF ROCKY SPRINGS	No	0	0	0	0
MONO0092	BALLENGER CREEK SITE FR-P-103-230	No	11	11	0	0
MONO0093	BALLENGER CREEK SITE FR-P-349-204	No	11	11	0	0
MONO0094	BRIDGE ON US 40,0.5 MILE N OF BRADDOCK	No	0	0	0	0
MONO0095	TRIBUTARY TO BALLENGER CREEK SITE FR-P-277-115	No	11	11	0	0
MONO0096	TRIBUTARY TO BALLENGER CREEK SITE FR-P-100-117	No	11	11	0	0
MONO0097	FR Dd 11	No	0	0	0	0
MONO0098	FR Dd 11	No	19	0	0	19

[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 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12	0	0	12	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	829	175	362	292	43	4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	451	130	230	91	13	0
00023	SAMPLE WEIGHT IN POUNDS	14	0	14	0	2	0
00024	SAMPLE LENGTH IN INCHES	12	0	12	0	1	0
00025	BAROMETRIC PRESSURE (MM OF HG)	29	29	0	0	4	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	127	73	53	1	13	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	149	73	73	3	15	0
00032	CLOUD COVER (PERCENT)	78	78	0	0	1	0
00035	WIND VELOCITY (MILES PER HOUR)	4	4	0	0	1	0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	2	2	0	0	1	0
00041	WEATHER (WMO CODE 4501)	203	80	101	22	2	0
00049	SURFACE AREA IN SQUARE MILES	46	0	0	46	2	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	2	2	0	0	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	223	10	68	145	5	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	563	47	256	260	11	0
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	62	62	0	0	1	0
00065	STAGE, STREAM (FEET)	218	44	100	74	3	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	137	0	100	37	6	1
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	64	10	54	0	1	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	99	82	17	0	6	2
00080	COLOR (PLATINUM-COBALT UNITS)	104	4	30	70	10	0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	1	0	0	1	1	0
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	2	2	0	0	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	165	104	61	0	15	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	362	56	154	152	31	0
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	62	62	0	0	1	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	20	20	0	0	17	2
00300	OXYGEN, DISSOLVED MG/L	414	124	208	82	21	2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	82	9	73	0	2	0
00310	BOD, 5 DAY, 20 DEG C MG/L	207	63	104	40	9	3
00311	BOD, DISSOLVED, 5 DAY MG/L	10	0	0	10	5	1
00335	COD, .025N K2CR2O7 MG/L	116	0	93	23	1	0
00340	COD, .25N K2CR2O7 MG/L	5	0	5	0	1	0
00400	PH (STANDARD UNITS)	494	131	211	152	21	1
00403	PH, LAB, STANDARD UNITS SU	96	51	45	0	26	0
00405	CARBON DIOXIDE (MG/L AS CO2)	191	0	84	107	4	0
00406	PH, FIELD, STANDARD UNITS SU	20	20	0	0	17	2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	349	89	138	122	14	1
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	16	16	0	0	7	0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	7	0	0	7	4	1
00440	BICARBONATE ION (MG/L AS HCO3)	207	8	82	117	11	0
00445	CARBONATE ION (MG/L AS CO3)	98	0	25	73	2	0
00449	BICARBONATE,INCREMENTAL TITRATION,(HCO3) LAB MG/L	2	2	0	0	1	0
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	7	7	0	0	1	0
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	4	4	0	0	1	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	18	18	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	89	80	9	0	2	0
00500	RESIDUE, TOTAL (MG/L)	20	0	20	0	1	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	66	10	56	0	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	223	86	116	21	6	2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	112	0	90	22	1	0
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	5	0	5	0	1	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	1	1	0	0	1	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	1	1	0	0	1	0
00600	NITROGEN, TOTAL (MG/L AS N)	266	83	163	20	7	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	2	0	2	0	2	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	185	9	156	20	2	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	176	117	57	2	9	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	174	11	116	47	18	2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	107	106	0	1	9	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	218	21	173	24	10	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	175	96	0	79	22	2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	208	10	174	24	3	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	26	21	5	0	6	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	347	116	184	47	21	2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	272	93	130	49	21	2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	38	29	8	1	11	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11	0	0	11	1	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	174	94	64	16	13	3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	352	123	203	26	13	0

Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	28	23	5	0	7	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	37	29	8	0	11	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	265	88	144	33	13	1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	35	35	0	0	15	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	20	20	0	0	1	0
00690	CARBON, TOTAL (MG/L AS C)	11	0	0	11	4	1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	5	0	0	5	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	192	0	91	101	11	0
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	152	0	51	101	5	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	227	36	97	94	12	0
00916	CALCIUM, TOTAL (MG/L AS CA)	100	0	78	22	1	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	227	36	97	94	12	0
00926	MAGNESIUM, SUSPENDED (MG/L AS MG)	1	0	1	0	1	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	100	0	78	22	1	0
00929	SODIUM, TOTAL (MG/L AS NA)	101	0	79	22	1	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	224	36	98	90	12	0
00931	SODIUM ADSORPTION RATIO	180	0	90	90	7	0
00932	SODIUM, PERCENT	179	0	90	89	7	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	1	0	0	1	1	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	222	36	97	89	11	0
00937	POTASSIUM, TOTAL MG/L AS K)	100	0	78	22	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	270	36	115	119	13	0
00945	SULFATE, TOTAL (MG/L AS SO4)	287	50	115	122	30	1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	164	36	34	94	12	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	186	36	57	93	12	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	4	4	0	0	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	111	0	89	22	1	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	3	0	3	0	3	0
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	14	0	14	0	2	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	4	4	0	0	1	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	4	4	0	0	1	0
01022	BORON, TOTAL (UG/L AS B)	5	5	0	0	1	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7	4	0	3	2	0
01027	CADMIUM, TOTAL (UG/L AS CD)	128	0	100	28	5	1
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	0	3	0	3	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	0	3	0	3	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	5	4	0	1	2	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	125	0	100	25	2	0
01035	COBALT, DISSOLVED (UG/L AS CO)	4	4	0	0	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	7	4	0	3	2	0
01042	COPPER, TOTAL (UG/L AS CU)	128	0	100	28	5	1
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	3	0	3	0	3	0
01044	IRON, SUSPENDED (UG/L AS FE)	31	0	31	0	7	0
01045	IRON, TOTAL (UG/L AS FE)	208	9	130	69	13	1
01046	IRON, DISSOLVED (UG/L AS FE)	115	36	76	3	10	0
01049	LEAD, DISSOLVED (UG/L AS PB)	8	5	0	3	2	0
01051	LEAD, TOTAL (UG/L AS PB)	129	1	100	28	5	1
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	3	0	3	0	3	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	3	0	3	0	3	0
01054	MANGANESE, SUSPENDED (UG/L AS MN)	73	0	73	0	6	0
01055	MANGANESE, TOTAL (UG/L AS MN)	216	9	130	77	12	1
01056	MANGANESE, DISSOLVED (UG/L AS MN)	118	36	78	4	11	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	4	4	0	0	1	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	4	4	0	0	1	0
01067	NICKEL, TOTAL (UG/L AS NI)	1	0	1	0	1	0
01077	SILVER, TOTAL (UG/L AS AG)	121	0	99	22	1	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	5	4	1	0	2	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	11	4	4	3	2	0
01092	ZINC, TOTAL (UG/L AS ZN)	129	5	96	28	5	1
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	3	0	3	0	3	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	128	4	100	24	2	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	13	4	6	3	3	0
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	5	0	5	0	2	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	4	4	0	0	1	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	4	4	0	0	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	3	0	3	0	3	0
01501	ALPHA, TOTAL	1	0	0	1	1	0
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	1	0	0	1	1	0
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	1	0	0	1	1	0
03501	BETA, TOTAL	1	0	0	1	1	0

Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	2	0	0	2	1	0
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	1	0	0	1	1	0
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	6	6	0	0	2	0
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	0
22703	URANIUM, NATURAL, DISSOLVED	1	0	1	0	1	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	148	61	83	4	4	0
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	27	17	0	10	6	1
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	60	10	40	10	6	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	63	51	12	0	2	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	127	17	42	68	4	0
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	62	4	58	0	5	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	61	4	57	0	5	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	64	0	43	21	1	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	5	5	0	0	1	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	5	5	0	0	1	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	5	5	0	0	1	0
32104	BROMOFORM,WHOLE WATER,UG/L	5	5	0	0	1	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	5	5	0	0	1	0
32106	CHLOROFORM,WHOLE WATER,UG/L	5	5	0	0	1	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	67	62	0	5	6	1
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	78	78	0	0	1	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	62	62	0	0	1	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	62	62	0	0	1	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	79	79	0	0	1	0
32230	CHLOROPHYLL A (MG/L)	133	0	113	20	2	0
32231	CHLOROPHYLL B (MG/L)	94	0	78	16	1	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	4	0	0	4	1	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	5	5	0	0	1	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	5	5	0	0	1	0
34253	A-BHC-ALPHA DISSUG/L	6	6	0	0	2	0
34301	CHLOROBENZENE TOTWUG/L	5	5	0	0	1	0
34311	CHLOROETHANE TOTWUG/L	5	5	0	0	1	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	12	0	12	0	1	0
34371	ETHYLBENZENE TOTWUG/L	5	5	0	0	1	0
34413	METHYL BROMIDE TOTWUG/L	5	5	0	0	1	0
34418	METHYL CHLORIDE TOTWUG/L	5	5	0	0	1	0
34423	METHYLENE CHLORIDE TOTWUG/L	5	5	0	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	5	5	0	0	1	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	5	5	0	0	1	0
34496	1,1-DICHLOROETHANE TOTWUG/L	5	5	0	0	1	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	5	5	0	0	1	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	5	5	0	0	1	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	5	5	0	0	1	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	5	5	0	0	1	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	5	5	0	0	1	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	5	5	0	0	1	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	5	5	0	0	1	0
34561	1,3-DICHLOROPROPENE TOTWUG/L	5	5	0	0	1	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	5	5	0	0	1	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	5	5	0	0	1	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	5	5	0	0	1	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34653	P,P'-DDE DISSUG/L	6	6	0	0	2	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	5	5	0	0	1	0
34670	PCB - 1260 WET WGTTISMG/KG	14	0	14	0	2	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	14	0	14	0	2	0
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	12	0	12	0	1	0
34685	ENDRIN WET WGTTISMG/KG	14	0	14	0	2	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	14	0	14	0	2	0
34687	HEPTACHLOR WET WGTTISMG/KG	14	0	14	0	2	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	14	0	14	0	2	0
34691	TOXAPHENE WET WGTTISMG/KG	14	0	14	0	2	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	5	5	0	0	1	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	5	5	0	0	1	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY,SED,BOT,	1	1	0	0	1	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34800	ARSENIC,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34805	BARIUM,SED,BOT,	1	1	0	0	1	0
34810	BERYLLIUM,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34816	BISMUTH,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34825	CADMIUM,SED,BOT,	1	1	0	0	1	0
34830	CALCIUM,SED,BOT,	1	1	0	0	1	0
34835	CERIUM,SED,BOT,	1	1	0	0	1	0
34840	CHROMIUM,SED,BOT,	1	1	0	0	1	0
34845	COBALT,SED,BOT,	1	1	0	0	1	0
34850	COPPER,SED,BOT,	1	1	0	0	1	0
34855	EUROPIUM,SED,BOT,	1	1	0	0	1	0
34860	GALLIUM,SED,BOT,	1	1	0	0	1	0
34870	GOLD,SED,BOT,	1	1	0	0	1	0
34875	HOLMIUM,SED,BOT,	1	1	0	0	1	0
34880	IRON,SED,BOT,	1	1	0	0	1	0
34885	LANTHANUM,SED,BOT,	1	1	0	0	1	0
34890	LEAD,SED,BOT,	1	1	0	0	1	0
34895	LITHIUM,SED,BOT,	1	1	0	0	1	0
34900	MAGNESIUM,SED,BOT,	1	1	0	0	1	0
34905	MANGANESE,SED,BOT,	1	1	0	0	1	0
34910	MERCURY,SED,BOT,	1	1	0	0	1	0
34915	MOLYBDENUM,SED,BOT,	1	1	0	0	1	0
34920	NEODYMIUM,SED,BOT,	1	1	0	0	1	0
34925	NICKEL,SED,BOT,	1	1	0	0	1	0
34930	NIOBIUM,SED,BOT,	1	1	0	0	1	0
34935	PHOSPHORUS,SED,BOT,	1	1	0	0	1	0
34940	POTASSIUM,SED,BOT,	1	1	0	0	1	0
34945	SCANDIUM,SED,BOT,	1	1	0	0	1	0
34950	SELENIUM,SED,BOT,	1	1	0	0	1	0
34955	SILVER,SED,BOT,	1	1	0	0	1	0
34960	SODIUM,SED,BOT,	1	1	0	0	1	0
34965	STRONTIUM,SED,BOT,	1	1	0	0	1	0
34970	SULFUR,SED,BOT,	1	1	0	0	1	0
34975	TANTALUM,SED,BOT,	1	1	0	0	1	0
34980	THORIUM,SED,BOT,	1	1	0	0	1	0
34985	TIN,SED,BOT,	1	1	0	0	1	0
35000	URANIUM,SED,BOT,	1	1	0	0	1	0
35005	VANADIUM,SED,BOT,	1	1	0	0	1	0
35010	YTTRIUM,SED,BOT,	1	1	0	0	1	0
35015	YTTERBIUM,SED,BOT,	1	1	0	0	1	0
35020	ZINC,SED,BOT,	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	2	1	0	1	2	0
38401	AMETRYN WATER,DISSUG/L	5	5	0	0	3	0
38535	PROPAZINE WATER,DISSUG/L	5	5	0	0	3	0
38933	CHLORPYRIFOS,DISSOLVED UG/L	6	6	0	0	2	0
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	1	1	0	0	1	0
39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	1	1	0	0	1	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
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12	0	12	0	1	0
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	2	0	2	0	1	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	23	23	0	0	1	0
39105	PERCENT FAT HEXANE EXTRACTION	2	0	2	0	1	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	5	5	0	0	1	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	5	5	0	0	1	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	5	2	3	0	3	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	2	0	2	0	1	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	12	0	12	0	1	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	12	0	12	0	1	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12	0	12	0	1	0
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	1	1	0	0	1	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	7	7	0	0	2	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	7	2	5	0	4	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	5	2	3	0	3	0
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	1	1	0	0	1	0
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	1	1	0	0	1	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	7	7	0	0	2	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	5	2	3	0	3	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	2	3	0	3	0
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	2	3	0	3	0
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	5	2	3	0	3	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	14	0	14	0	2	0
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39415	METOLACHLOR, WATER, DISSOLVED UG/L	11	11	0	0	4	0
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	1	1	0	0	1	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	5	2	3	0	3	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	5	2	3	0	3	0
39497	PCB - 1242 IN FISH OR ANIMALS WET WGT UG/KG	2	0	2	0	1	0
39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	2	0	2	0	1	0
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	1	3	0	3	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	7	7	0	0	2	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	7	7	0	0	2	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	3	0
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	7	7	0	0	2	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	5	2	3	0	3	0
39602	METHYL PARATHION IN FILT. FRAC. WATER SAMP.(UG/L)	1	1	0	0	1	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39632	ATRAZINE DISSOLVED IN WATER PPB	11	11	0	0	4	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	0	3	0	3	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	0	3	0	3	0
39756	MIREX, DISSOLVED (UG/L)	1	1	0	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	5	2	3	0	3	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	0	3	0	3	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12	0	12	0	1	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	2	3	0	3	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	5	2	3	0	3	0
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	11	11	0	0	4	0
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	1	1	0	0	1	0
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	0
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	3	3	0	0	1	0
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	1	1	0	0	1	0
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	1	1	0	0	1	0
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	0
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	0
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	0
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	0
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	0
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	1	1	0	0	1	0
49274	TITANIUM, DRY WT, SIEVE	1	1	0	0	1	0
49275	ALPHA-BHC,D6, DRY WT,SIEVE	1	1	0	0	1	0
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	1	1	0	0	1	0
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	1	1	0	0	1	0
49278	TERPHENYL,D14-,DRY WT,SIEVE	1	1	0	0	1	0
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	1	1	0	0	1	0
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	1	1	0	0	1	0
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	1	1	0	0	1	0
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	0
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	0
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	0
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	0
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	0
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	0
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	0
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0

Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49387	PYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	1	1	0	0	1	0
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	1	1	0	0	1	0
49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49400	ISOPHORONE,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	1	1	0	0	1	0
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	1	1	0	0	1	0
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	0
49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	0
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	1	1	0	0	1	0
49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	0
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	1	1	0	0	1	0
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49410	METHYLPHENANTHRENE,DRY WT,SIEVE	1	1	0	0	1	0
49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	1	1	0	0	1	0
49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	1	1	0	0	1	0
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	1	1	0	0	1	0
49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	1	1	0	0	1	0
49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	1	1	0	0	1	0
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	1	1	0	0	1	0
49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	1	1	0	0	1	0
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	1	1	0	0	1	0
49439	BENZENE, O-DICHLORO-,SED,SIEVE	1	1	0	0	1	0
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49443	AZOBENZENE,DRY WT,SED,SIEVE	1	1	0	0	1	0
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	1	1	0	0	1	0
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	1	1	0	0	1	0
49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	0
49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	0
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	0
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	0
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	1	1	0	0	1	0
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	1	1	0	0	1	0
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	1	1	0	0	1	0
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	1	1	0	0	1	0
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	1	1	0	0	1	0
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	1	1	0	0	1	0
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	1	1	0	0	1	0
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	1	1	0	0	1	0
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	1	1	0	0	1	0
50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	6	6	0	0	3	2
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	14	14	0	0	14	0
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	1	0	1	0	1	0
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	1	0	1	0	1	0
61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	6	6	0	0	3	2
61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	6	6	0	0	3	2

Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	14	14	0	0	14	0
70222	WAVE HEIGHT (WMO CODE 1555)	18	18	0	0	1	0
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	6	0	0	6	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	251	27	158	66	10	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	124	0	32	92	7	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	240	0	126	114	6	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	240	0	126	114	6	0
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	3	0	0	3	1	0
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	4	0	0	4	1	0
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	1	0	0	1	1	0
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	1	0	0	1	1	0
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	1	0	0	1	1	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	73	13	19	41	3	0
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	62	10	12	40	3	0
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	54	10	11	33	3	0
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	39	10	7	22	3	0
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	17	7	2	8	2	0
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	10	6	2	2	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	41	13	1	27	3	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	67	14	11	42	3	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	66	13	11	42	3	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	66	13	11	42	3	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	67	14	11	42	3	0
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	8	0	0	8	1	0
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	5	0	0	5	1	0
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	4	0	0	4	1	0
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	2	0	0	2	1	0
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	2	0	0	2	1	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	34	11	21	2	11	0
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	14	0	14	0	1	0
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	14	0	14	0	1	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	1	1	0	0	1	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	1	1	0	0	1	0
71825	ACIDITY, TOTAL (MG/L AS H)	3	0	0	3	1	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11	6	3	2	4	2
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	4	0	0	4	3	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	91	0	0	91	5	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	0	1	1	0
71885	IRON (UG/L AS FE)	10	0	0	10	1	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	55	0	29	26	15	2
71887	NITROGEN, TOTAL, AS NO3 - MG/L	126	0	106	20	6	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	4	4	0	0	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	5	0	1	4	4	1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	3	0	3	0	3	0
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	14	0	14	0	2	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	14	0	14	0	2	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	14	0	14	0	2	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	14	0	14	0	2	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	14	0	14	0	2	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	14	0	14	0	2	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	59	10	0	49	6	0
72006	SAMPLING CONDITION CODE (BM WELL DATA)	10	10	0	0	1	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	2	2	0	0	2	0
76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	1	1	0	0	1	0
77128	STYRENE WHOLE WATER,UG/L	5	5	0	0	1	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	5	5	0	0	1	0
77825	ALACHLOR WHOLE WATER,UG/L	1	1	0	0	1	0
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	1	0	0	1	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	129	34	19	76	3	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	86	0	19	67	3	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	2	2	0	0	2	0
81551	XYLENE WHL WATER SMPL UG/L	5	5	0	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	15	0	15	0	2	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	14	0	14	0	2	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	14	0	14	0	2	0
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	1	1	0	0	1	0
81826	BHC(BENZENE HEXACHLORIDE) FISH TISS WET WGT MG/KG	2	0	2	0	1	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	5	2	3	0	3	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	2	0	2	0	1	0
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	2	0	2	0	1	0
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	14	0	14	0	2	0

Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Parameter Code	Name	Total Obs	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	3	0	3	0	2	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	1	1	0	0	1	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	1	1	0	0	1	0
82303	RADON 222, TOTAL IN WATER PC/L	1	1	0	0	1	0
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	1	0	1	0	1	0
82342	TRITHION, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82344	METHYLTRITHION, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82346	ETHION, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82348	PERTHANE, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82350	METHOXYCHLOR, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82354	ENDOSULFAN, DISSOLVED IN WATER UG/L	1	1	0	0	1	0
82360	NAPTHALENES,POLYCHLORINATED DISSOLVED IN WATR UG/L	1	1	0	0	1	0
82398	SAMPLING METHOD (CODES)	10	10	0	0	1	0
82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	11	11	0	0	4	0
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	6	6	0	0	2	0
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	6	6	0	0	2	0
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	3	3	0	0	2	0
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	6	6	0	0	2	0
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	2	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	14	11	1	2	3	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	14	11	1	2	3	0
84007	ANATOMY ALPHA CODE	14	0	14	0	2	0

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/10/73-04/09/74	1	12	
MONO0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/96-08/09/96	0	1	
MONO0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/96-06/27/96	0	1	
MONO0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-05/20/70	0	1	
MONO0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	0	1	
MONO0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	0	1	
MONO0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	31	116	
MONO0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	0	1	
MONO0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/82-06/27/91	9	5	
MONO0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/96-06/06/96	0	1	
MONO0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/77-05/25/77	0	1	
MONO0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/96-06/10/96	0	1	
MONO0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/59-08/21/87	28	80	
MONO0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	0	3	
MONO0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/96-08/28/96	0	1	
MONO0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
MONO0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-06/15/83	1	4	
MONO0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/73-04/16/73	0	2	
MONO0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
MONO0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	32	357	
MONO0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
MONO0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	0	3	
MONO0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	15	161	
MONO0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/78-04/07/81	2	39	
MONO0049	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	0	2	
MONO0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	0	2	
MONO0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
MONO0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/96-06/06/96	0	1	
MONO0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	0	3	
MONO0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/09/82-06/14/83	1	4	
MONO0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	0	2	
MONO0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
MONO0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/53-04/14/53	0	1	
MONO0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/82-06/15/83	1	4	
MONO0086	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-06/08/94	12	11	
MONO0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/96-08/28/96	0	1	
MONO0092	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/96-06/03/96	0	1	
MONO0093	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/96-06/03/96	0	1	
MONO0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/96-06/10/96	0	1	
MONO0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/96-06/12/96	0	1	
MONO0001	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0004	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0011	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0013	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	0	1	
MONO0018	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	22	100	
MONO0020	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/83-06/27/91	8	3	
MONO0025	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/05/75-08/21/87	11	52	
MONO0030	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/20/83-06/15/83	0	2	
MONO0034	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	29	201	
MONO0040	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	9	76	
MONO0064	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/83-06/14/83	0	2	
MONO0075	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/20/83-06/15/83	0	2	
MONO0086	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/28/89-06/08/94	5	9	
MONO0040	No	00023	SAMPLE WEIGHT IN POUNDS	10/31/79-10/31/79	0	2	
MONO0044	No	00023	SAMPLE WEIGHT IN POUNDS	10/01/79-10/01/82	3	12	
MONO0044	No	00024	SAMPLE LENGTH IN INCHES	10/01/79-10/01/82	3	12	
MONO0013	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	0	1	
MONO0018	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	0	1	
MONO0020	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	0	1	
MONO0034	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/21/93-06/21/96	3	26	
MONO0001	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/27/91-06/27/91	0	1	
MONO0004	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/27/91-06/27/91	0	1	
MONO0011	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/27/91-06/27/91	0	1	
MONO0013	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/27/91-06/27/91	0	1	
MONO0018	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/15/81-08/29/91	9	15	
MONO0020	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/11/82-08/29/91	9	6	
MONO0025	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/14/81-08/21/87	5	22	
MONO0030	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/18/82-06/15/83	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/14/81-06/21/96	14	56	
MONO0064	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/09/82-06/14/83	1	4	
MONO0075	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/82-06/15/83	1	4	
MONO0086	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/28/89-06/08/94	5	11	
MONO0098	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/11/56-05/11/56	0	1	
MONO0001	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/27/91-06/27/91	0	1	
MONO0004	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/27/91-06/27/91	0	1	
MONO0011	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/27/91-06/27/91	0	1	
MONO0012	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/20/70-05/20/70	0	1	
MONO0013	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/27/91-06/27/91	0	1	
MONO0018	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/15/81-08/29/91	9	15	
MONO0020	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/11/82-08/29/91	9	6	
MONO0025	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/14/81-08/21/87	5	22	
MONO0030	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/18/82-06/15/83	1	4	
MONO0034	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/12/78-06/21/96	17	75	
MONO0064	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/09/82-06/14/83	1	4	
MONO0073	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/14/53-04/14/53	0	1	
MONO0075	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/23/82-06/15/83	1	4	
MONO0086	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/21/81-06/08/94	12	12	
MONO0098	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/11/56-05/11/56	0	1	
MONO0040	No	00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	9	78	
MONO0040	No	00035	WIND VELOCITY (MILES PER HOUR)	01/21/91-05/03/95	4	4	
MONO0040	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/21/91-04/05/95	4	2	
MONO0034	No	00041	WEATHER (WMO CODE 4501)	02/27/74-02/14/79	4	123	
MONO0040	No	00041	WEATHER (WMO CODE 4501)	01/27/86-12/06/95	9	80	
MONO0018	No	00049	SURFACE AREA IN SQUARE MILES	03/24/60-06/19/61	1	14	
MONO0025	No	00049	SURFACE AREA IN SQUARE MILES	03/03/59-03/13/62	3	32	
MONO0086	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/27/89-05/03/93	3	2	
MONO0018	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/19/61-11/04/68	7	2	
MONO0034	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	10	142	A
MONO0039	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/16/73-04/16/73	0	1	
MONO0040	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/07/80-12/17/85	5	63	
MONO0044	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/24/78-12/03/79	1	15	
MONO0001	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	0	1	
MONO0004	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	0	1	
MONO0011	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	0	1	
MONO0013	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	0	1	
MONO0018	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	31	115	
MONO0020	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/82-06/27/91	9	5	
MONO0025	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/59-08/21/87	28	84	
MONO0030	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/82-06/15/83	1	4	
MONO0034	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	30	343	
MONO0064	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/09/82-06/14/83	1	4	
MONO0075	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/82-06/15/83	1	4	
MONO0040	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	01/21/91-12/06/95	4	62	
MONO0018	No	00065	STAGE, STREAM (FEET)	10/08/68-01/19/83	14	89	
MONO0025	No	00065	STAGE, STREAM (FEET)	11/05/75-08/21/87	11	48	
MONO0034	No	00065	STAGE, STREAM (FEET)	10/13/66-06/21/96	29	81	
MONO0028	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
MONO0032	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
MONO0034	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	9	127	
MONO0035	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
MONO0055	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
MONO0070	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
MONO0040	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	04/07/80-12/17/85	5	64	
MONO0040	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	9	76	
MONO0044	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/24/78-12/03/79	1	16	
MONO0049	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	0	2	
MONO0050	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	0	2	
MONO0067	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	0	2	
MONO0086	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/21/81-08/21/81	0	1	
MONO0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/19/61-06/13/83	21	6	
MONO0020	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/11/82-06/14/83	1	4	
MONO0025	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/13/62-03/13/62	0	1	
MONO0030	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/18/82-06/15/83	1	4	
MONO0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	21	76	S
MONO0064	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/09/82-06/14/83	1	4	
MONO0073	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/14/53-04/14/53	0	1	
MONO0075	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/23/82-06/15/83	1	3	
MONO0086	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/91-06/08/94	3	4	
MONO0098	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/11/56-05/11/56	0	1	
MONO0034	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/08/69-10/08/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0040	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/08/94-05/03/95	0	2	
MONO0002	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/04/96-03/04/96	0	1	
MONO0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/19/96-03/19/96	0	1	
MONO0014	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0015	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0019	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/19/96-03/19/96	0	1	
MONO0021	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/96-03/06/96	0	1	
MONO0024	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0027	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	15	151	
MONO0058	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/96-03/06/96	0	1	
MONO0088	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0092	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/11/96-03/11/96	0	1	
MONO0093	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0095	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/11/96-03/11/96	0	1	
MONO0096	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	0	1	
MONO0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/96-03/04/96	0	1	
MONO0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	0	1	
MONO0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/96-03/19/96	0	1	
MONO0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	0	1	
MONO0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/70-05/20/70	0	1	
MONO0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	0	1	
MONO0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/61-06/27/91	30	7	
MONO0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/96-03/19/96	0	1	
MONO0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/82-06/27/91	9	5	
MONO0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/96-03/06/96	0	1	
MONO0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/77-05/25/77	0	1	
MONO0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/13/62-03/13/62	0	1	
MONO0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/82-06/15/83	1	4	
MONO0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	34	287	T,A,S
MONO0044	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/78-12/03/79	1	17	
MONO0058	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/96-03/06/96	0	1	
MONO0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/09/82-06/14/83	1	4	
MONO0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/53-04/14/53	0	1	
MONO0075	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/82-06/15/83	1	4	
MONO0086	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-06/08/94	12	11	
MONO0088	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0092	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/96-03/11/96	0	1	
MONO0093	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/96-03/11/96	0	1	
MONO0096	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	0	1	
MONO0098	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/56-05/11/56	0	1	
MONO0040	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/21/91-12/06/95	4	62	
MONO0002	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/96-08/09/96	0	1	
MONO0005	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/27/96-06/27/96	0	1	
MONO0014	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	0	1	
MONO0015	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	0	1	
MONO0019	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	0	1	
MONO0021	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/06/96-06/06/96	0	1	
MONO0024	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/96-06/10/96	0	1	
MONO0027	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/28/96-08/28/96	0	1	
MONO0049	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	0	2	
MONO0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	0	2	
MONO0058	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/06/96-06/06/96	0	1	
MONO0067	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	0	2	
MONO0088	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/28/96-08/28/96	0	1	
MONO0092	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/03/96-06/03/96	0	1	
MONO0093	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/03/96-06/03/96	0	1	
MONO0095	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/96-06/10/96	0	1	
MONO0096	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/96-06/12/96	0	1	
MONO0001	No	00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	0	1	
MONO0004	No	00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	0	1	
MONO0011	No	00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	0	1	
MONO0013	No	00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	0	1	
MONO0018	No	00300	OXYGEN, DISSOLVED MG/L	02/02/82-06/27/91	9	4	
MONO0020	No	00300	OXYGEN, DISSOLVED MG/L	03/11/82-06/27/91	9	4	
MONO0026	No	00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0028	No	00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	0	2	
MONO0030	No	00300	OXYGEN, DISSOLVED MG/L	08/12/82-06/15/83	0	2	
MONO0031	No	00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	0	3	
MONO0032	No	00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	0	2	
MONO0034	No	00300	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	26	197	T,A,S
MONO0035	No	00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	0	2	
MONO0040	No	00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	15	158	
MONO0044	No	00300	OXYGEN, DISSOLVED MG/L	07/24/78-12/01/80	2	18	
MONO0055	Yes	00300	OXYGEN, DISSOLVED MG/L	07/28/69-07/28/69	0	1	
MONO0061	Yes	00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	0	3	
MONO0064	No	00300	OXYGEN, DISSOLVED MG/L	03/09/82-06/14/83	1	3	
MONO0070	No	00300	OXYGEN, DISSOLVED MG/L	07/28/69-07/28/69	0	1	
MONO0075	No	00300	OXYGEN, DISSOLVED MG/L	03/23/82-06/15/83	1	3	
MONO0086	No	00300	OXYGEN, DISSOLVED MG/L	04/17/91-06/08/94	3	4	
MONO0034	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/28/82-02/24/83	0	3	
MONO0040	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/07/80-11/06/85	5	79	
MONO0026	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/72-04/16/73	0	4	
MONO0031	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/72-04/16/73	0	3	
MONO0034	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	9	125	
MONO0039	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/72-04/16/73	0	4	
MONO0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	15	63	
MONO0049	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	0	2	
MONO0050	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	0	2	
MONO0061	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-05/25/72	0	2	
MONO0067	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	0	2	
MONO0028	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
MONO0032	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
MONO0035	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
MONO0055	Yes	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
MONO0070	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
MONO0034	No	00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	5	116	
MONO0034	No	00340	COD, .25N K2CR2O7 MG/L	12/20/78-02/14/79	0	5	
MONO0001	No	00400	PH (STANDARD UNITS)	06/27/91-06/27/91	0	1	
MONO0004	No	00400	PH (STANDARD UNITS)	06/27/91-06/27/91	0	1	
MONO0011	No	00400	PH (STANDARD UNITS)	06/27/91-06/27/91	0	1	
MONO0012	No	00400	PH (STANDARD UNITS)	05/20/70-05/20/70	0	1	
MONO0013	No	00400	PH (STANDARD UNITS)	06/27/91-06/27/91	0	1	
MONO0018	No	00400	PH (STANDARD UNITS)	06/19/61-06/27/91	30	7	
MONO0020	No	00400	PH (STANDARD UNITS)	03/11/82-06/27/91	9	5	
MONO0022	No	00400	PH (STANDARD UNITS)	05/25/77-05/25/77	0	1	
MONO0025	No	00400	PH (STANDARD UNITS)	03/13/62-03/13/62	0	1	
MONO0026	No	00400	PH (STANDARD UNITS)	05/25/72-05/25/72	0	1	
MONO0030	No	00400	PH (STANDARD UNITS)	03/18/82-06/15/83	1	4	
MONO0034	No	00400	PH (STANDARD UNITS)	01/07/62-06/21/96	34	282	T,A,S
MONO0039	No	00400	PH (STANDARD UNITS)	05/25/72-05/25/72	0	1	
MONO0040	No	00400	PH (STANDARD UNITS)	04/07/80-12/06/95	15	148	
MONO0044	No	00400	PH (STANDARD UNITS)	07/24/78-12/03/79	1	16	
MONO0061	Yes	00400	PH (STANDARD UNITS)	05/23/72-05/25/72	0	2	
MONO0064	No	00400	PH (STANDARD UNITS)	03/09/82-06/14/83	1	4	
MONO0073	No	00400	PH (STANDARD UNITS)	04/14/53-04/14/53	0	1	
MONO0075	No	00400	PH (STANDARD UNITS)	03/23/82-06/15/83	1	4	
MONO0086	No	00400	PH (STANDARD UNITS)	08/21/81-06/08/94	12	11	
MONO0098	No	00400	PH (STANDARD UNITS)	05/11/56-05/11/56	0	1	
MONO0001	No	00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	0	1	
MONO0002	No	00403	PH, LAB, STANDARD UNITS SU	03/04/96-03/04/96	0	1	
MONO0004	No	00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	0	1	
MONO0005	No	00403	PH, LAB, STANDARD UNITS SU	03/19/96-03/19/96	0	1	
MONO0011	No	00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	0	1	
MONO0014	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0015	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0018	No	00403	PH, LAB, STANDARD UNITS SU	02/02/82-06/27/91	9	5	
MONO0019	No	00403	PH, LAB, STANDARD UNITS SU	03/19/96-03/19/96	0	1	
MONO0020	No	00403	PH, LAB, STANDARD UNITS SU	03/11/82-06/27/91	9	5	
MONO0021	No	00403	PH, LAB, STANDARD UNITS SU	03/06/96-03/06/96	0	1	
MONO0024	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0027	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0030	No	00403	PH, LAB, STANDARD UNITS SU	03/18/82-06/15/83	1	4	
MONO0034	No	00403	PH, LAB, STANDARD UNITS SU	11/24/80-06/21/96	15	35	
MONO0040	No	00403	PH, LAB, STANDARD UNITS SU	07/08/81-12/17/85	4	5	
MONO0044	No	00403	PH, LAB, STANDARD UNITS SU	07/24/78-03/12/79	0	7	
MONO0058	No	00403	PH, LAB, STANDARD UNITS SU	03/06/96-03/06/96	0	1	
MONO0064	No	00403	PH, LAB, STANDARD UNITS SU	03/09/82-06/14/83	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0075	No	00403	PH, LAB, STANDARD UNITS SU	03/23/82-06/15/83	1	4	
MONO0086	No	00403	PH, LAB, STANDARD UNITS SU	08/21/81-06/08/94	12	10	
MONO0088	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0092	No	00403	PH, LAB, STANDARD UNITS SU	03/11/96-03/11/96	0	1	
MONO0093	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0095	No	00403	PH, LAB, STANDARD UNITS SU	03/11/96-03/11/96	0	1	
MONO0096	No	00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0018	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/68-11/04/68	0	1	
MONO0034	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	21	188	T,A,S
MONO0073	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/53-04/14/53	0	1	
MONO0098	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/56-05/11/56	0	1	
MONO0002	No	00406	PH, FIELD, STANDARD UNITS SU	03/04/96-03/04/96	0	1	
MONO0005	No	00406	PH, FIELD, STANDARD UNITS SU	03/19/96-03/19/96	0	1	
MONO0014	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0015	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0019	No	00406	PH, FIELD, STANDARD UNITS SU	03/19/96-03/19/96	0	1	
MONO0021	No	00406	PH, FIELD, STANDARD UNITS SU	03/06/96-03/06/96	0	1	
MONO0024	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0027	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0049	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	0	2	
MONO0050	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	0	2	
MONO0058	No	00406	PH, FIELD, STANDARD UNITS SU	03/06/96-03/06/96	0	1	
MONO0067	No	00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	0	2	
MONO0088	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0092	No	00406	PH, FIELD, STANDARD UNITS SU	03/11/96-03/11/96	0	1	
MONO0093	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0095	No	00406	PH, FIELD, STANDARD UNITS SU	03/11/96-03/11/96	0	1	
MONO0096	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	0	1	
MONO0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/61-06/13/83	21	4	
MONO0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/83-06/14/83	0	2	
MONO0022	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/77-05/25/77	0	1	
MONO0026	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	0	1	
MONO0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/83-06/15/83	0	2	
MONO0034	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	21	198	T,A,S
MONO0039	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	0	1	
MONO0040	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	15	130	
MONO0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/72-05/25/72	0	2	
MONO0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/18/83-06/14/83	0	2	
MONO0073	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/53-04/14/53	0	1	
MONO0075	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/83-06/15/83	0	2	
MONO0086	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/28/89-05/12/92	3	2	
MONO0098	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/56-05/11/56	0	1	
MONO0001	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0004	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0011	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0013	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0018	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0020	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	0	1	
MONO0086	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	02/28/89-06/08/94	5	10	
MONO0026	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	0	1	
MONO0034	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/73-12/05/73	0	3	
MONO0039	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	0	1	
MONO0061	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/72-05/25/72	0	2	
MONO0001	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	0	1	
MONO0004	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	0	1	
MONO0011	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	0	1	
MONO0013	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	0	1	
MONO0018	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/19/61-06/27/91	30	3	
MONO0020	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	0	1	
MONO0025	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/13/62-03/13/62	0	1	
MONO0034	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	16	194	T,A
MONO0073	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/14/53-04/14/53	0	1	
MONO0086	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/28/89-05/12/92	3	2	
MONO0098	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/56-05/11/56	0	1	
MONO0018	No	00445	CARBONATE ION (MG/L AS CO3)	11/04/68-11/04/68	0	1	
MONO0034	No	00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	15	97	T
MONO0086	No	00449	BICARBONATE,INCREMENTAL TITRATION,(HCO3) LAB MG/L	05/03/93-06/08/94	1	2	
MONO0086	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	02/28/89-05/12/92	3	7	
MONO0034	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	06/08/94-09/21/94	0	4	
MONO0034	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/21/93-06/21/96	3	18	
MONO0040	No	00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	9	80	
MONO0044	No	00480	SALINITY - PARTS PER THOUSAND	07/24/78-08/20/79	1	9	

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Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0040	No	00500	RESIDUE, TOTAL (MG/L)	04/07/80-04/14/82	2	20	
MONO0040	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/07/80-12/17/85	5	66	
MONO0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	9	121	
MONO0040	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	9	80	
MONO0044	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/78-12/03/79	1	16	
MONO0049	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	0	2	
MONO0050	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	0	2	
MONO0067	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	0	2	
MONO0034	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	4	112	
MONO0034	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	12/20/78-02/14/79	0	5	
MONO0034	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/29/93-07/29/93	0	1	
MONO0034	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	07/29/93-07/29/93	0	1	
MONO0018	No	00600	NITROGEN, TOTAL (MG/L AS N)	02/02/82-02/02/82	0	1	
MONO0020	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/11/82-03/11/82	0	1	
MONO0030	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/18/82-03/18/82	0	1	
MONO0034	No	00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	8	120	
MONO0040	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	15	140	
MONO0064	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/09/82-07/23/82	0	2	
MONO0075	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/23/82-03/23/82	0	1	
MONO0018	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	0	1	
MONO0030	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	0	1	
MONO0034	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	4	119	
MONO0040	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/80-12/17/85	5	66	
MONO0001	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0020	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0034	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/19/72-06/21/96	23	23	S
MONO0040	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	15	145	
MONO0086	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/93-06/08/94	1	2	
MONO0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-08/29/91	0	2	
MONO0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-08/29/91	0	2	
MONO0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/72-04/16/73	0	4	
MONO0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0031	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/72-04/16/73	0	3	
MONO0032	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0034	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	17	122	T
MONO0035	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0039	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/72-04/16/73	0	4	
MONO0044	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/78-12/03/79	1	16	
MONO0055	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/16/73	0	5	
MONO0070	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0086	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/91-05/12/92	1	2	
MONO0001	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0020	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0034	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/73-06/21/96	22	22	
MONO0040	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	9	77	
MONO0086	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/93-06/08/94	1	2	
MONO0001	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-08/29/91	0	2	
MONO0020	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-08/29/91	0	2	
MONO0034	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	17	125	T
MONO0040	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/17/85	5	67	
MONO0044	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/78-12/03/79	1	16	
MONO0086	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/17/91-05/12/92	1	2	
MONO0002	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/96-03/04/96	0	1	
MONO0005	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/19/96-03/19/96	0	1	
MONO0012	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/20/70-05/20/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0014	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0015	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0019	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/19/96-03/19/96	0	1	
MONO0021	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/06/96-03/06/96	0	1	
MONO0024	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0027	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0034	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	11	76	
MONO0040	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	9	76	
MONO0049	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	0	2	
MONO0050	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	0	2	
MONO0058	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/06/96-03/06/96	0	1	
MONO0067	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	0	2	
MONO0073	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/14/53-04/14/53	0	1	
MONO0088	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0092	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/11/96-03/11/96	0	1	
MONO0093	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0095	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/11/96-03/11/96	0	1	
MONO0096	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	0	1	
MONO0098	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/11/56-05/11/56	0	1	
MONO0034	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	5	125	
MONO0040	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/17/85	5	67	
MONO0044	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/78-12/03/79	1	16	
MONO0018	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	0	1	
MONO0020	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	0	1	
MONO0030	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	0	1	
MONO0034	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/21/93-06/21/96	3	21	
MONO0064	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/83-01/18/83	0	1	
MONO0075	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	0	1	
MONO0001	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/02/82-08/29/91	9	3	
MONO0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/82-08/29/91	9	4	
MONO0026	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/25/72-04/16/73	0	4	
MONO0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/82-06/15/83	1	2	
MONO0031	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/72-04/16/73	0	3	
MONO0032	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0034	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	22	144	T,A,S
MONO0035	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0039	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/25/72-04/16/73	0	4	
MONO0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	15	143	
MONO0044	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/78-12/03/79	1	16	
MONO0055	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0061	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/16/73	0	5	
MONO0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/09/82-06/14/83	1	3	
MONO0070	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0075	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/82-06/15/83	1	2	
MONO0001	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/02/82-08/29/91	9	6	
MONO0020	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/82-08/29/91	9	6	
MONO0026	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/72-04/16/73	0	4	
MONO0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/82-06/15/83	1	4	
MONO0031	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/72-04/16/73	0	3	
MONO0032	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0034	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	17	136	T
MONO0035	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0039	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/72-04/16/73	0	3	
MONO0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	9	77	
MONO0055	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0061	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/16/73	0	5	
MONO0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/09/82-06/14/83	1	4	
MONO0070	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
MONO0075	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/23/82-06/15/83	1	3	
MONO0086	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/89-05/12/92	3	7	
MONO0001	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0004	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0011	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0013	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	0	1	
MONO0018	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/19/83-06/27/91	8	2	
MONO0020	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/19/83-06/27/91	8	2	
MONO0030	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/83-01/20/83	0	1	
MONO0034	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/73-06/21/96	22	25	S
MONO0064	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/83-01/18/83	0	1	
MONO0075	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/83-01/20/83	0	1	
MONO0086	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/03/93-06/08/94	1	2	
MONO0034	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/09/65-09/04/66	1	11	
MONO0018	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/19/83-01/19/83	0	1	
MONO0020	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/19/83-01/19/83	0	1	
MONO0026	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/72-04/16/73	0	4	
MONO0031	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/20/72-04/16/73	0	3	
MONO0034	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/28/82-02/24/83	0	3	
MONO0039	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/72-04/16/73	0	4	
MONO0040	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	15	145	
MONO0049	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	0	2	
MONO0050	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	0	2	
MONO0061	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/16/73	0	5	
MONO0064	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/18/83-01/18/83	0	1	
MONO0067	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	0	2	
MONO0075	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/20/83-01/20/83	0	1	
MONO0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0013	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/82-08/29/91	9	6	
MONO0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/82-08/29/91	9	6	
MONO0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/82-06/15/83	1	4	
MONO0034	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	26	159	T,A,S
MONO0040	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	15	142	
MONO0044	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/78-12/03/79	1	16	
MONO0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/82-06/14/83	1	4	
MONO0075	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/82-06/15/83	1	3	
MONO0086	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/89-05/03/93	4	8	
MONO0018	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/19/83-01/19/83	0	1	
MONO0020	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/19/83-01/19/83	0	1	
MONO0030	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/20/83-01/20/83	0	1	
MONO0034	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/21/93-06/21/96	3	21	
MONO0064	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/83-01/18/83	0	1	
MONO0075	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/20/83-01/20/83	0	1	
MONO0086	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/03/93-06/08/94	1	2	
MONO0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0011	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0013	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0018	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/19/83-06/27/91	8	2	
MONO0020	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/19/83-06/27/91	8	2	
MONO0030	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/83-01/20/83	0	1	
MONO0034	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/28/82-06/21/96	13	24	
MONO0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/83-01/18/83	0	1	
MONO0075	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/83-01/20/83	0	1	
MONO0086	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/03/93-06/08/94	1	2	
MONO0018	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/02/82-08/11/82	0	2	
MONO0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/82-06/14/83	1	4	
MONO0026	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/25/72-02/15/73	0	3	
MONO0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/82-06/15/83	1	3	
MONO0031	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/20/72-02/15/73	0	2	
MONO0034	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	9	120	
MONO0039	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/25/72-09/20/72	0	2	
MONO0040	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	9	79	
MONO0044	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/78-04/07/81	2	31	
MONO0061	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/72-02/15/73	0	4	
MONO0064	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/82-06/14/83	1	3	
MONO0075	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/23/82-06/15/83	1	3	
MONO0086	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/89-06/08/94	5	9	
MONO0002	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/96-03/04/96	0	1	
MONO0005	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/19/96-03/19/96	0	1	
MONO0014	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0015	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0019	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/19/96-03/19/96	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0021	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/06/96-03/06/96	0	1	
MONO0024	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0027	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0034	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/21/93-06/21/96	3	21	
MONO0058	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/06/96-03/06/96	0	1	
MONO0088	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0092	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/96-03/11/96	0	1	
MONO0093	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0095	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/96-03/11/96	0	1	
MONO0096	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	0	1	
MONO0034	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	04/21/93-06/21/96	3	20	
MONO0026	No	00690	CARBON, TOTAL (MG/L AS C)	05/25/72-02/15/73	0	3	
MONO0031	No	00690	CARBON, TOTAL (MG/L AS C)	09/20/72-02/15/73	0	2	
MONO0039	No	00690	CARBON, TOTAL (MG/L AS C)	05/25/72-09/20/72	0	2	
MONO0061	Yes	00690	CARBON, TOTAL (MG/L AS C)	05/23/72-02/15/73	0	4	
MONO0034	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/08/69-12/05/73	4	5	
MONO0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/61-01/19/83	21	5	
MONO0020	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/82-01/19/83	0	3	
MONO0025	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/13/62-03/13/62	0	1	
MONO0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/82-01/20/83	0	3	
MONO0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	21	171	T,A,S
MONO0040	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/84-07/10/84	0	1	
MONO0064	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/09/82-01/18/83	0	3	
MONO0073	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/53-04/14/53	0	1	
MONO0075	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/82-08/12/82	0	2	
MONO0086	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	0	1	
MONO0098	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/56-05/11/56	0	1	
MONO0018	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/19/61-11/04/68	7	2	
MONO0025	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/13/62-03/13/62	0	1	
MONO0034	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	21	147	T,A,S
MONO0073	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/53-04/14/53	0	1	
MONO0098	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/56-05/11/56	0	1	
MONO0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	0	1	
MONO0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	0	1	
MONO0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	0	1	
MONO0018	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/61-06/27/91	30	7	
MONO0020	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/82-06/27/91	9	5	
MONO0025	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/13/62-03/13/62	0	1	
MONO0030	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/82-06/15/83	1	4	
MONO0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	34	189	T,A,S
MONO0064	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/09/82-06/14/83	1	4	
MONO0073	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/53-04/14/53	0	1	
MONO0075	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/82-06/15/83	1	3	
MONO0086	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-06/08/94	12	10	
MONO0034	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	4	100	
MONO0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	0	1	
MONO0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	0	1	
MONO0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	0	1	
MONO0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/61-06/27/91	30	7	
MONO0020	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/82-06/27/91	9	5	
MONO0025	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/13/62-03/13/62	0	1	
MONO0030	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/82-06/15/83	1	4	
MONO0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	34	189	T,A,S
MONO0064	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/09/82-06/14/83	1	4	
MONO0073	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/53-04/14/53	0	1	
MONO0075	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/82-06/15/83	1	3	
MONO0086	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-06/08/94	12	10	
MONO0034	No	00926	MAGNESIUM, SUSPENDED (MG/L AS MG)	11/29/78-11/29/78	0	1	
MONO0034	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	4	100	
MONO0034	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	4	101	
MONO0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	0	1	
MONO0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	0	1	
MONO0011	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	0	1	
MONO0018	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/04/68-06/27/91	22	6	
MONO0020	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/82-06/27/91	9	5	
MONO0022	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/25/77-05/25/77	0	1	
MONO0025	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/13/62-03/13/62	0	1	
MONO0030	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/82-06/15/83	1	4	
MONO0034	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	34	187	T,A,S
MONO0064	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/09/82-06/14/83	1	4	
MONO0075	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/82-06/15/83	1	3	
MONO0086	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-06/08/94	12	10	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0018	No	00931	SODIUM ADSORPTION RATIO	11/04/68-01/19/83	14	4	
MONO0020	No	00931	SODIUM ADSORPTION RATIO	03/11/82-01/19/83	0	3	
MONO0030	No	00931	SODIUM ADSORPTION RATIO	03/18/82-01/20/83	0	3	
MONO0034	No	00931	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	21	164	T,A,S
MONO0064	No	00931	SODIUM ADSORPTION RATIO	03/09/82-01/18/83	0	3	
MONO0075	No	00931	SODIUM ADSORPTION RATIO	03/23/82-08/12/82	0	2	
MONO0086	No	00931	SODIUM ADSORPTION RATIO	08/21/81-08/21/81	0	1	
MONO0018	No	00932	SODIUM, PERCENT	11/04/68-01/19/83	14	4	
MONO0020	No	00932	SODIUM, PERCENT	03/11/82-01/19/83	0	3	
MONO0030	No	00932	SODIUM, PERCENT	03/18/82-01/20/83	0	3	
MONO0034	No	00932	SODIUM, PERCENT	10/14/63-02/24/83	19	163	T,A,S
MONO0064	No	00932	SODIUM, PERCENT	03/09/82-01/18/83	0	3	
MONO0075	No	00932	SODIUM, PERCENT	03/23/82-08/12/82	0	2	
MONO0086	No	00932	SODIUM, PERCENT	08/21/81-08/21/81	0	1	
MONO0034	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/09/65-08/09/65	0	1	
MONO0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	0	1	
MONO0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	0	1	
MONO0011	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	0	1	
MONO0018	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/04/68-06/27/91	22	6	
MONO0020	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/82-06/27/91	9	5	
MONO0025	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/13/62-03/13/62	0	1	
MONO0030	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-06/15/83	1	4	
MONO0034	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	32	186	T,A,S
MONO0064	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/09/82-06/14/83	1	4	
MONO0075	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/82-06/15/83	1	3	
MONO0086	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-06/08/94	12	10	
MONO0034	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	4	100	
MONO0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	0	1	
MONO0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	0	1	
MONO0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	0	1	
MONO0018	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/19/61-06/27/91	30	7	
MONO0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/82-06/27/91	9	5	
MONO0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/62-03/13/62	0	1	
MONO0030	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/82-06/15/83	1	4	
MONO0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	34	231	T,A,S
MONO0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/09/82-06/14/83	1	4	
MONO0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/53-04/14/53	0	1	
MONO0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/82-06/15/83	1	3	
MONO0086	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-06/08/94	12	10	
MONO0098	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/56-05/11/56	0	1	
MONO0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	0	1	
MONO0002	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/96-03/04/96	0	1	
MONO0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	0	1	
MONO0005	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/96-03/19/96	0	1	
MONO0011	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	0	1	
MONO0014	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/19/61-06/27/91	30	7	
MONO0019	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/96-03/19/96	0	1	
MONO0020	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/82-06/27/91	9	5	
MONO0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/06/96-03/06/96	0	1	
MONO0024	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0025	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/13/62-03/13/62	0	1	
MONO0026	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/72-05/25/72	0	1	
MONO0027	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/82-06/15/83	1	4	
MONO0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	34	230	T,A,S
MONO0039	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/72-05/25/72	0	1	
MONO0058	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/06/96-03/06/96	0	1	
MONO0061	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-05/25/72	0	2	
MONO0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/09/82-06/14/83	1	4	
MONO0073	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/53-04/14/53	0	1	
MONO0075	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/82-06/15/83	1	3	
MONO0086	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-06/08/94	12	10	
MONO0088	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0092	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/96-03/11/96	0	1	
MONO0093	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0095	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/96-03/11/96	0	1	
MONO0096	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	0	1	
MONO0098	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/56-05/11/56	0	1	
MONO0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	0	1	
MONO0004	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0011	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	0	1	
MONO0018	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/19/61-06/27/91	30	7	
MONO0020	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/82-06/27/91	9	5	
MONO0025	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/13/62-03/13/62	0	1	
MONO0030	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-06/15/83	1	4	
MONO0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	34	126	T,A,S
MONO0064	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/09/82-06/14/83	1	4	
MONO0073	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/53-04/14/53	0	1	
MONO0075	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/82-06/15/83	1	3	
MONO0086	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-06/08/94	12	10	
MONO0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	0	1	
MONO0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	0	1	
MONO0011	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	0	1	
MONO0018	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/19/61-06/27/91	30	6	
MONO0020	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/82-06/27/91	9	5	
MONO0025	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/13/62-03/13/62	0	1	
MONO0030	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/82-06/15/83	1	4	
MONO0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	34	149	T,A,S
MONO0064	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/82-06/14/83	1	4	
MONO0073	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/53-04/14/53	0	1	
MONO0075	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/82-06/15/83	1	3	
MONO0086	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-06/08/94	12	10	
MONO0086	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/89-09/27/89	0	4	
MONO0034	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	4	111	
MONO0030	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	0	1	
MONO0040	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/79-10/01/82	3	12	
MONO0086	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/89-09/27/89	0	4	
MONO0086	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/28/89-09/27/89	0	4	
MONO0086	No	01022	BORON, TOTAL (UG/L AS B)	02/28/89-04/17/90	1	5	
MONO0034	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/69-03/13/73	3	3	
MONO0086	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/89-09/27/89	0	4	
MONO0026	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/25/72-05/25/72	0	1	
MONO0034	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	5	123	
MONO0039	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/25/72-05/25/72	0	1	
MONO0061	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/25/72	0	2	
MONO0086	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/81-08/21/81	0	1	
MONO0030	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0030	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/73-03/13/73	0	1	
MONO0086	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/89-09/27/89	0	4	
MONO0034	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/06/72-12/06/72	0	1	
MONO0034	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	9	124	
MONO0086	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/81-08/21/81	0	1	
MONO0086	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/28/89-09/27/89	0	4	
MONO0034	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/69-03/13/73	3	3	
MONO0086	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/89-09/27/89	0	4	
MONO0026	No	01042	COPPER, TOTAL (UG/L AS CU)	05/25/72-05/25/72	0	1	
MONO0034	No	01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	5	123	
MONO0039	No	01042	COPPER, TOTAL (UG/L AS CU)	05/25/72-05/25/72	0	1	
MONO0061	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/25/72	0	2	
MONO0086	No	01042	COPPER, TOTAL (UG/L AS CU)	08/21/81-08/21/81	0	1	
MONO0030	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	0	1	
MONO0018	No	01044	IRON, SUSPENDED (UG/L AS FE)	02/02/82-06/13/83	1	4	
MONO0020	No	01044	IRON, SUSPENDED (UG/L AS FE)	03/11/82-06/14/83	1	4	
MONO0030	No	01044	IRON, SUSPENDED (UG/L AS FE)	03/18/82-06/15/83	1	4	
MONO0034	No	01044	IRON, SUSPENDED (UG/L AS FE)	08/16/78-07/19/83	4	11	
MONO0064	No	01044	IRON, SUSPENDED (UG/L AS FE)	03/09/82-06/14/83	1	4	
MONO0075	No	01044	IRON, SUSPENDED (UG/L AS FE)	03/23/82-06/15/83	1	3	
MONO0086	No	01044	IRON, SUSPENDED (UG/L AS FE)	08/21/81-08/21/81	0	1	
MONO0018	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/61-06/13/83	21	6	
MONO0020	No	01045	IRON, TOTAL (UG/L AS FE)	03/11/82-06/14/83	1	4	
MONO0025	No	01045	IRON, TOTAL (UG/L AS FE)	03/13/62-03/13/62	0	1	
MONO0026	No	01045	IRON, TOTAL (UG/L AS FE)	05/25/72-05/25/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0030	No	01045	IRON, TOTAL (UG/L AS FE)	03/18/82-06/15/83	1	4	
MONO0034	No	01045	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	21	170	T,A,S
MONO0039	No	01045	IRON, TOTAL (UG/L AS FE)	05/25/72-05/25/72	0	1	
MONO0061	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/23/72-05/25/72	0	2	
MONO0064	No	01045	IRON, TOTAL (UG/L AS FE)	03/09/82-06/14/83	1	4	
MONO0073	No	01045	IRON, TOTAL (UG/L AS FE)	04/14/53-04/14/53	0	1	
MONO0075	No	01045	IRON, TOTAL (UG/L AS FE)	03/23/82-06/15/83	1	3	
MONO0086	No	01045	IRON, TOTAL (UG/L AS FE)	08/21/81-06/08/94	12	10	
MONO0098	No	01045	IRON, TOTAL (UG/L AS FE)	05/11/56-05/11/56	0	1	
MONO0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	0	1	
MONO0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	0	1	
MONO0011	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	0	1	
MONO0018	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/02/82-06/27/91	9	5	
MONO0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/11/82-06/27/91	9	5	
MONO0030	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/82-06/15/83	1	4	
MONO0034	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	26	81	T,S
MONO0064	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/09/82-06/14/83	1	4	
MONO0075	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/23/82-06/15/83	1	3	
MONO0086	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-06/08/94	12	10	
MONO0034	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/69-03/13/73	3	3	
MONO0086	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/89-04/17/91	2	5	
MONO0026	No	01051	LEAD, TOTAL (UG/L AS PB)	05/25/72-05/25/72	0	1	
MONO0034	No	01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	5	123	
MONO0039	No	01051	LEAD, TOTAL (UG/L AS PB)	05/25/72-05/25/72	0	1	
MONO0061	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/25/72	0	2	
MONO0086	No	01051	LEAD, TOTAL (UG/L AS PB)	08/21/81-04/17/91	9	2	
MONO0030	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	0	1	
MONO0030	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0018	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/02/82-06/13/83	1	4	
MONO0020	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/11/82-06/14/83	1	4	
MONO0030	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/18/82-06/15/83	1	4	
MONO0034	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/28/76-07/19/83	6	54	
MONO0064	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/09/82-06/14/83	1	4	
MONO0075	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/23/82-06/15/83	1	3	
MONO0018	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/61-06/13/83	21	6	
MONO0020	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/11/82-06/14/83	1	4	
MONO0025	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/13/62-03/13/62	0	1	
MONO0026	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/25/72-05/25/72	0	1	
MONO0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/18/82-06/15/83	1	4	
MONO0034	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	19	179	T,A,S
MONO0039	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/25/72-05/25/72	0	1	
MONO0061	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/25/72	0	2	
MONO0064	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/09/82-06/14/83	1	4	
MONO0075	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/23/82-06/15/83	1	3	
MONO0086	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/21/81-06/08/94	12	10	
MONO0098	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/11/56-05/11/56	0	1	
MONO0001	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	0	1	
MONO0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	0	1	
MONO0011	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	0	1	
MONO0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/02/82-06/27/91	9	5	
MONO0020	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/82-06/27/91	9	5	
MONO0022	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/25/77-05/25/77	0	1	
MONO0030	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/82-06/15/83	1	4	
MONO0034	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	28	83	T,S
MONO0064	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/09/82-06/14/83	1	4	
MONO0075	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/23/82-06/15/83	1	3	
MONO0086	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/81-06/08/94	12	10	
MONO0086	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/28/89-09/27/89	0	4	
MONO0086	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/28/89-09/27/89	0	4	
MONO0086	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/21/81-08/21/81	0	1	
MONO0034	No	01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	4	121	
MONO0022	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/25/77-05/25/77	0	1	
MONO0086	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	02/28/89-09/27/89	0	4	
MONO0034	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/69-11/29/78	9	7	
MONO0086	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/89-09/27/89	0	4	
MONO0026	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/25/72-05/25/72	0	1	
MONO0034	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	5	119	
MONO0039	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/25/72-05/25/72	0	1	

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Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0061	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/25/72	0	2	
MONO0086	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/21/81-04/17/90	8	6	
MONO0030	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	5	123	
MONO0086	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/21/81-04/17/90	8	5	
MONO0022	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/25/77-05/25/77	0	1	
MONO0034	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/08/69-11/29/78	9	7	
MONO0086	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/81-09/27/89	8	5	
MONO0034	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	03/15/78-11/29/78	0	4	
MONO0086	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/21/81-08/21/81	0	1	
MONO0086	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/28/89-09/27/89	0	4	
MONO0086	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/89-09/27/89	0	4	
MONO0030	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	01501	ALPHA, TOTAL	10/08/69-10/08/69	0	1	
MONO0034	No	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	10/08/69-10/08/69	0	1	
MONO0034	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	10/08/69-10/08/69	0	1	
MONO0034	No	03501	BETA, TOTAL	10/08/69-10/08/69	0	1	
MONO0034	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	10/08/69-09/19/72	2	2	
MONO0034	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	10/08/69-10/08/69	0	1	
MONO0034	No	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	0	1	
MONO0022	No	22703	URANIUM, NATURAL, DISSOLVED	05/25/77-05/25/77	0	1	
MONO0026	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/73-04/16/73	0	2	
MONO0031	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/73-04/16/73	0	2	
MONO0040	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	15	132	
MONO0044	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/24/78-12/03/79	1	12	
MONO0028	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
MONO0032	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
MONO0035	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
MONO0040	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/27/86-06/23/87	1	17	
MONO0055	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
MONO0070	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
MONO0028	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
MONO0032	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
MONO0035	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
MONO0040	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/07/80-12/17/85	5	50	
MONO0055	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
MONO0070	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
MONO0040	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	4	51	
MONO0044	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/24/78-12/03/79	1	12	
MONO0026	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	0	2	
MONO0031	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	0	2	
MONO0034	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	7	106	
MONO0040	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/86-06/23/87	1	17	
MONO0004	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	0	1	
MONO0011	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	0	1	
MONO0013	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	0	1	
MONO0020	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	0	1	
MONO0034	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-02/14/79	2	58	
MONO0004	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	0	1	
MONO0011	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	0	1	
MONO0013	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	0	1	
MONO0020	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	0	1	
MONO0034	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/27/76-02/14/79	2	57	
MONO0034	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/15/74-10/13/76	2	64	
MONO0086	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0086	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	32104	BROMOFORM,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0028	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
MONO0032	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
MONO0035	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
MONO0040	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	4	62	
MONO0055	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
MONO0070	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
MONO0040	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	9	78	
MONO0040	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	4	62	
MONO0040	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	4	62	
MONO0040	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	9	79	
MONO0034	No	32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	4	98	
MONO0040	No	32230	CHLOROPHYLL A (MG/L)	04/07/80-05/08/84	4	35	
MONO0034	No	32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	4	94	
MONO0034	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/08/69-09/14/73	3	4	
MONO0086	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/28/89-04/17/90	1	5	
MONO0086	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/28/89-04/17/90	1	5	
MONO0034	No	34253	A-BHC-ALPHA DISSUG/L	06/08/94-06/21/96	2	5	
MONO0086	No	34253	A-BHC-ALPHA DISSUG/L	06/08/94-06/08/94	0	1	
MONO0086	No	34301	CHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34311	CHLOROETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0044	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0086	No	34371	ETHYLBENZENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34413	METHYL BROMIDE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34418	METHYL CHLORIDE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34423	METHYLENE CHLORIDE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34496	1,1-DICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0018	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/11/82-08/11/82	0	1	
MONO0020	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/11/82-08/11/82	0	1	
MONO0064	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/23/82-07/23/82	0	1	
MONO0034	No	34653	P,P'-DDE DISSUG/L	06/08/94-06/21/96	2	5	
MONO0086	No	34653	P,P'-DDE DISSUG/L	06/08/94-06/08/94	0	1	
MONO0086	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	02/28/89-04/17/90	1	5	
MONO0040	No	34670	PCB - 1260 WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34670	PCB - 1260 WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/79-10/01/82	3	12	
MONO0044	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34685	ENDRIN WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34685	ENDRIN WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0040	No	34691	TOXAPHENE WET WGTTISMG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	34691	TOXAPHENE WET WGTTISMG/KG	10/01/79-10/01/82	3	12	
MONO0086	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/28/89-04/17/90	1	5	
MONO0034	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	08/01/95-08/01/95	0	1	
MONO0034	No	34795	ANTIMONY,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34800	ARSENIC,SED,BOT,WET SIEVE,	08/01/95-08/01/95	0	1	
MONO0034	No	34805	BARIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34810	BERYLLIUM,SED,BOT,WET SIEVE,	08/01/95-08/01/95	0	1	

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Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	34816	BISMUTH,SED,BOT,WET SIEVE,	08/01/95-08/01/95	0	1	
MONO0034	No	34825	CADMIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34830	CALCIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34835	CERIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34840	CHROMIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34845	COBALT,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34850	COPPER,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34855	EUROPIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34860	GALLIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34870	GOLD,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34875	HOLMIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34880	IRON,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34885	LANTHANUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34890	LEAD,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34895	LITHIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34900	MAGNESIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34905	MANGANESE,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34910	MERCURY,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34915	MOLYBDENUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34920	NEODYMIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34925	NICKEL,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34930	NIOBIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34935	PHOSPHORUS,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34940	POTASSIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34945	SCANDIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34950	SELENIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34955	SILVER,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34960	SODIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34965	STRONTIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34970	SULFUR,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34975	TANTALUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34980	THORIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	34985	TIN,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	35000	URANIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	35005	VANADIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	35010	YTTRIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	35015	YTTERBIUM,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	35020	ZINC,SED,BOT,	08/01/95-08/01/95	0	1	
MONO0034	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/08/69-10/08/69	0	1	
MONO0086	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/08/94-06/08/94	0	1	
MONO0018	No	38401	AMETRYN WATER,DISSUG/L	06/27/91-08/29/91	0	2	
MONO0020	No	38401	AMETRYN WATER,DISSUG/L	06/27/91-08/29/91	0	2	
MONO0034	No	38401	AMETRYN WATER,DISSUG/L	08/29/91-08/29/91	0	1	
MONO0018	No	38535	PROPAZINE WATER,DISSUG/L	06/27/91-08/29/91	0	2	
MONO0020	No	38535	PROPAZINE WATER,DISSUG/L	06/27/91-08/29/91	0	2	
MONO0034	No	38535	PROPAZINE WATER,DISSUG/L	08/29/91-08/29/91	0	1	
MONO0034	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	06/08/94-06/08/94	0	1	
MONO0086	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39056	PROMETONE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	0	1	
MONO0044	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/79-10/01/82	3	12	
MONO0040	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	10/31/79-10/31/79	0	2	
MONO0034	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/21/93-06/21/96	3	23	
MONO0044	No	39105	PERCENT FAT HEXANE EXTRACTION	10/01/82-10/01/82	0	2	
MONO0086	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/28/89-04/17/90	1	5	
MONO0018	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0040	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/31/79-10/31/79	0	2	
MONO0044	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	3	12	
MONO0044	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	3	12	
MONO0044	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/01/79-10/01/82	3	12	
MONO0086	No	39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0034	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	06/08/94-06/21/96	2	5	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0086	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	04/17/90-06/08/94	4	2	
MONO0018	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	8	2	
MONO0020	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	8	2	
MONO0040	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/31/79-10/31/79	0	2	
MONO0064	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/23/82-07/23/82	0	1	
MONO0018	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	8	2	
MONO0020	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	8	2	
MONO0064	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/23/82-07/23/82	0	1	
MONO0086	No	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0034	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	2	5	
MONO0086	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	4	2	
MONO0018	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0020	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0064	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/23/82-07/23/82	0	1	
MONO0018	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0018	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0020	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0064	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/23/82-07/23/82	0	1	
MONO0040	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/31/79-10/31/79	0	2	
MONO0044	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	3	12	
MONO0086	No	39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0018	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0020	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0034	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	08/29/91-06/21/96	4	6	
MONO0086	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/08/94-06/08/94	0	1	
MONO0086	No	39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0020	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0064	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/23/82-07/23/82	0	1	
MONO0018	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0020	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/11/82-06/27/91	8	2	
MONO0064	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/23/82-07/23/82	0	1	
MONO0040	No	39497	PCB - 1242 IN FISH OR ANIMALS WET WGT UG/KG	10/31/79-10/31/79	0	2	
MONO0040	No	39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	10/31/79-10/31/79	0	2	
MONO0086	No	39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0020	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0018	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0034	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	2	5	
MONO0086	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	4	2	
MONO0018	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0034	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	2	5	

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Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0086	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	4	2	
MONO0018	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0034	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	2	5	
MONO0086	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	4	2	
MONO0018	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39602	METHYL PARATHION IN FILT. FRAC. WATER SAMP.(UG/L)	04/17/90-04/17/90	0	1	
MONO0086	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39632	ATRAZINE DISSOLVED IN WATER PPB	06/27/91-08/29/91	0	2	
MONO0020	No	39632	ATRAZINE DISSOLVED IN WATER PPB	06/27/91-08/29/91	0	2	
MONO0034	No	39632	ATRAZINE DISSOLVED IN WATER PPB	08/29/91-06/21/96	4	6	
MONO0086	No	39632	ATRAZINE DISSOLVED IN WATER PPB	06/08/94-06/08/94	0	1	
MONO0086	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	0	1	
MONO0018	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0020	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0064	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	0	1	
MONO0018	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0020	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0064	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39756	MIREX, DISSOLVED (UG/L)	04/17/90-04/17/90	0	1	
MONO0018	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0086	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	0	1	
MONO0018	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0020	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	0	1	
MONO0064	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0044	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/79-10/01/82	3	12	
MONO0018	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0018	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0020	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	8	2	
MONO0064	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	0	1	
MONO0018	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0020	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0034	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	08/29/91-06/21/96	4	6	
MONO0086	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	06/19/96-06/21/96	0	3	
MONO0034	No	49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	09/12/95-09/12/95	0	1	
MONO0034	No	49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	09/12/95-09/12/95	0	1	
MONO0034	No	49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	08/01/95-08/01/95	0	1	

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From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49274	TITANIUM, DRY WT, SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49275	ALPHA-BHC,D6, DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49278	TERPHENYL,D14-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	09/12/95-09/12/95	0	1	
MONO0034	No	49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	0	1	
MONO0034	No	49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49387	PYRENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49400	ISOPHORONE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49402	NAPHTHALENE, DRY WEIGHT, SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49409	PHENANTHRENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49410	METHYLPHENANTHRENE,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	08/01/95-08/01/95	0	1	
MONO0034	No	49439	BENZENE, O-DICHLORO-,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49443	AZOBENZENE,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	08/01/95-08/01/95	0	1	
MONO0034	No	49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	09/12/95-09/12/95	0	1	
MONO0034	No	49466	FLUORANTHENE,SED,BED MAT,WET SIEV	08/01/95-08/01/95	0	1	
MONO0034	No	49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	08/01/95-08/01/95	0	1	
MONO0034	No	49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	08/01/95-08/01/95	0	1	
MONO0034	No	49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	08/01/95-08/01/95	0	1	
MONO0049	Yes	50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	0	2	
MONO0050	Yes	50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	0	2	
MONO0067	No	50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	0	2	
MONO0002	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/04/96-03/04/96	0	1	
MONO0005	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/19/96-03/19/96	0	1	
MONO0014	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0015	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0019	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/19/96-03/19/96	0	1	
MONO0021	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/06/96-03/06/96	0	1	
MONO0024	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0027	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0058	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/06/96-03/06/96	0	1	
MONO0088	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0092	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/11/96-03/11/96	0	1	
MONO0093	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0095	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/11/96-03/11/96	0	1	
MONO0096	No	50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	0	1	
MONO0022	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/77-05/25/77	0	1	
MONO0022	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/77-05/25/77	0	1	
MONO0049	Yes	61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0050	Yes	61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0067	No	61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0049	Yes	61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0050	Yes	61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0067	No	61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	0	2	
MONO0002	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/04/96-03/04/96	0	1	
MONO0005	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/19/96-03/19/96	0	1	
MONO0014	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0015	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0019	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/19/96-03/19/96	0	1	
MONO0021	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/06/96-03/06/96	0	1	
MONO0024	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0027	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0058	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/06/96-03/06/96	0	1	
MONO0088	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0092	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/11/96-03/11/96	0	1	
MONO0093	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0095	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/11/96-03/11/96	0	1	
MONO0096	No	61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	0	1	
MONO0040	No	70222	WAVE HEIGHT (WMO CODE 1555)	01/27/86-06/23/87	1	18	
MONO0034	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	09/14/73-04/09/74	0	6	
MONO0018	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/19/61-06/13/83	21	5	
MONO0020	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/82-06/14/83	1	4	
MONO0025	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/13/62-03/13/62	0	1	
MONO0030	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/82-06/15/83	1	4	
MONO0034	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	34	198	T,A,S
MONO0044	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/78-04/07/81	2	25	
MONO0064	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/09/82-06/14/83	1	4	
MONO0073	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/14/53-04/14/53	0	1	
MONO0075	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/82-06/15/83	1	3	
MONO0086	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/81-06/08/94	12	6	
MONO0018	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/04/68-01/19/83	14	4	
MONO0020	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/82-01/19/83	0	3	
MONO0030	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-01/20/83	0	3	
MONO0034	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	21	108	T,A,S
MONO0064	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/09/82-01/18/83	0	3	
MONO0075	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/23/82-08/12/82	0	2	
MONO0086	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/81-08/21/81	0	1	
MONO0018	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/19/61-01/19/83	21	5	
MONO0020	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/11/82-01/19/83	0	3	
MONO0030	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/18/82-01/20/83	0	3	
MONO0034	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	21	224	T,A,S
MONO0064	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/09/82-01/18/83	0	3	
MONO0075	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/82-08/12/82	0	2	
MONO0018	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/19/61-01/19/83	21	5	
MONO0020	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/82-01/19/83	0	3	
MONO0030	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-01/20/83	0	3	
MONO0034	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	21	224	T,A,S
MONO0064	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/09/82-01/18/83	0	3	
MONO0075	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/23/82-08/12/82	0	2	
MONO0034	No	70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	02/14/65-12/24/70	5	3	
MONO0034	No	70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	02/14/65-08/04/71	6	4	
MONO0034	No	70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	02/14/65-02/14/65	0	1	
MONO0034	No	70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	02/14/65-02/14/65	0	1	
MONO0034	No	70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	02/14/65-02/14/65	0	1	
MONO0018	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/19/61-02/19/61	0	1	
MONO0025	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/03/61-09/08/61	0	9	
MONO0034	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/14/65-06/21/96	31	63	S
MONO0018	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/19/61-02/19/61	0	1	
MONO0025	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	01/03/61-09/08/61	0	9	
MONO0034	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/14/65-07/25/92	27	52	S
MONO0018	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/19/61-02/19/61	0	1	
MONO0025	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	01/03/61-09/08/61	0	9	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0034	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/14/65-07/25/92	27	44	S
MONO0018	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/19/61-02/19/61	0	1	
MONO0025	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	01/03/61-09/08/61	0	9	
MONO0034	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/19/68-07/25/92	23	29	S
MONO0025	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	03/09/61-04/26/61	0	2	
MONO0034	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	02/14/65-07/25/92	27	15	
MONO0034	No	70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	02/14/65-07/25/92	27	10	
MONO0018	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/19/61-02/19/61	0	1	
MONO0025	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/03/61-09/08/61	0	9	
MONO0034	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/14/65-12/12/92	27	31	S
MONO0018	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/19/61-02/19/61	0	1	
MONO0025	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/03/61-09/08/61	0	9	
MONO0034	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/14/65-12/12/92	27	57	S
MONO0018	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/19/61-02/19/61	0	1	
MONO0025	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/03/61-09/08/61	0	9	
MONO0034	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/14/65-12/12/92	27	56	S
MONO0018	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/19/61-02/19/61	0	1	
MONO0025	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/03/61-09/08/61	0	9	
MONO0034	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/14/65-12/12/92	27	56	S
MONO0018	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/19/61-02/19/61	0	1	
MONO0025	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/03/61-09/08/61	0	9	
MONO0034	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/14/65-12/12/92	27	57	S
MONO0034	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/08/65-09/08/69	3	8	
MONO0034	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	11/19/68-09/08/69	0	5	
MONO0034	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	11/19/68-09/08/69	0	4	
MONO0034	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	11/19/68-03/26/69	0	2	
MONO0034	No	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	11/19/68-03/26/69	0	2	
MONO0001	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0004	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0011	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0013	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	0	1	
MONO0018	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/02/82-08/29/91	9	5	
MONO0020	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/11/82-08/29/91	9	5	
MONO0030	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/18/82-06/15/83	1	3	
MONO0034	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/72-08/29/91	19	8	
MONO0064	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/82-06/14/83	1	3	
MONO0075	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/23/82-06/15/83	1	4	
MONO0086	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/17/91-05/12/92	1	2	
MONO0034	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	06/07/78-02/14/79	0	14	
MONO0034	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	06/07/78-02/14/79	0	14	
MONO0034	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	07/29/93-07/29/93	0	1	
MONO0034	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	07/29/93-07/29/93	0	1	
MONO0034	No	71825	ACIDITY, TOTAL (MG/L AS H)	09/14/73-12/05/73	0	3	
MONO0034	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/19/72-02/24/83	10	5	
MONO0049	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	0	2	
MONO0050	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	0	2	
MONO0067	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	0	2	
MONO0018	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/19/61-06/19/61	0	1	
MONO0025	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/13/62-03/13/62	0	1	
MONO0034	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/15/72-05/09/72	0	2	
MONO0012	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/70-05/20/70	0	1	
MONO0018	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/19/61-11/04/68	7	2	
MONO0034	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	11	86	
MONO0073	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/14/53-04/14/53	0	1	
MONO0098	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/56-05/11/56	0	1	
MONO0034	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/14/73-09/14/73	0	1	
MONO0034	No	71885	IRON (UG/L AS FE)	10/02/65-09/04/66	0	10	
MONO0018	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/02/82-06/13/83	1	4	
MONO0020	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/82-06/14/83	1	4	
MONO0026	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/25/72-04/16/73	0	4	
MONO0028	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
MONO0030	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/82-06/15/83	1	4	
MONO0031	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/20/72-04/16/73	0	3	
MONO0032	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
MONO0034	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/24/80-07/19/83	2	10	
MONO0035	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
MONO0039	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/25/72-04/16/73	0	4	
MONO0055	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
MONO0061	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/16/73	0	5	
MONO0064	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/09/82-06/14/83	1	4	
MONO0070	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
MONO0075	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/23/82-06/15/83	1	3	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0018	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/02/82-02/02/82	0	1	
MONO0020	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/11/82-03/11/82	0	1	
MONO0030	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/18/82-03/18/82	0	1	
MONO0034	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	8	120	
MONO0064	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/09/82-07/23/82	0	2	
MONO0075	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/23/82-03/23/82	0	1	
MONO0086	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/89-09/27/89	0	4	
MONO0026	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/25/72-05/25/72	0	1	
MONO0039	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/25/72-05/25/72	0	1	
MONO0061	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-05/25/72	0	2	
MONO0086	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/21/81-08/21/81	0	1	
MONO0030	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	0	1	
MONO0034	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	0	1	
MONO0075	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	0	1	
MONO0040	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0040	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0040	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0040	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0040	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0040	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/31/79-10/31/79	0	2	
MONO0044	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/79-10/01/82	3	12	
MONO0012	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/20/70-05/20/70	0	1	
MONO0018	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	03/24/60-06/19/61	1	14	
MONO0025	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	03/03/59-03/13/62	3	32	
MONO0073	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	04/14/53-04/14/53	0	1	
MONO0086	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	02/28/89-06/08/94	5	10	
MONO0098	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/11/56-05/11/56	0	1	
MONO0086	No	72006	SAMPLING CONDITION CODE (BM WELL DATA)	02/28/89-06/08/94	5	10	
MONO0078	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/27/86-03/27/86	0	1	
MONO0083	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/27/86-03/27/86	0	1	
MONO0086	No	76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	04/17/90-04/17/90	0	1	
MONO0086	No	77128	STYRENE WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	02/28/89-04/17/90	1	5	
MONO0086	No	77825	ALACHLOR WHOLE WATER,UG/L	04/17/90-04/17/90	0	1	
MONO0034	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/19/72-09/19/72	0	1	
MONO0018	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/60-02/21/61	0	13	
MONO0025	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/03/59-09/08/61	2	30	
MONO0034	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/14/65-06/21/96	31	86	S
MONO0018	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/24/60-02/21/61	0	13	
MONO0025	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/03/59-09/30/60	1	21	
MONO0034	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/14/65-02/24/83	18	52	S
MONO0078	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/27/86-03/27/86	0	1	
MONO0083	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/27/86-03/27/86	0	1	
MONO0086	No	81551	XYLENE WHL WATER SMPL UG/L	02/28/89-04/17/90	1	5	
MONO0040	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/31/79-10/31/79	0	3	
MONO0044	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/01/79-10/01/82	3	12	
MONO0040	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/31/79-10/31/79	0	2	
MONO0044	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/01/79-10/01/82	3	12	
MONO0040	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/31/79-10/31/79	0	2	
MONO0044	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/79-10/01/82	3	12	
MONO0086	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	04/17/90-04/17/90	0	1	
MONO0040	No	81826	BHC(BENZENE HEXACHLORIDE) FISH TISS WET WGT MG/KG	10/31/79-10/31/79	0	2	
MONO0018	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/11/82-06/27/91	8	2	
MONO0020	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/11/82-06/27/91	8	2	
MONO0064	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/23/82-07/23/82	0	1	
MONO0040	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	0	2	
MONO0040	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	0	2	
MONO0040	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/31/79-10/31/79	0	2	
MONO0044	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/82	3	12	
MONO0034	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/28/81-06/30/81	0	2	
MONO0086	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/21/81-08/21/81	0	1	
MONO0086	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/17/91-04/17/91	0	1	
MONO0086	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82303	RADON 222, TOTAL IN WATER PC/L	04/17/90-04/17/90	0	1	
MONO0022	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	05/25/77-05/25/77	0	1	
MONO0086	No	82342	TRITHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82344	METHYLTRITHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0086	No	82346	ETHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82348	PERTHANE, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82350	METHOXYCHLOR, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82354	ENDOSULFAN, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82360	NAPTHALENES,POLYCHLORINATED DISSOLVED IN WATR UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82398	SAMPLING METHOD (CODES)	02/28/89-06/08/94	5	10	
MONO0086	No	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	04/17/90-04/17/90	0	1	
MONO0086	No	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	04/17/90-04/17/90	0	1	
MONO0018	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0020	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/27/91-08/29/91	0	2	
MONO0034	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	08/29/91-06/21/96	4	6	
MONO0086	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	06/08/94-07/06/94	0	2	
MONO0086	No	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0034	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2	5	
MONO0086	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	0	1	
MONO0012	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/20/70-05/20/70	0	1	
MONO0086	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/21/81-06/08/94	12	12	
MONO0098	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/11/56-05/11/56	0	1	
MONO0012	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/20/70-05/20/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/14/53 To 09/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MONO0086	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/21/81-06/08/94	12	12	
MONO0098	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/11/56-05/11/56	0	1	
MONO0040	No	84007	ANATOMY ALPHA CODE	10/31/79-10/31/79	0	2	
MONO0044	No	84007	ANATOMY ALPHA CODE	10/01/79-10/01/82	3	12	

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

Station-By-Station Results

Station Inventory for Station: MONO0001

NPS Station ID: MONO0001
LAT/LON: 39.456948/ -77.252227
Agency: 112WRD
Date Created: 11/09/91
Location: TOWN B NR LIBERTYTOWN, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642435
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 02070009000701.03
RF3 Mile Point: 1.62
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/91-06/27/91	1	8.19	8.19	8.19	8.19	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/91-06/27/91	1	8.19	8.19	8.19	8.19	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/27/91-06/27/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	1	0.07	0.07	0.07	0.07	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: MONO0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			

& - 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: MONO0002

NPS Station ID: MONO0002 | LAT/LON: 39.419754/ -77.253893 | Agency: 11NPSWRD | Date Created: 02/20/99
Location: BENS BRANCH SITE FR-P-411-305 | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_MDDNR_305
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WALKERSVILLE MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-411-305 IS LOCATED AT BENS BRANCH. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/96-08/09/96	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/04/96-03/04/96	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/96-03/04/96	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/96-08/09/96	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/04/96-03/04/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/04/96-03/04/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/04/96-03/04/96	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/04/96-03/04/96	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/04/96-03/04/96	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/04/96-03/04/96	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/96-03/04/96	1	3.68	3.68	3.68	3.68	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/96-03/04/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/96-03/04/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/04/96-03/04/96	1	1141.	1141.	1141.	1141.	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/04/96-03/04/96	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: MONO0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0003

NPS Station ID: MONO0003 LAT/LON: 39.457754/ -77.253920 Agency: 21MDEXP Date Created: 10/11/80
Location: ARTIE KEMP ROAD X-ING, 1.5 MILE SOUTH OF LIBE FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TOB0005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009006 RF1 Mile Point: 8.050 Distance from RF1: 8.80 On/Off RF1: OFF
RF3 Index: 02070009005100.00 RF3 Mile Point: 0.87 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE TOWN BRANCH RIVER MILE IS .50
RECEIVING TRIBUTARY IS LINGANORE CREEK ARTIE KEMP ROAD X-ING, 1.5 MILE SOUTH OF LIBERTYTOWN

Parameter Inventory for Station: MONO0003

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

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

Station Inventory for Station: MONO0004

NPS Station ID: MONO0004
LAT/LON: 39.420281/ -77.254449
Agency: 112WRD
Date Created: 11/09/91
Location: BENS B AT NEW LONDON, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642445
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 4.90
On/Off RF1:
RF3 Index: 02070009000604.82
RF3 Mile Point: 6.36
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	1	223.	223.	223.	223.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.97	7.97	7.97	7.97	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.97	7.97	7.97	7.97	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/27/91-06/27/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	840.	840.	840.	840.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	1	1024.	1024.	1024.	1024.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	1	35.	35.	35.	35.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	440.	440.	440.	440.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	2.643	2.643	2.643	2.643	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			440.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1500.								

** - Less 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: MONO0004

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)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	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: MONO0004

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: MONO0005

NPS Station ID: MONO0005 LAT/LON: 39.356449/ -77.261810 Agency: 11NPSWRD Date Created: 02/20/99
Location: CHURCH BRANCH OF BUSH CREEK FR-P-275-239 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_MDDNR_239
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-275-239 IS LOCATED AT CHURCH BRANCH OF BUSH CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/96-06/27/96	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/19/96-03/19/96	1	134.	134.	134.	134.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/96-03/19/96	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/27/96-06/27/96	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/19/96-03/19/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/19/96-03/19/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/96-03/19/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/19/96-03/19/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/19/96-03/19/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/96-03/19/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/19/96-03/19/96	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/19/96-03/19/96	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/96-03/19/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/19/96-03/19/96	1	315.3	315.3	315.3	315.3	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/19/96-03/19/96	1	3.	3.	3.	3.	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: MONO0005

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
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.	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: MONO0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0006

NPS Station ID: MONO0006 LAT/LON: 39.382226/ -77.262837 Agency: 21MDEXP Date Created: 10/11/80
Location: 50 YARDS ABOVE STP,BETWEEN MD 144 AND US 40,EAS FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): UFH0011
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009059300.00 RF3 Mile Point: 0.43 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS 1.10
RECEIVING TRIBUTARY IS BUSH CREEK 50 YARDS ABOVE STP,BETWEEN MD 144 AND US 40,EAST SIDE OF NEW MARKET

Parameter Inventory for Station: MONO0006

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

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

Station Inventory for Station: MONO0007

NPS Station ID: MONO0007
LAT/LON: 39.380310/ -77.263170
Agency: 21MDEXP
Date Created: 10/11/80
Location: 75 YARDS BELOW STP, JUST SOUTH OF US 40
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UFH0008
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 21.00
On/Off RF1:
RF3 Index: 02070009059300.00
RF3 Mile Point: 0.03
Distance from RF3: 0.05
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS .80
RECEIVING TRIBUTARY IS BUSH CREEK 75 YARDS BELOW STP, JUST SOUTH OF US 40

Parameter Inventory for Station: MONO0007

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

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

Station Inventory for Station: MONO0008

NPS Station ID: MONO0008 LAT/LON: 39.368753/ -77.268809 Agency: 21MDEXP Date Created: 10/11/80
Location: 300 YARDS ABOVE UFH AND MONROVIA ATCABLE X-ING FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSC0087
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 20.20 On/Off RF1:
RF3 Index: 02070009003706.60 RF3 Mile Point: 6.60 Distance from RF3: 0.04 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE BUSH CREEK RIVER MILE IS 8.70
RECEIVING TRIBUTARY IS MONOCACY RIVER 300 YARDS ABOVE UFH AND MONROVIA ATCABLE X-ING

Parameter Inventory for Station: MONO0008

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

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

Station Inventory for Station: MONO0009

NPS Station ID: MONO0009
LAT/LON: 39.371781/ -77.270921
Agency: 21MDEXP
Date Created: 10/11/80
Location: 25 YARDS ABOVE BUSH CREEK
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UFH0001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009092801.84
RF3 Mile Point: 1.90
Distance from RF3: 0.03
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS .10
RECEIVING TRIBUTARY IS BUSH CREEK 25 YARDS ABOVE BUSH CREEK

Parameter Inventory for Station: MONO0009

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

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

Station Inventory for Station: MONO0010

NPS Station ID: MONO0010 LAT/LON: 39.370671/ -77.273060 Agency: 21MDEXP Date Created: 10/11/80
Location: 150 YARDS BELOW UFH,MD. ROUTE 75 BRIDGE IN MON FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSC0084
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009003700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE BUSH CREEK RIVER MILE IS 8.40
RECEIVING TRIBUTARY IS MONOCACY RIVER 150 YARDS BELOW UFH,MD. ROUTE 75 BRIDGE IN MONROVIA

Parameter Inventory for Station: MONO0010

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

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

Station Inventory for Station: MONO0011

NPS Station ID: MONO0011
LAT/LON: 39.426948/ -77.281670
Agency: 112WRD
Date Created: 11/09/91
Location: LINGANORE C NR MCKAIG, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642440
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 5.80
On/Off RF1:
RF3 Index: 02070009063900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.88	7.88	7.88	7.88	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.88	7.88	7.88	7.88	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/27/91-06/27/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/27/91-06/27/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/91-06/27/91	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/91-06/27/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/91-06/27/91	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/91-06/27/91	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/91-06/27/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/91-06/27/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/91-06/27/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/91-06/27/91	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/27/91-06/27/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/91-06/27/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	3.447	3.447	3.447	3.447	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2800.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	3.079	3.079	3.079	3.079	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1200.								

** - Less 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: MONO0011

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)	06/27/91-06/27/91	1	0.06	0.06	0.06	0.06	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: MONO0011

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: MONO0012

NPS Station ID: MONO0012
LAT/LON: 39.430281/ -77.297226
Agency: 112WRD
Date Created: 02/28/78
Location: FR Df 11
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 392549077175001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009003405.09
RF3 Mile Point: 7.32
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-05/20/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/70-05/20/70	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/70-05/20/70	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/70-05/20/70	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-05/20/70	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/20/70-05/20/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/70-05/20/70	1	49.	49.	49.	49.	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: MONO0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	1	1.00							1	1	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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: MONO0013

NPS Station ID: MONO0013
LAT/LON: 39.474727/ -77.305281
Agency: 112WRD
Date Created: 11/09/91
Location: ISRAEL C TR NR WALKERSVILLE, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642046
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009066200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/27/91-06/27/91	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/27/91-06/27/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/91-06/27/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/27/91-06/27/91	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.22	7.22	7.22	7.22	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/91-06/27/91	1	7.22	7.22	7.22	7.22	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/91-06/27/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-06/27/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/91-06/27/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/91-06/27/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/91-06/27/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	2.732	2.732	2.732	2.732	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			540.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	3.398	3.398	3.398	3.398	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2500.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/27/91-06/27/91	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: MONO0013

			Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	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: MONO0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: MONO0014

NPS Station ID: MONO0014
LAT/LON: 39.361004/ -77.308337
Agency: 11NPSWRD
Date Created: 02/20/99
Location: BUSH CREEK SITE FR-P-545-325
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONO_MDDNR_325
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 02070009054801.21
RF3 Mile Point: 1.43
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-545-325 IS LOCATED AT BUSH CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	251.	251.	251.	251.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	2.89	2.89	2.89	2.89	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	690.1	690.1	690.1	690.1	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	1	3.	3.	3.	3.	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: MONO0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0015

NPS Station ID: MONO0015
LAT/LON: 39.360142/ -77.309588
Agency: 11NPSWRD
Date Created: 02/20/99
Location: BUSH CREEK SITE FR-P-545-345
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONO_MDDNR_345
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 02070009054801.21
RF3 Mile Point: 1.43
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-545-345 IS LOCATED AT BUSH CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	249.	249.	249.	249.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	7.08	7.08	7.08	7.08	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	7.08	7.08	7.08	7.08	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.083	0.083	0.083	0.083	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	2.92	2.92	2.92	2.92	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	688.5	688.5	688.5	688.5	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0016

NPS Station ID: MONO0016
LAT/LON: 39.431781/ -77.315781
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON GAS HOUSE PIKE
FIPS State/County: 24013 MARYLAND/CARROLL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LIN0042
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009001100.00
RF3 Mile Point: 1.14
Distance from RF3: 0.06
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE LINGANORE CREEK RIVER MILE IS 4.20
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE ON GAS HOUSE PIKE

Parameter Inventory for Station: MONO0016

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

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

Station Inventory for Station: MONO0017

NPS Station ID: MONO0017 LAT/LON: 39.416920/ -77.329865 Agency: 21MDEXP Date Created: 10/11/80
Location: AT THE END OF QUINN ROAD USGS GAGING STATION FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): LIN0024
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009006 RF1 Mile Point: 2.770 Distance from RF1: 15.10 On/Off RF1: OFF
RF3 Index: 02070009091100.00 RF3 Mile Point: 0.01 Distance from RF3: 0.01 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE LINGANORE CREEK RIVER MILE IS 2.40
RECEIVING TRIBUTARY IS MONOCACY RIVER AT THE END OF QUINN ROAD USGS GAGING STATION

Parameter Inventory for Station: MONO0017

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

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

Station Inventory for Station: MONO0018

NPS Station ID: MONO0018
LAT/LON: 39.415282/ -77.333338
Agency: 112WRD
Date Created: / /
Location: LINGANORE C NR FREDERICK, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 02070009000200.80
RF3 Mile Point: 3.52
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	116	14.5	14.331	27.	0.	65.275	8.079	2.5	7.85	21.65	24.43
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	100	17.	15.82	35.	-5.	84.184	9.175	5.05	10.	23.	27.
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	1	762.	762.	762.	762.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/19/61-11/04/68	2	32.	32.	45.	19.	338.	18.385	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	115	64.	87.096	690.	3.	11627.929	107.833	18.6	28.	99.	162.
00065	STAGE, STREAM (FEET)	10/08/68-01/19/83	89	2.42	2.431	4.94	1.21	0.356	0.597	1.75	1.97	2.815	3.1
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/61-06/13/83	6	6.5	7.833	17.	3.	26.967	5.193	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/61-06/27/91	7	172.	170.714	213.	128.	796.238	28.218	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/02/82-06/27/91	4	8.45	9.9	15.4	7.3	14.113	3.757	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/61-06/27/91	7	7.83	7.867	8.8	6.6	0.581	0.762	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/61-06/27/91	7	7.83	7.309	8.8	6.6	0.944	0.972	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/61-06/27/91	7	0.015	0.049	0.251	0.002	0.008	0.09	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/02/82-06/27/91	5	7.6	7.72	8.1	7.6	0.047	0.217	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/02/82-06/27/91	5	7.6	7.685	8.1	7.6	0.049	0.22	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/02/82-06/27/91	5	0.025	0.021	0.025	0.008	0.	0.007	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/68-11/04/68	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/61-06/13/83	4	58.	57.5	70.	44.	123.667	11.121	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/19/61-06/27/91	3	66.	68.333	85.	54.	244.333	15.631	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/04/68-11/04/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/02/82-02/02/82	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-08/29/91	2	0.32	0.32	0.44	0.2	0.029	0.17	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-08/29/91	2	0.115	0.115	0.14	0.09	0.001	0.035	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/02/82-08/29/91	3	1.3	1.5	2.3	0.9	0.52	0.721	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/02/82-08/29/91	6	1.8	1.783	2.4	1.2	0.23	0.479	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/19/83-06/27/91	2	1.7	1.7	2.	1.4	0.18	0.424	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/19/83-01/19/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/82-08/29/91	6	0.075	0.082	0.15	0.04	0.001	0.038	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/19/83-01/19/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/19/83-06/27/91	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/02/82-08/11/82	2	3.9	3.9	4.9	2.9	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/61-01/19/83	5	73.	70.6	82.	55.	110.3	10.502	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/19/61-11/04/68	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/61-06/27/91	7	21.	20.857	25.	16.	8.476	2.911	**	**	**	**

** - Less 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: MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/61-06/27/91	7	5.1	5.114	5.9	4.	0.481	0.694	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/04/68-06/27/91	6	4.7	4.367	5.1	2.8	0.743	0.862	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/04/68-01/19/83	4	0.25	0.25	0.3	0.2	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	11/04/68-01/19/83	4	10.5	10.25	12.	8.	2.917	1.708	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/04/68-06/27/91	6	2.95	3.067	4.6	2.	1.015	1.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/19/61-06/27/91	7	10.	9.	13.	5.	9.	3.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/19/61-06/27/91	7	9.	8.571	11.	6.	4.952	2.225	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/19/61-06/27/91	7	0.1	0.114	0.2	0.05	0.004	0.063	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/19/61-06/27/91	6	5.85	5.283	7.	2.6	2.486	1.577	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	02/02/82-06/13/83	4	370.	455.	910.	170.	108966.667	330.101	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/61-06/13/83	6	250.	365.	960.	40.	115630.	340.044	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/02/82-06/27/91	5	50.	41.	74.	13.	657.5	25.642	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/02/82-06/13/83	4	50.	87.5	200.	50.	5625.	75.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/61-06/13/83	6	135.	193.333	700.	0.	66306.667	257.501	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/02/82-06/27/91	5	93.	176.6	500.	77.	32922.3	181.445	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38401	AMETRYN WATER,DISSUG/L	06/27/91-08/29/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38535	PROPAZINE WATER,DISSUG/L	06/27/91-08/29/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/27/91-08/29/91	2	0.6	0.6	0.8	0.4	0.08	0.283	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/11/82-06/27/91	2 ##	0.525	0.525	1.	0.05	0.451	0.672	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	06/27/91-08/29/91	2	0.53	0.53	0.89	0.17	0.259	0.509	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/27/91-08/29/91	2 ##	0.058	0.058	0.09	0.025	0.002	0.046	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/19/61-06/13/83	5	113.	108.	121.	78.	299.5	17.306	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/04/68-01/19/83	4	97.5	94.75	101.	83.	68.25	8.261	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/19/61-01/19/83	5	9.15	13.298	35.7	4.26	161.114	12.693	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/19/61-01/19/83	5	0.15	0.138	0.16	0.11	0.001	0.026	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/19/61-02/19/61	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/19/61-02/19/61	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/19/61-02/19/61	1	76.	76.	76.	76.	0.	0.	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/19/61-02/19/61	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/19/61-02/19/61	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/19/61-02/19/61	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/19/61-02/19/61	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/19/61-02/19/61	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/19/61-02/19/61	1	44.	44.	44.	44.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/02/82-08/29/91	5	0.02	0.031	0.06	0.005	0.001	0.027	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/19/61-06/19/61	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/19/61-11/04/68	2	6.7	6.7	7.5	5.9	1.28	1.131	**	**	**	**

** - Less 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: MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/02/82-06/13/83	4	0.215	0.208	0.28	0.12	0.005	0.072	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/02/82-02/02/82	1	16.	16.	16.	16.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/60-02/21/61	13	100.	226.692	830.	22.	84267.897	290.289	23.6	47.5	382.5	789.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/24/60-02/21/61	13	22.	208.046	1330.	3.8	175289.636	418.676	4.24	6.45	151.5	1162.8
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/11/82-06/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/27/91-08/29/91	2 ##	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: MONO0018

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
		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.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Annual Analysis for 1960 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	10	21.15	19.45	24.4	7.8	26.647	5.162	8.41	16.825	23.45	24.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	10	76.5	89.7	174.	28.	2397.789	48.967	28.8	49.5	128.	172.4

** - 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 1961 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	3	3.9	2.967	3.9	1.1	2.613	1.617	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	3	547.	507.	677.	297.	37300.	193.132	**	**	**	**

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

Annual Analysis for 1968 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	2	12.25	12.25	14.5	10.	10.125	3.182	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	1	21.	21.	21.	21.	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 1969 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	7	15.	13.214	21.5	0.5	84.071	9.169	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	7	20.5	16.5	26.5	-1.	104.333	10.214	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	7	47.	59.429	188.	17.	3704.952	60.868	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	9	8.5	10.556	23.5	2.5	54.653	7.393	2.5	4.75	16.5	23.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	9	13.	13.722	24.5	4.	44.757	6.69	4.	8.25	19.25	24.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	9	46.	149.	690.	14.	48933.5	221.209	14.	21.5	217.	690.

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	4	18.25	17.	22.5	9.	39.5	6.285	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	4	22.75	22.125	27.	16.	25.729	5.072	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	4	65.5	64.75	90.	38.	511.583	22.618	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	6	23.25	19.417	27.	5.	79.842	8.935	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	6	25.	23.833	35.	7.	95.767	9.786	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	6	45.5	60.667	119.	24.	1431.467	37.835	**	**	**	**

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

Annual Analysis for 1974 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	10	17.25	15.95	27.	5.	55.747	7.466	5.2	8.125	21.875	26.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	9	21.	17.667	28.	3.5	66.188	8.136	3.5	11.	24.25	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	10	39.	70.4	241.	3.	5675.378	75.335	3.2	15.5	119.	230.9

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

Annual Analysis for 1975 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	8	16.5	14.813	24.	5.	57.281	7.568	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	8	12.75	14.688	27.	3.	88.067	9.384	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	8	100.5	88.625	122.	36.	1018.268	31.91	**	**	**	**

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

Annual Analysis for 1976 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	6	12.5	13.25	22.5	6.	36.775	6.064	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	6	14.5	14.75	21.5	6.5	29.675	5.447	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	6	69.	78.833	168.	20.	2364.967	48.631	**	**	**	**

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

Annual Analysis for 1977 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	11	15.5	15.045	24.5	2.	68.723	8.29	2.	9.5	22.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	11	20.	16.091	25.	-2.	84.091	9.17	4.4	10.	24.	25.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	11	37.	45.182	98.	8.	1041.964	32.279	8.2	14.	73.	97.4

** - 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 1978 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	7	13.	12.	24.5	0.5	75.5	8.689	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	6	15.75	15.167	26.	1.5	68.867	8.299	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	7	50.	67.857	184.	21.	3508.143	59.23	**	**	**	**

** - 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 1979 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	7	9.	11.643	25.	0.	96.56	9.826	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	7	11.	11.214	19.5	0.	62.905	7.931	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	7	91.	114.429	264.	35.	5824.286	76.317	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	7	9.	11.786	27.	3.	79.655	8.925	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	7	12.	12.643	31.	-3.	131.226	11.455	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	7	81.	73.857	153.	28.	1985.143	44.555	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	7	13.	15.5	24.	8.5	33.417	5.781	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	7	15.	15.714	25.	9.	41.238	6.422	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	7	47.	54.143	138.	14.	2036.143	45.124	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	9	19.5	14.611	25.	2.	99.611	9.981	2.	3.	23.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	9	19.	14.833	30.	-0.5	155.813	12.482	0.	-0.5	26.5	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	9	46.	57.889	127.	19.	1482.361	38.501	19.	26.	88.	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

Annual Analysis for 1983 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	2	13.5	13.5	24.5	2.5	242.	15.556	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	2	13.	13.	31.	-5.	648.	25.456	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	2	50.5	50.5	74.	27.	1104.5	33.234	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	34	21.25	19.603	26.	10.5	18.798	4.336	13.	15.375	23.	24.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	28	20.	19.571	28.	10.	30.902	5.559	10.9	14.25	24.375	26.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	34	25.5	40.676	174.	8.	1306.286	36.143	14.	19.	56.75	98.
00065	STAGE, STREAM (FEET)	10/08/68-01/19/83	23	1.88	1.98	2.87	1.53	0.132	0.364	1.586	1.75	2.14	2.736

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	40	5.	5.478	13.9	0.	12.969	3.601	1.01	2.125	8.5	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	33	-0.5	6.242	25.	-5.	44.486	6.67	1.7	4.5	10.	15.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	39	90.	123.923	677.	18.	17391.283	131.876	29.	50.	119.	264.
00065	STAGE, STREAM (FEET)	10/08/68-01/19/83	29	2.63	2.611	3.52	1.62	0.207	0.455	1.88	2.35	2.895	3.26

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station MONO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/60-06/27/91	42	20.3	18.495	27.	6.	38.336	6.192	8.65	13.625	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/08/68-06/27/91	39	20.5	21.231	35.	10.5	39.827	6.311	12.	16.	26.5	31.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/60-06/27/91	42	67.5	90.476	690.	3.	12072.499	109.875	20.3	37.75	96.	163.5
00065	STAGE, STREAM (FEET)	10/08/68-01/19/83	37	2.48	2.569	4.94	1.21	0.453	0.673	1.782	2.2	2.89	3.254

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

Station Inventory for Station: MONO0019

NPS Station ID: MONO0019 | LAT/LON: 39.318281/ -77.333448 | Agency: 11NPSWRD | Date Created: 02/20/99
Location: BENNETT CREEK SITE FR-P-015-304 | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_MDDNR_304
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-015-304 IS LOCATED AT BENNETT CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/96-08/19/96	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/19/96-03/19/96	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/96-03/19/96	1	153.	153.	153.	153.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/96-08/19/96	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/19/96-03/19/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/19/96-03/19/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/96-03/19/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/19/96-03/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/19/96-03/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/96-03/19/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/19/96-03/19/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/19/96-03/19/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/96-03/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/19/96-03/19/96	1	446.	446.	446.	446.	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/19/96-03/19/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0020

NPS Station ID: MONO0020
LAT/LON: 39.474170/ -77.340559
Agency: 112WRD
Date Created: 11/06/82
Location: ISRAEL C NR WALKERSVILLE, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01642050
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 29.20
On/Off RF1:
RF3 Index: 02070009004800.86
RF3 Mile Point: 8.30
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/82-06/27/91	5	21.8	16.22	25.8	0.4	121.102	11.005	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/83-06/27/91	3	28.7	17.233	29.	-6.	404.863	20.121	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/91-06/27/91	1	762.	762.	762.	762.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/82-06/27/91	5	10.	11.8	29.	3.	114.7	10.71	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/11/82-06/14/83	4	8.	10.25	20.	5.	44.25	6.652	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/82-06/27/91	5	352.	347.	452.	230.	6687.	81.774	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/11/82-06/27/91	4	9.05	9.3	11.7	7.4	3.9	1.975	**	**	**	**
00400	PH (STANDARD UNITS)	03/11/82-06/27/91	5	8.1	8.08	8.3	7.9	0.022	0.148	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/11/82-06/27/91	5	8.1	8.061	8.3	7.9	0.022	0.15	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/82-06/27/91	5	0.008	0.009	0.013	0.005	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/11/82-06/27/91	5	7.9	7.88	8.2	7.5	0.067	0.259	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/11/82-06/27/91	5	7.9	7.816	8.2	7.5	0.072	0.269	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/82-06/27/91	5	0.013	0.015	0.032	0.006	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/83-06/14/83	2	122.5	122.5	130.	115.	112.5	10.607	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/27/91-06/27/91	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/91-06/27/91	1	149.	149.	149.	149.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/11/82-03/11/82	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/91-08/29/91	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/27/91-06/27/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/91-08/29/91	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/19/83-01/19/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/82-08/29/91	4	0.55	0.56	0.74	0.4	0.021	0.145	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/82-08/29/91	6	2.75	2.717	3.4	2.2	0.19	0.436	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/19/83-06/27/91	2	3.	3.	3.3	2.7	0.18	0.424	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/19/83-01/19/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/82-08/29/91	6	0.055	0.055	0.08	0.03	0.	0.019	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/19/83-01/19/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/19/83-06/27/91	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/82-06/14/83	4	1.9	1.875	2.3	1.4	0.196	0.443	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/82-01/19/83	3	140.	136.	170.	98.	1308.	36.166	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/82-06/27/91	5	51.	48.6	64.	30.	159.8	12.641	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/82-06/27/91	5	8.1	8.28	11.	5.6	3.687	1.92	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/82-06/27/91	5	7.3	7.52	10.	5.5	2.597	1.612	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/11/82-01/19/83	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/11/82-01/19/83	3	10.	9.667	11.	8.	2.333	1.528	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/82-06/27/91	5	2.9	3.1	3.9	2.3	0.38	0.616	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/82-06/27/91	5	15.	16.2	24.	11.	22.7	4.764	**	**	**	**

** - Less 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: MONO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/82-06/27/91	5	35.	38.6	61.	26.	176.3	13.278	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/82-06/27/91	5 ##	0.05	0.07	0.1	0.05	0.001	0.027	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/82-06/27/91	5	6.8	6.54	7.2	5.4	0.608	0.78	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	03/11/82-06/14/83	4	245.	230.	270.	160.	2466.667	49.666	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/11/82-06/14/83	4	270.	257.5	300.	190.	2491.667	49.917	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/11/82-06/27/91	5	29.	38.	85.	16.	726.	26.944	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/11/82-06/14/83	4	10.	10.	20.	0.	66.667	8.165	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/11/82-06/14/83	4	55.	52.5	60.	40.	91.667	9.574	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/82-06/27/91	5	46.	48.4	72.	28.	252.8	15.9	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	310.	310.	310.	310.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/27/91-06/27/91	1	2.491	2.491	2.491	2.491	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			310.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/27/91-06/27/91	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			700.								
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38401	AMETRYN WATER,DISSUG/L	06/27/91-08/29/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38535	PROPAZINE WATER,DISSUG/L	06/27/91-08/29/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/82-06/27/91	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/82-06/27/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/27/91-08/29/91	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/11/82-06/27/91	2 ##	4.525	4.525	9.	0.05	40.051	6.329	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	06/27/91-08/29/91	2	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/11/82-06/27/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/27/91-08/29/91	2 ##	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/82-06/14/83	4	206.	200.5	245.	145.	1773.667	42.115	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/82-01/19/83	3	180.	166.	198.	120.	1668.	40.841	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/11/82-01/19/83	3	7.14	6.753	11.2	1.92	21.642	4.652	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/82-01/19/83	3	0.27	0.267	0.33	0.2	0.004	0.065	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/11/82-08/29/91	5	0.03	0.032	0.05	0.02	0.	0.013	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/82-06/14/83	4	0.15	0.16	0.25	0.09	0.005	0.071	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/11/82-03/11/82	1	16.	16.	16.	16.	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/11/82-06/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/27/91-08/29/91	2 ##	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: MONO0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	250.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	2	0	0.00	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: MONO0021

NPS Station ID: MONO0021 | LAT/LON: 39.440892/ -77.350449 | Agency: 11NPSWRD | Date Created: 02/20/99
Location: ADDISON RUN SITE FR-P-409-210 | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_MDDNR_210
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WALKERSVILLE MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-409-210 IS LOCATED AT ADDISON RUN. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/96-06/06/96	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/96-03/06/96	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/96-03/06/96	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/06/96-06/06/96	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/96-03/06/96	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/96-03/06/96	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/96-03/06/96	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/06/96-03/06/96	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/06/96-03/06/96	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/96-03/06/96	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/06/96-03/06/96	1	3.85	3.85	3.85	3.85	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/06/96-03/06/96	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/06/96-03/06/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/06/96-03/06/96	1	1519.4	1519.4	1519.4	1519.4	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/06/96-03/06/96	1	3.	3.	3.	3.	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: MONO0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0022

NPS Station ID: MONO0022 | LAT/LON: 39.355115/ -77.350892 | Agency: 11NPSWRD | Date Created: 09/26/98
Location: MDFR526R | | FIPS State/County: 24021 MARYLAND/FREDERICK |
Station Type: /TYPA/AMBNT/SPRING | | STORET Station ID(s): MONO_NURE_03 /4097784 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | | |
HUC: 02070009 | Depth of Water: 0 | Aquifer: | |
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id: | |
Minor Basin: POTOMAC RIVER | | ECO Region: | |
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1: |
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3: |

Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) FIELD ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MONO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/77-05/25/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/77-05/25/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/25/77-05/25/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/25/77-05/25/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/77-05/25/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/77-05/25/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/25/77-05/25/77	1	4.03	4.03	4.03	4.03	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/25/77-05/25/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/25/77-05/25/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/25/77-05/25/77	1	47.	47.	47.	47.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/25/77-05/25/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/77-05/25/77	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/77-05/25/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	05/25/77-05/25/77	1 ##	0.001	0.001	0.001	0.001	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: MONO0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	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: MONO0023

NPS Station ID: MONO0023
LAT/LON: 39.407503/ -77.363448
Agency: 21MDEXP
Date Created: 10/11/80
Location: JUST ABOVE MOUTH OF LINGANORE CREEK
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0176
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009006
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000509.92
RF3 Mile Point: 12.61
Distance from RF3: 0.02
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 17.60
RECEIVING TRIBUTARY IS POTOMAC RIVER JUST ABOVE MOUTH OF LINGANORE CREEK

Parameter Inventory for Station: MONO0023

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

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

Station Inventory for Station: MONO0024

NPS Station ID: MONO0024 LAT/LON: 39.351059/ -77.365448 Agency: 11NPSWRD Date Created: 02/20/99
Location: TRIBUTARY TO BUSH CREEK SITE FR-P-360-220 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_MDDNR_220
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-360-220 IS LOCATED AT A TRIBUTARY TO BUSH CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/96-06/10/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	237.	237.	237.	237.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/96-06/10/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.069	0.069	0.069	0.069	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	5.54	5.54	5.54	5.54	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	880.5	880.5	880.5	880.5	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	1	3.	3.	3.	3.	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: MONO0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0025

NPS Station ID: MONO0025 LAT/LON: 39.403610/ -77.366112 Agency: 112WRD Date Created: 02/19/76
Location: MONOCACY R AT JUG BRIDGE NR FREDERICK, MD FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01643000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 02070009003312.41 RF3 Mile Point: 14.48 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: MONO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/59-08/21/87	80	17.35	15.055	26.5	0.	70.223	8.38	2.58	6.55	22.725	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/05/75-08/21/87	52	19.75	17.106	34.	-2.5	91.592	9.57	6.15	-1.25	25.875	27.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/59-08/21/87	84	437.5	1283.06	12500.	79.	5501104.201	2345.443	135.	188.25	1327.5	3235.
00065	STAGE, STREAM (FEET)	11/05/75-08/21/87	48	1.865	1.989	3.25	1.26	0.341	0.584	1.319	1.45	2.508	2.895
00080	COLOR (PLATINUM-COBALT UNITS)	03/13/62-03/13/62	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/13/62-03/13/62	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/13/62-03/13/62	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/13/62-03/13/62	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/62-03/13/62	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/13/62-03/13/62	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/13/62-03/13/62	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/13/62-03/13/62	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/13/62-03/13/62	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/13/62-03/13/62	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/13/62-03/13/62	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/13/62-03/13/62	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/62-03/13/62	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/13/62-03/13/62	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/13/62-03/13/62	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/13/62-03/13/62	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/13/62-03/13/62	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/13/62-03/13/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/13/62-03/13/62	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/03/61-09/08/61	9	93.	92.111	99.	83.	20.111	4.485	83.	89.5	94.5	99.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	01/03/61-09/08/61	9	95.	93.667	99.	87.	12.75	3.571	87.	91.	96.	99.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	01/03/61-09/08/61	9	98.	97.556	100.	95.	2.778	1.667	95.	96.	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	01/03/61-09/08/61	9	99.	98.778	100.	97.	1.444	1.202	97.	97.5	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	03/09/61-04/26/61	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/03/61-09/08/61	9	11.	13.333	32.	5.	63.5	7.969	5.	8.5	16.5	32.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/03/61-09/08/61	9	26.	27.111	60.	11.	193.111	13.896	11.	18.5	29.5	60.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/03/61-09/08/61	9	43.	44.556	79.	15.	300.528	17.336	15.	36.	52.5	79.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/03/61-09/08/61	9	70.	68.	94.	36.	244.	15.62	36.	61.	75.5	94.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/03/61-09/08/61	9	85.	84.778	99.	64.	96.444	9.821	64.	81.	92.	99.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/13/62-03/13/62	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/03/59-09/08/61	30	117.5	183.967	630.	5.	30098.723	173.49	20.3	38.5	326.25	484.1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/03/59-09/30/60	21	392.	539.781	2390.	4.9	382544.813	618.502	7.2	41.5	922.5	1356.

** - Less 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: MONO0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
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						
71850	NITRATE NITROGEN, TOTAL (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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station MONO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/59-08/21/87	25	21.7	20.92	25.6	12.5	11.683	3.418	14.9	19.2	23.	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/05/75-08/21/87	17	23.	22.029	29.	10.5	21.421	4.628	14.9	19.25	26.	26.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/59-08/21/87	28	174.	569.429	2000.	79.	438953.513	662.536	103.5	120.	1088.75	1899.
00065	STAGE, STREAM (FEET)	11/05/75-08/21/87	15	1.42	1.429	1.85	1.26	0.025	0.157	1.272	1.31	1.51	1.718

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/59-08/21/87	30	5.	5.623	14.5	0.	12.325	3.511	2.	2.425	8.625	10.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/05/75-08/21/87	19	8.	7.079	24.	-2.5	39.868	6.314	4.5	6.	10.	16.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/59-08/21/87	31	744.	2380.097	12500.	156.	12178087.357	3489.712	212.	410.	2790.	9794.
00065	STAGE, STREAM (FEET)	11/05/75-08/21/87	17	2.58	2.458	3.25	1.48	0.299	0.547	1.552	2.045	2.915	3.13

** - 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: 4/01 to 7/31 - Station MONO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/59-08/21/87	25	22.2	20.508	26.5	8.3	26.575	5.155	11.76	17.1	25.	25.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/05/75-08/21/87	16	24.5	23.781	34.	9.	38.366	6.194	12.85	21.25	28.	31.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/59-08/21/87	25	393.	722.	4140.	135.	831660.	911.954	166.8	222.	568.	2040.
00065	STAGE, STREAM (FEET)	11/05/75-08/21/87	16	2.11	2.014	2.54	1.41	0.164	0.404	1.466	1.618	2.423	2.519

** - Less than 9 observations ## - Computed 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: MONO0026

NPS Station ID: MONO0026
LAT/LON: 39.398059/ -77.366670
Agency: 1112A9WQ
Date Created: / /
Location: MONOACY AT RT 40 111
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UP-POT-111 /POTOMAC 111 /111 /MONAC 111
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 10.560
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000900.98
RF3 Mile Point: 1.57
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	3	11.	10.667	19.	2.	72.333	8.505	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	3	10.3	9.767	13.2	5.8	13.903	3.729	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/72-04/16/73	4	3.1	3.05	3.9	2.1	0.57	0.755	**	**	**	**
00400	PH (STANDARD UNITS)	05/25/72-05/25/72	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/25/72-05/25/72	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/72-05/25/72	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/72-04/16/73	4	0.155	0.183	0.295	0.125	0.006	0.076	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/25/72-04/16/73	4	0.614	0.634	0.867	0.44	0.042	0.204	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/72-04/16/73	4	2.01	2.205	2.9	1.9	0.217	0.466	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/72-04/16/73	4	0.205	0.285	0.6	0.13	0.047	0.216	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/25/72-02/15/73	3	2.4	3.033	4.5	2.2	1.623	1.274	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/25/72-02/15/73	3	15.4	17.633	25.	12.5	42.803	6.542	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/72-05/25/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/25/72-05/25/72	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/25/72-05/25/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/25/72-05/25/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/25/72-05/25/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/25/72-05/25/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/25/72-05/25/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/73-04/16/73	2	8850.	8850.	16000.	1700.	102245000.	10111.627	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/73-04/16/73	2	3.717	3.717	4.204	3.23	0.474	0.688	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5215.362								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	2	705.	705.	1100.	310.	312050.	558.614	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	2	2.766	2.766	3.041	2.491	0.151	0.389	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			583.952								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/25/72-04/16/73	4	0.375	0.483	0.94	0.24	0.103	0.321	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/25/72-05/25/72	1	0.001	0.001	0.001	0.001	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: MONO0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	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	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			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	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			

& - 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: MONO0027

NPS Station ID: MONO0027 | LAT/LON: 39.358809/ -77.366699 | Agency: 11NPSWRD | Date Created: 02/20/99
Location: BUSH CREEK SITE FR-P-421-306 | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_MDDNR_306
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE URBANA MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-421-306 IS LOCATED AT BUSH CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/96-08/28/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/28/96-08/28/96	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.102	0.102	0.102	0.102	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	2.93	2.93	2.93	2.93	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	739.	739.	739.	739.	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	1	3.	3.	3.	3.	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: MONO0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0028

NPS Station ID: MONO0028
LAT/LON: 39.398059/ -77.367226
Agency: 1113PPWQ
Date Created: / /
Location: MONOCACY R. US 40 BR BARTONSVILL
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 082 /082 /MON-MR4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 10.560
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000507.26
RF3 Mile Point: 7.26
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	24.25	24.25	24.5	24.	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	247.5	247.5	450.	45.	82012.5	286.378	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	2	4.4	4.4	5.2	3.6	1.28	1.131	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	6.7	6.7	7.6	5.8	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.355	0.355	0.39	0.32	0.002	0.049	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	2.385	2.385	3.246	1.524	1.483	1.218	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.125	1.125	1.43	0.82	0.186	0.431	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	160900.	160900.	160900.	160900.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	5.207	5.207	5.207	5.207	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			160900.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	160450.	160450.	160900.	160000.	405000.	636.396	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	5.205	5.205	5.207	5.204	0.	0.002	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			160449.369								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	45.	45.	45.	45.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	1.86	1.86	2.7	1.02	1.411	1.188	**	**	**	**

** - 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: MONO0028

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	1	1	1.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	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: MONO0029

NPS Station ID: MONO0029 LAT/LON: 39.398143/ -77.368338 Agency: 21MDEXP Date Created: 10/11/80
Location: JUG BRIDGE US ROUTE 40 WEST USGS GAGING STATION- FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MON0167
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009005 RF1 Mile Point: 10.560 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009000507.26 RF3 Mile Point: 7.26 Distance from RF3: 0.11 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 16.70
RECEIVING TRIBUTARY IS POTOMAC RIVER JUG BRIDGE US ROUTE 40 WEST USGS GAGING STATION-01643000

Parameter Inventory for Station: MONO0029

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

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

Station Inventory for Station: MONO0030

NPS Station ID: MONO0030
LAT/LON: 39.360282/ -77.369171
Agency: 112WRD
Date Created: 06/05/82
Location: BUSH C AT REELS MILL, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01643110
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 02070009004300.00
RF3 Mile Point: 0.77
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-06/15/83	4	13.8	12.125	20.7	0.2	102.823	10.14	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/20/83-06/15/83	2	11.25	11.25	27.	-4.5	496.125	22.274	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/82-06/15/83	4	19.	22.	43.	7.	244.667	15.642	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/18/82-06/15/83	4	12.	11.75	18.	5.	34.25	5.852	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/82-06/15/83	4	220.	226.75	277.	190.	1364.917	36.945	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/82-06/15/83	2	7.6	7.6	8.3	6.9	0.98	0.99	**	**	**	**
00400	PH (STANDARD UNITS)	03/18/82-06/15/83	4	7.9	8.	8.7	7.5	0.28	0.529	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/18/82-06/15/83	4	7.855	7.813	8.7	7.5	0.327	0.571	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-06/15/83	4	0.014	0.015	0.032	0.002	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/82-06/15/83	4	7.7	7.625	7.8	7.3	0.049	0.222	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/82-06/15/83	4	7.7	7.577	7.8	7.3	0.052	0.228	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-06/15/83	4	0.02	0.026	0.05	0.016	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/83-06/15/83	2	60.5	60.5	64.	57.	24.5	4.95	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/18/82-03/18/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/82-06/15/83	2	0.505	0.505	0.61	0.4	0.022	0.148	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/82-06/15/83	4	2.15	1.873	2.7	0.49	0.998	0.999	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/83-01/20/83	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/82-06/15/83	4	0.045	0.04	0.05	0.02	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/20/83-01/20/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/83-01/20/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/82-06/15/83	3	1.7	1.667	2.1	1.2	0.203	0.451	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/82-01/20/83	3	75.	74.333	79.	69.	25.333	5.033	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/82-06/15/83	4	20.5	20.5	22.	19.	3.	1.732	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/82-06/15/83	4	5.05	5.15	5.8	4.7	0.257	0.507	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/82-06/15/83	4	11.5	12.15	16.	9.6	8.89	2.982	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/82-01/20/83	3	0.7	0.7	0.9	0.5	0.04	0.2	**	**	**	**
00932	SODIUM, PERCENT	03/18/82-01/20/83	3	26.	27.	33.	22.	31.	5.568	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-06/15/83	4	2.05	2.075	2.3	1.9	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/82-06/15/83	4	24.	24.75	31.	20.	26.917	5.188	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/82-06/15/83	4	8.5	9.	12.	7.	6.	2.449	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-06/15/83	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/82-06/15/83	4	6.3	6.325	7.5	5.2	1.049	1.024	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MONO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01044	IRON, SUSPENDED (UG/L AS FE)	03/18/82-06/15/83	4	210.	237.5	360.	170.	7091.667	84.212	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/18/82-06/15/83	4	270.	297.5	440.	210.	10425.	102.103	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/82-06/15/83	4	60.	58.75	77.	38.	426.25	20.646	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/18/82-06/15/83	4	5.	10.	30.	0.	200.	14.142	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/18/82-06/15/83	4	60.	57.5	70.	40.	158.333	12.583	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/82-06/15/83	4	51.5	48.25	63.	27.	303.583	17.424	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/82-06/15/83	4	137.	136.	142.	128.	34.	5.831	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-01/20/83	3	109.	112.	119.	108.	37.	6.083	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/18/82-01/20/83	3	5.1	7.987	16.	2.86	49.415	7.03	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-01/20/83	3	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/18/82-06/15/83	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/82-06/15/83	4	0.135	0.12	0.15	0.06	0.002	0.042	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/18/82-03/18/82	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	1 ##	0.005	0.005	0.005	0.005	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: MONO0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	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

Station Inventory for Station: MONO0031

NPS Station ID: MONO0031
LAT/LON: 39.431671/ -77.370560
Agency: 1112A9WQ
Date Created: / /
Location: MONOCACY RIV E OF FREDRICK 110
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UP-POT-110 /POTOMAC 110 /110 /MONAC 110
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 1.360
Distance from RF1: 2.40
On/Off RF1: OFF
RF3 Index: 02070009060200.00
RF3 Mile Point: 0.06
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/73-04/16/73	2	6.5	6.5	11.5	1.5	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	3	10.6	10.8	13.4	8.4	6.28	2.506	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/72-04/16/73	3	1.7	1.633	2.	1.2	0.163	0.404	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/72-04/16/73	3	0.09	0.087	0.115	0.055	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/72-04/16/73	3	0.535	0.519	0.563	0.46	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/72-04/16/73	3	1.95	2.167	2.8	1.75	0.311	0.558	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/20/72-04/16/73	3	0.1	0.107	0.14	0.08	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/20/72-02/15/73	2	2.1	2.1	2.3	1.9	0.08	0.283	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	09/20/72-02/15/73	2	17.75	17.75	23.	12.5	55.125	7.425	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/73-04/16/73	2	1575.	1575.	2200.	950.	781250.	883.883	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/73-04/16/73	2	3.16	3.16	3.342	2.978	0.067	0.258	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1445.683								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	2	280.	280.	330.	230.	5000.	70.711	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/15/73-04/16/73	2	2.44	2.44	2.519	2.362	0.012	0.111	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			275.5								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/20/72-04/16/73	3	0.16	0.203	0.32	0.13	0.01	0.102	**	**	**	**

** - Less 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: MONO0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	0	0.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00				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: MONO0032

NPS Station ID: MONO0032
LAT/LON: 39.452781/ -77.370837
Agency: 1113PPWQ
Date Created: / /
Location: MONOCACY R. RTE 26 BR CERESVILLE
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 084 /084 /MON-MR6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 6.590
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000902.24
RF3 Mile Point: 2.24
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	87.5	87.5	150.	25.	7812.5	88.388	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	2	5.7	5.7	6.	5.4	0.18	0.424	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	5.2	5.2	6.4	4.	2.88	1.697	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.17	0.17	0.237	0.102	0.009	0.095	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	2.022	2.022	3.33	0.714	3.422	1.85	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.25	1.25	1.66	0.84	0.336	0.58	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	126350.	126350.	160900.	91800.	2387405000.	48861.079	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	5.085	5.085	5.207	4.963	0.03	0.172	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			121534.44								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	107550.	107550.	160900.	54200.	5692445000.	75448.294	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	4.97	4.97	5.207	4.734	0.112	0.334	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			93385.117								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	1.37	1.37	1.98	0.76	0.744	0.863	**	**	**	**

** - Less 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: MONO0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	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: MONO0033

NPS Station ID: MONO0033 LAT/LON: 39.452504/ -77.371809 Agency: 21MDEXP Date Created: 10/11/80
Location: CERESVILLE BRIDGE ON MARYLAND ROUTE 26 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MON0241
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 6.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009000903.74 RF3 Mile Point: 4.05 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-03 UPPER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 24.10
RECEIVING TRIBUTARY IS POTOMAC RIVER CERESVILLE BRIDGE ON MARYLAND ROUTE 26

Parameter Inventory for Station: MONO0033

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

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

Station Inventory for Station: MONO0034

NPS Station ID: MONO0034 LAT/LON: 39.387782/ -77.377781 Agency: 112WRD Date Created: / /
Location: MONOCACY R AT REICHS FORD BRIDGE NR FREDERICK FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01643020
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 23.50 On/Off RF1:
RF3 Index: 02070009004603.73 RF3 Mile Point: 3.73 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	357	12.5	13.171	29.	0.	76.209	8.73	1.5	5.	21.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	201	17.	16.709	35.	-7.	105.786	10.285	4.1	-5.75	25.	29.9
00025	BAROMETRIC PRESSURE (MM OF HG)	04/21/93-06/21/96	26	759.	758.5	769.	745.	28.9	5.376	751.7	755.5	762.	765.2
00060	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	142	742.5	2787.07	72600.	24.	47798660.775	6913.658	98.5	237.25	2765.	8892.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	342	601.	2626.523	74000.	24.	41534117.054	6444.697	141.6	242.	1762.5	7723.
00065	STAGE, STREAM (FEET)	10/13/66-06/21/96	81	2.44	4.227	19.6	1.3	19.107	4.371	1.466	1.795	3.92	11.728
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	127	9.	22.197	250.	1.	1384.62	37.21	2.	4.	30.	51.
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	76	5.	7.724	60.	0.	71.083	8.431	1.	3.	10.	15.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/08/69-10/08/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	287	235.	240.498	463.	87.	3860.237	62.131	167.8	200.	290.	320.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	197	9.8	9.923	15.2	4.3	7.356	2.712	6.4	7.55	12.25	13.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/28/82-02/24/83	3	81.	81.	81.	81.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	125	2.6	2.918	8.7	0.3	2.995	1.731	1.2	1.6	3.8	5.6
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	116	13.	14.397	55.	2.	74.328	8.621	5.7	8.	18.	26.3
00340	COD, .25N K2CR2O7 MG/L	12/20/78-02/14/79	5	20.	25.6	64.	7.	509.3	22.568	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	282	7.5	7.547	9.2	6.1	0.224	0.474	7.	7.3	7.8	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	282	7.5	7.299	9.2	6.1	0.286	0.534	7.	7.3	7.8	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	282	0.032	0.05	0.794	0.001	0.006	0.075	0.008	0.016	0.05	0.1
00403	PH, LAB, STANDARD UNITS SU	11/24/80-06/21/96	35	7.6	7.563	8.5	7.	0.105	0.324	7.06	7.4	7.8	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-06/21/96	35	7.6	7.453	8.5	7.	0.117	0.342	7.06	7.4	7.8	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-06/21/96	35	0.025	0.035	0.1	0.003	0.001	0.026	0.012	0.016	0.04	0.088
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	188	3.6	5.725	43.	0.1	43.82	6.62	1.3	2.3	5.6	14.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	198	65.	66.152	143.	15.	612.078	24.74	36.	48.	84.25	100.1
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/73-12/05/73	3	6.	7.	12.	3.	21.	4.583	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	194	78.	79.933	174.	18.	886.695	29.777	44.	58.	102.5	121.5
00445p	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	97	0.	0.124	9.	0.	0.922	0.96	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	06/08/94-09/21/94	4	5.	7.25	17.	2.	46.917	6.85	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/21/93-06/21/96	18	86.	82.111	132.	37.	926.222	30.434	38.8	49.5	101.75	131.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	121	20.	38.711	425.	0.	3905.041	62.49	3.2	9.	41.	89.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	112	0.	0.589	20.	0.	6.136	2.477	0.	0.	0.	1.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	12/20/78-02/14/79	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/29/93-07/29/93	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	07/29/93-07/29/93	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	120	2.85	2.885	4.2	1.4	0.257	0.507	2.205	2.525	3.2	3.69
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	119	0.49	0.541	1.7	0.	0.107	0.328	0.21	0.29	0.74	1.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/19/72-06/21/96	23	0.05	0.155	0.8	0.02	0.058	0.241	0.02	0.02	0.12	0.71
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	122	0.17	0.226	0.98	0.005	0.032	0.178	0.06	0.1	0.293	0.487
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/73-06/21/96	22	0.02	0.026	0.07	0.004	0.	0.016	0.01	0.018	0.04	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

Parameter Inventory for Station: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	125	0.03	0.045	0.16	0.003	0.001	0.036	0.01	0.02	0.06	0.1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	76	1.85	1.705	3.1	0.02	0.621	0.788	0.38	1.2	2.3	2.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	125	2.	2.071	3.4	0.48	0.278	0.527	1.46	1.7	2.4	2.8
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/21/93-06/21/96	21	0.4	0.476	1.4	0.3	0.076	0.276	0.3	0.3	0.55	0.94
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	144	0.67	0.765	2.3	0.1	0.164	0.405	0.315	0.435	0.995	1.3
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	136	2.1	2.123	4.1	0.5	0.298	0.546	1.5	1.8	2.4	2.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/73-06/21/96	25	2.8	2.884	6.1	1.6	1.031	1.015	1.66	2.1	3.3	4.22
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/09/65-09/04/66	11	0.54	0.518	1.4	0.04	0.173	0.415	0.056	0.14	0.85	1.298
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/28/82-02/24/83	3	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	159	0.22	0.259	0.81	0.06	0.023	0.152	0.1	0.13	0.35	0.46
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/21/93-06/21/96	21	0.16	0.154	0.43	0.04	0.009	0.094	0.042	0.085	0.205	0.26
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/28/82-06/21/96	24	0.135	0.148	0.43	0.03	0.008	0.09	0.045	0.078	0.2	0.25
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	120	5.3	5.765	15.	1.4	8.081	2.843	2.81	3.5	7.375	9.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/21/93-06/21/96	21	3.3	4.219	8.2	1.8	4.701	2.168	2.3	2.8	6.3	7.96
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	04/21/93-06/21/96	20	1.45	1.95	5.1	0.2	2.628	1.621	0.31	0.55	3.25	4.96
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/08/69-12/05/73	5	0.01	0.406	2.	0.	0.794	0.891	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	171	90.	92.994	170.	30.	719.571	26.825	56.2	75.	110.	130.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	147	26.	28.082	140.	5.	260.747	16.148	17.	22.	32.	37.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	189	28.	28.932	53.	8.6	86.886	9.321	16.	22.	36.5	42.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	100	27.5	28.19	63.	10.	71.327	8.446	18.1	22.	33.75	39.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	189	5.6	5.567	9.3	1.8	1.738	1.318	3.9	4.8	6.5	7.2
00926	MAGNESIUM, SUSPENDED (MG/L AS MG)	11/29/78-11/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	100	5.8	6.458	28.	3.4	12.304	3.508	4.71	5.1	6.575	7.49
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	101	6.	6.598	15.	1.1	5.941	2.437	4.04	4.9	7.85	9.94
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	187	7.	7.941	26.	1.6	14.926	3.863	4.3	5.4	9.2	12.2
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	164	0.3	0.341	0.9	0.1	0.02	0.142	0.2	0.3	0.4	0.5
00932p	SODIUM, PERCENT	10/14/63-02/24/83	163	13.	14.368	34.	8.	16.345	4.043	11.	12.	15.	18.
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/09/65-08/09/65	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	186	2.9	2.996	7.4	0.7	1.202	1.096	1.7	2.1	3.7	4.5
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	100	2.45	2.668	5.1	1.2	0.894	0.945	1.61	1.9	3.3	4.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	231	11.	12.926	53.	4.	38.686	6.22	7.	9.	15.	21.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	230	18.	18.43	33.	8.	14.019	3.744	14.	16.	21.	23.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	126	0.1	0.151	0.7	0.	0.009	0.095	0.05	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	149	5.3	5.113	9.8	0.	6.332	2.516	1.6	3.2	7.25	8.4
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	111	1.	1.063	4.	0.5	0.573	0.757	0.5	0.5	1.	2.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/69-03/13/73	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	123 ##	0.	0.659	5.	0.	1.341	1.158	0.	0.	1.	2.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/73-03/13/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/06/72-12/06/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	124 ##	10.	8.871	30.	0.	34.487	5.873	0.	10.	10.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/69-03/13/73	3 ##	0.	6.333	19.	0.	120.333	10.97	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	123 ##	4.	4.569	30.	0.	25.395	5.039	0.	0.	9.	10.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	08/16/78-07/19/83	11	560.	630.909	1300.	160.	137909.091	371.361	176.	250.	960.	1260.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	170	455.	950.647	15000.	0.	3452045.141	1857.968	140.	210.	1000.	1690.
01046p	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	81	40.	51.957	360.	1.5	3049.189	55.219	16.2	25.	60.	100.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/69-03/13/73	3 ##	1.	1.667	4.	0.	4.333	2.082	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	123	7.	10.163	48.	0.	91.121	9.546	2.	4.	13.	23.6
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	1	460.	460.	460.	460.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/28/76-07/19/83	54	50.	59.815	430.	0.	5511.286	74.238	5.	10.	70.	150.
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	179	60.	88.156	1300.	0.	14305.571	119.606	5.	30.	110.	170.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	83	29.	38.747	420.	0.	2562.533	50.621	5.8	18.	40.	88.4
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	121 ##	0.	0.322	5.	0.	0.704	0.839	0.	0.	0.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/69-11/29/78	7 ##	10.	22.857	100.	0.	1190.476	34.503	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	119 ##	10.	19.664	300.	0.	1011.75	31.808	0.	10.	20.	40.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	123	280.	691.789	10000.	20.	1957288.578	1399.031	50.	110.	700.	1400.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/08/69-11/29/78	7	50.	47.143	100.	20.	790.476	28.115	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	03/15/78-11/29/78	4	355.	2672.5	9900.	80.	23247158.333	4821.531	**	**	**	**

** - Less 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: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/08/69-10/08/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	10/08/69-10/08/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	10/08/69-10/08/69	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
03501	BETA, TOTAL	10/08/69-10/08/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	10/08/69-09/19/72	2	5.35	5.35	7.1	3.6	6.125	2.475	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	10/08/69-10/08/69	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5 ##	0.004	0.005	0.008	0.004	0.	0.002	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5 ##	0.001	0.002	0.004	0.001	0.	0.002	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5	0.8	0.607	1.1	0.094	0.212	0.46	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5	0.033	0.034	0.048	0.025	0.	0.009	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	06/08/94-06/21/96	2	0.1	0.1	0.1	0.099	0.	0.001	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5	0.17	0.14	0.24	0.031	0.009	0.095	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.004	0.002	0.	0.001	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	106	1200.	6266.481	87000.	0.	162456548.857	12745.844	9.7	117.5	6100.	19900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	106	3.079	2.84	4.94	-0.301	1.501	1.225	0.986	2.07	3.785	4.298
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			692.187								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-02/14/79	58	260.	2482.474	35000.	0.5	32729252.714	5720.949	0.5	27.75	1725.	8020.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-02/14/79	58	2.415	2.218	4.544	-0.301	1.844	1.358	-0.301	1.443	3.237	3.904
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			165.371								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/27/76-02/14/79	57	320.	6623.386	83000.	4.	260832290.527	16150.303	36.	140.	2250.	27200.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/27/76-02/14/79	57	2.505	2.751	4.919	0.602	1.029	1.015	1.556	2.146	3.352	4.433
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			564.053								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/15/74-10/13/76	64	235.	2632.555	59000.	0.	66801101.072	8173.194	10.	59.	1200.	8550.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/15/74-10/13/76	64	2.369	2.368	4.771	-0.301	1.157	1.076	0.962	1.769	3.079	3.929
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			233.094								
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	98	0.003	0.011	0.15	0.	0.001	0.024	0.	0.001	0.009	0.026
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	94	0.	0.003	0.047	0.	0.	0.007	0.	0.	0.002	0.006
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/08/69-09/14/73	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	06/08/94-06/21/96	5 ##	0.001	0.002	0.004	0.001	0.	0.001	**	**	**	**
34653	P,P'-DDE DISSUG/L	06/08/94-06/21/96	5 ##	0.003	0.004	0.005	0.003	0.	0.001	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	08/01/95-08/01/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34795	ANTIMONY,SED,BOT,	08/01/95-08/01/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34800	ARSENIC,SED,BOT,WET SIEVE,	08/01/95-08/01/95	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
34805	BARIUM,SED,BOT,	08/01/95-08/01/95	1	630.	630.	630.	630.	0.	0.	**	**	**	**
34810	BERYLLIUM,SED,BOT,WET SIEVE,	08/01/95-08/01/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,SED,BOT,WET SIEVE,	08/01/95-08/01/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,SED,BOT,	08/01/95-08/01/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34830	CALCIUM,SED,BOT,	08/01/95-08/01/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34835	CERIUM,SED,BOT,	08/01/95-08/01/95	1	120.	120.	120.	120.	0.	0.	**	**	**	**
34840	CHROMIUM,SED,BOT,	08/01/95-08/01/95	1	110.	110.	110.	110.	0.	0.	**	**	**	**
34845	COBALT,SED,BOT,	08/01/95-08/01/95	1	24.	24.	24.	24.	0.	0.	**	**	**	**
34850	COPPER,SED,BOT,	08/01/95-08/01/95	1	39.	39.	39.	39.	0.	0.	**	**	**	**
34855	EUROPIUM,SED,BOT,	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,SED,BOT,	08/01/95-08/01/95	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34870	GOLD,SED,BOT,	08/01/95-08/01/95	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,SED,BOT,	08/01/95-08/01/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,SED,BOT,	08/01/95-08/01/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34885	LANTHANUM,SED,BOT,	08/01/95-08/01/95	1	61.	61.	61.	61.	0.	0.	**	**	**	**
34890	LEAD,SED,BOT,	08/01/95-08/01/95	1	29.	29.	29.	29.	0.	0.	**	**	**	**
34895	LITHIUM,SED,BOT,	08/01/95-08/01/95	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34900	MAGNESIUM,SED,BOT,	08/01/95-08/01/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34905	MANGANESE,SED,BOT,	08/01/95-08/01/95	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
34910	MERCURY,SED,BOT,	08/01/95-08/01/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34915	MOLYBDENUM,SED,BOT,	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,SED,BOT,	08/01/95-08/01/95	1	53.	53.	53.	53.	0.	0.	**	**	**	**
34925	NICKEL,SED,BOT,	08/01/95-08/01/95	1	52.	52.	52.	52.	0.	0.	**	**	**	**
34930	NIOBIUM,SED,BOT,	08/01/95-08/01/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34935	PHOSPHORUS,SED,BOT,	08/01/95-08/01/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34940	POTASSIUM,SED,BOT,	08/01/95-08/01/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,SED,BOT,	08/01/95-08/01/95	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34950	SELENIUM,SED,BOT,	08/01/95-08/01/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34955	SILVER,SED,BOT,	08/01/95-08/01/95	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: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34960	SODIUM,SED,BOT,	08/01/95-08/01/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34965	STRONTIUM,SED,BOT,	08/01/95-08/01/95	1	92.	92.	92.	92.	0.	0.	**	**	**	**
34970	SULFUR,SED,BOT,	08/01/95-08/01/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34975	TANTALUM,SED,BOT,	08/01/95-08/01/95	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,SED,BOT,	08/01/95-08/01/95	1	12.	12.	12.	12.	0.	0.	**	**	**	**
34985	TIN,SED,BOT,	08/01/95-08/01/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,SED,BOT,	08/01/95-08/01/95	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
35005	VANADIUM,SED,BOT,	08/01/95-08/01/95	1	120.	120.	120.	120.	0.	0.	**	**	**	**
35010	YTTRIUM,SED,BOT,	08/01/95-08/01/95	1	29.	29.	29.	29.	0.	0.	**	**	**	**
35015	YTTERBIUM,SED,BOT,	08/01/95-08/01/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
35020	ZINC,SED,BOT,	08/01/95-08/01/95	1	150.	150.	150.	150.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/08/69-10/08/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38401	AMETRYN WATER,DISSUG/L	08/29/91-08/29/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38535	PROPAZINE WATER,DISSUG/L	08/29/91-08/29/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	06/08/94-06/21/96	5	0.005	0.004	0.006	0.003	0.	0.002	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/21/93-06/21/96	23	75.	69.304	108.	25.	664.403	25.776	30.8	41.	93.	103.
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	06/08/94-06/21/96	5 ##	0.006	0.004	0.006	0.002	0.	0.002	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	5 ##	0.001	0.002	0.004	0.001	0.	0.002	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	08/29/91-06/21/96	6	2.4	2.451	4.9	0.005	5.779	2.404	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	5 ##	0.003	0.004	0.005	0.003	0.	0.001	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	5 ##	0.002	0.006	0.011	0.002	0.	0.005	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/08/94-06/21/96	5	0.01	0.009	0.014	0.004	0.	0.004	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	08/29/91-06/21/96	6	3.255	3.623	7.9	0.23	12.752	3.571	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	08/29/91-06/21/96	6	0.063	0.109	0.3	0.01	0.014	0.118	**	**	**	**
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	09/12/95-09/12/95	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	709.	709.	709.	709.	0.	0.	**	**	**	**
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	53.5	53.5	53.5	53.5	0.	0.	**	**	**	**
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/12/95-09/12/95	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	06/19/96-06/21/96	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	09/12/95-09/12/95	1	103.	103.	103.	103.	0.	0.	**	**	**	**
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	09/12/95-09/12/95	1	75.	75.	75.	75.	0.	0.	**	**	**	**
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	1	2.43	2.43	2.43	2.43	0.	0.	**	**	**	**
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	08/01/95-08/01/95	1	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	08/01/95-08/01/95	1	22.	22.	22.	22.	0.	0.	**	**	**	**
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	08/01/95-08/01/95	1	22.	22.	22.	22.	0.	0.	**	**	**	**
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	09/12/95-09/12/95	1	77.1	77.1	77.1	77.1	0.	0.	**	**	**	**
49274	TITANIUM, DRY WT, SIEVE	08/01/95-08/01/95	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
49275	ALPHA-BHC,D6, DRY WT,SIEVE	08/01/95-08/01/95	1	96.	96.	96.	96.	0.	0.	**	**	**	**
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	08/01/95-08/01/95	1	80.	80.	80.	80.	0.	0.	**	**	**	**
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	08/01/95-08/01/95	1	93.	93.	93.	93.	0.	0.	**	**	**	**
49278	TERPHENYL,D14-,DRY WT,SIEVE	08/01/95-08/01/95	1	97.	97.	97.	97.	0.	0.	**	**	**	**
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	08/01/95-08/01/95	1	69.	69.	69.	69.	0.	0.	**	**	**	**
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	08/01/95-08/01/95	1	82.	82.	82.	82.	0.	0.	**	**	**	**
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	09/12/95-09/12/95	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	390.	390.	390.	390.	0.	0.	**	**	**	**
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	165.	165.	165.	165.	0.	0.	**	**	**	**
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	26.	26.	26.	26.	0.	0.	**	**	**	**
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	34.	34.	34.	34.	0.	0.	**	**	**	**
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	12.	12.	12.	12.	0.	0.	**	**	**	**
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	24.	24.	24.	24.	0.	0.	**	**	**	**
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	200.	200.	200.	200.	0.	0.	**	**	**	**
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/12/95-09/12/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	09/12/95-09/12/95	1	28.	28.	28.	28.	0.	0.	**	**	**	**
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1	67.	67.	67.	67.	0.	0.	**	**	**	**
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1	52.	52.	52.	52.	0.	0.	**	**	**	**
49387	PYRENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1	180.	180.	180.	180.	0.	0.	**	**	**	**
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	08/01/95-08/01/95	1	150.	150.	150.	150.	0.	0.	**	**	**	**
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	08/01/95-08/01/95	1	140.	140.	140.	140.	0.	0.	**	**	**	**
49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
49400	ISOPHORONE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1	71.	71.	71.	71.	0.	0.	**	**	**	**
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	08/01/95-08/01/95	1	61.	61.	61.	61.	0.	0.	**	**	**	**
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	08/01/95-08/01/95	1	120.	120.	120.	120.	0.	0.	**	**	**	**
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1	54.	54.	54.	54.	0.	0.	**	**	**	**
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	BENZENE, O-DICHLORO-,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	AZOBENZENE,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	08/01/95-08/01/95	1	140.	140.	140.	140.	0.	0.	**	**	**	**
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	08/01/95-08/01/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	09/12/95-09/12/95	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	08/01/95-08/01/95	1	180.	180.	180.	180.	0.	0.	**	**	**	**
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	08/01/95-08/01/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	08/01/95-08/01/95	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	09/14/73-04/09/74	6	9.5	131.667	663.	2.	69313.867	263.275	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	198	142.	148.354	274.	70.	1469.712	38.337	102.9	119.75	175.	198.4
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	108	118.	122.333	263.	50.	1144.019	33.823	84.4	103.25	142.	164.3
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	224	180.	472.562	13700.	17.8	1392552.58	1180.065	64.1	93.15	408.	924.5
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	224	0.19	0.19	0.37	0.07	0.002	0.048	0.13	0.153	0.22	0.255
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	02/14/65-12/24/70	3	37.	29.333	45.	6.	424.333	20.599	**	**	**	**
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	02/14/65-08/04/71	4	58.5	49.25	64.	16.	498.25	22.322	**	**	**	**
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	02/14/65-02/14/65	1	35.	35.	35.	35.	0.	0.	**	**	**	**
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	02/14/65-02/14/65	1	59.	59.	59.	59.	0.	0.	**	**	**	**
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	02/14/65-02/14/65	1	94.	94.	94.	94.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/14/65-06/21/96	63	97.	95.873	100.	77.	17.048	4.129	90.2	94.	99.	99.6
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/14/65-07/25/92	52	99.	97.923	100.	87.	8.229	2.869	95.3	98.	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/14/65-07/25/92	44	99.	98.477	100.	88.	7.976	2.824	94.	99.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/19/68-07/25/92	29	100.	98.621	100.	90.	8.315	2.884	93.	98.5	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	02/14/65-07/25/92	15	100.	99.267	100.	96.	1.21	1.1	97.2	99.	100.	100.
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	02/14/65-07/25/92	10	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/14/65-12/12/92	31	40.	41.548	66.	26.	100.123	10.006	28.2	36.	47.	58.6
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/14/65-12/12/92	57	53.	55.825	93.	37.	123.254	11.102	43.	48.5	60.	74.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/14/65-12/12/92	56	69.	71.179	97.	50.	110.622	10.518	58.7	64.25	78.	88.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/14/65-12/12/92	56	83.	83.714	98.	69.	59.153	7.691	73.	78.25	89.75	95.6
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/14/65-12/12/92	57	92.	91.316	99.	78.	28.148	5.306	83.	88.	95.5	98.

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

Parameter Inventory for Station: MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/08/65-09/08/69	8	99.	97.5	100.	89.	15.714	3.964	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	11/19/68-09/08/69	5	99.	96.4	100.	89.	20.8	4.561	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	11/19/68-09/08/69	4	97.5	96.25	100.	90.	20.25	4.5	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	11/19/68-03/26/69	2	94.	94.	98.	90.	32.	5.657	**	**	**	**
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	11/19/68-03/26/69	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/72-08/29/91	8	0.16	0.186	0.43	0.02	0.019	0.136	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	06/07/78-02/14/79	14	3.	9.201	77.3	0.	398.378	19.959	0.01	0.8	8.6	44.15
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	06/07/78-02/14/79	14	0.	0.193	1.4	0.	0.185	0.43	0.	0.	0.1	1.15
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	07/29/93-07/29/93	1	42.	42.	42.	42.	0.	0.	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	07/29/93-07/29/93	1	16.	16.	16.	16.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	09/14/73-12/05/73	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/19/72-02/24/83	5	0.66	0.764	1.	0.66	0.023	0.153	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/15/72-05/09/72	2	8.15	8.15	8.8	7.5	0.845	0.919	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	86	8.05	7.473	14.	0.1	11.513	3.393	2.19	5.2	9.775	12.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/14/73-09/14/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/65-09/04/66	10	10.	10.	30.	0.	88.889	9.428	0.	0.	12.5	29.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/24/80-07/19/83	10	0.72	0.862	2.1	0.31	0.277	0.526	0.325	0.483	1.125	2.01
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	120	13.	12.804	18.	6.2	5.041	2.245	9.91	11.	14.	16.
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/19/72-09/19/72	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/14/65-06/21/96	86	244.	385.442	2410.	4.	178978.579	423.059	21.2	75.	595.25	1103.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/14/65-02/24/83	52	3595.	9756.371	61600.	6.3	188228361.938	13719.634	29.7	611.	15050.	29830.
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/28/81-06/30/81	2	2.25	2.25	2.4	2.1	0.045	0.212	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	08/29/91-06/21/96	6 ##	0.028	0.021	0.03	0.005	0.	0.012	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	06/08/94-06/21/96	5 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.001	0.003	0.005	0.001	0.	0.002	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	06/08/94-07/06/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.001	0.003	0.005	0.001	0.	0.002	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5	0.06	0.068	0.15	0.01	0.003	0.058	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	06/08/94-06/21/96	4 ##	0.014	0.014	0.02	0.007	0.	0.008	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	3 ##	0.003	0.005	0.01	0.003	0.	0.004	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.005	0.002	0.	0.001	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.004	0.002	0.	0.001	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.001	0.003	0.005	0.001	0.	0.002	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.01	0.008	0.01	0.004	0.	0.003	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.001	0.002	0.004	0.001	0.	0.002	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.005	0.01	0.002	0.	0.004	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.001	0.002	0.004	0.001	0.	0.002	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	3 ##	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5	0.03	0.024	0.04	0.01	0.	0.013	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/21/96	5 ##	0.003	0.006	0.01	0.003	0.	0.004	**	**	**	**

** - Less 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: MONO0034

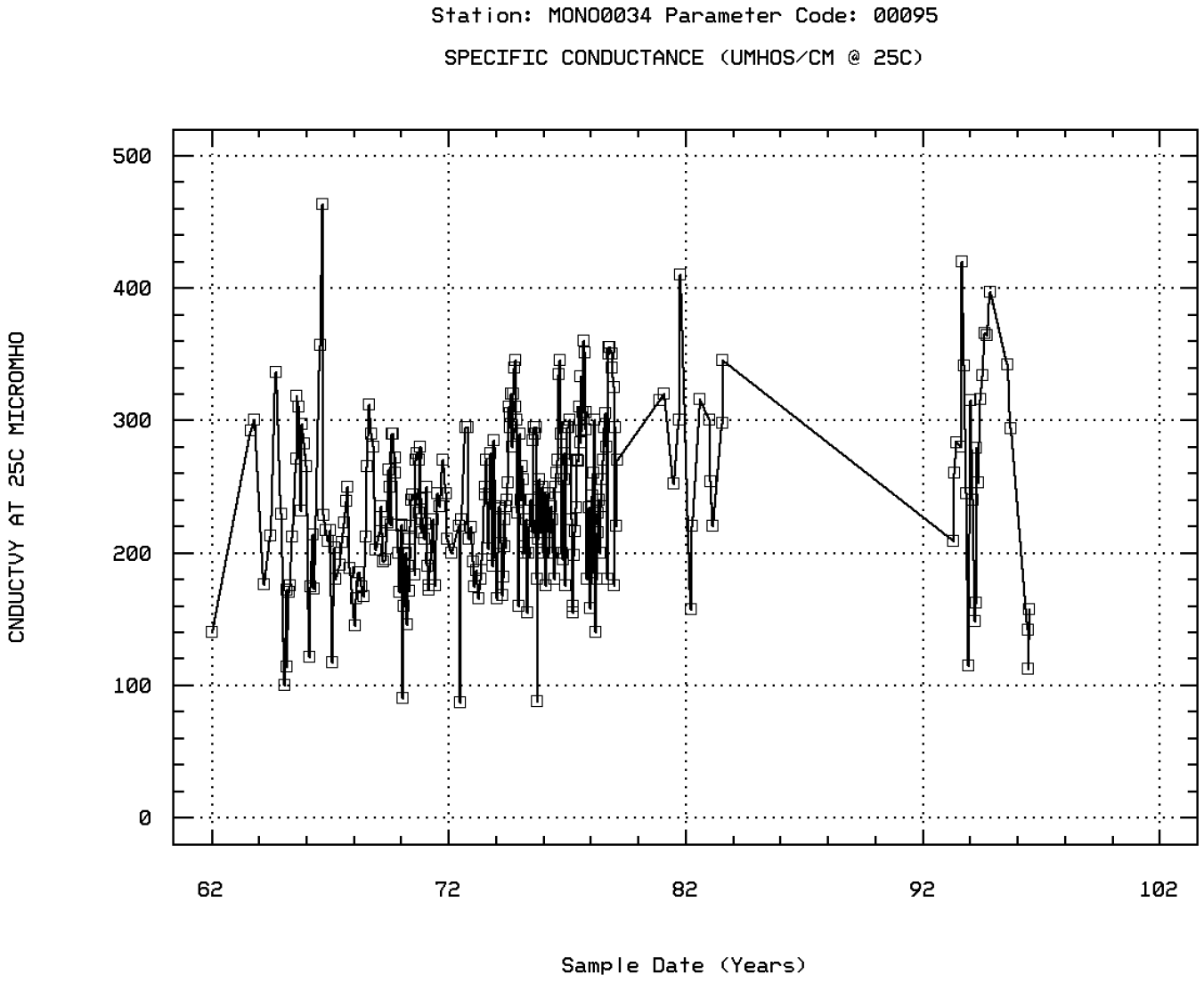
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	127	13	0.10	34	3	0.09	54	7	0.13	39	3	0.08			

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

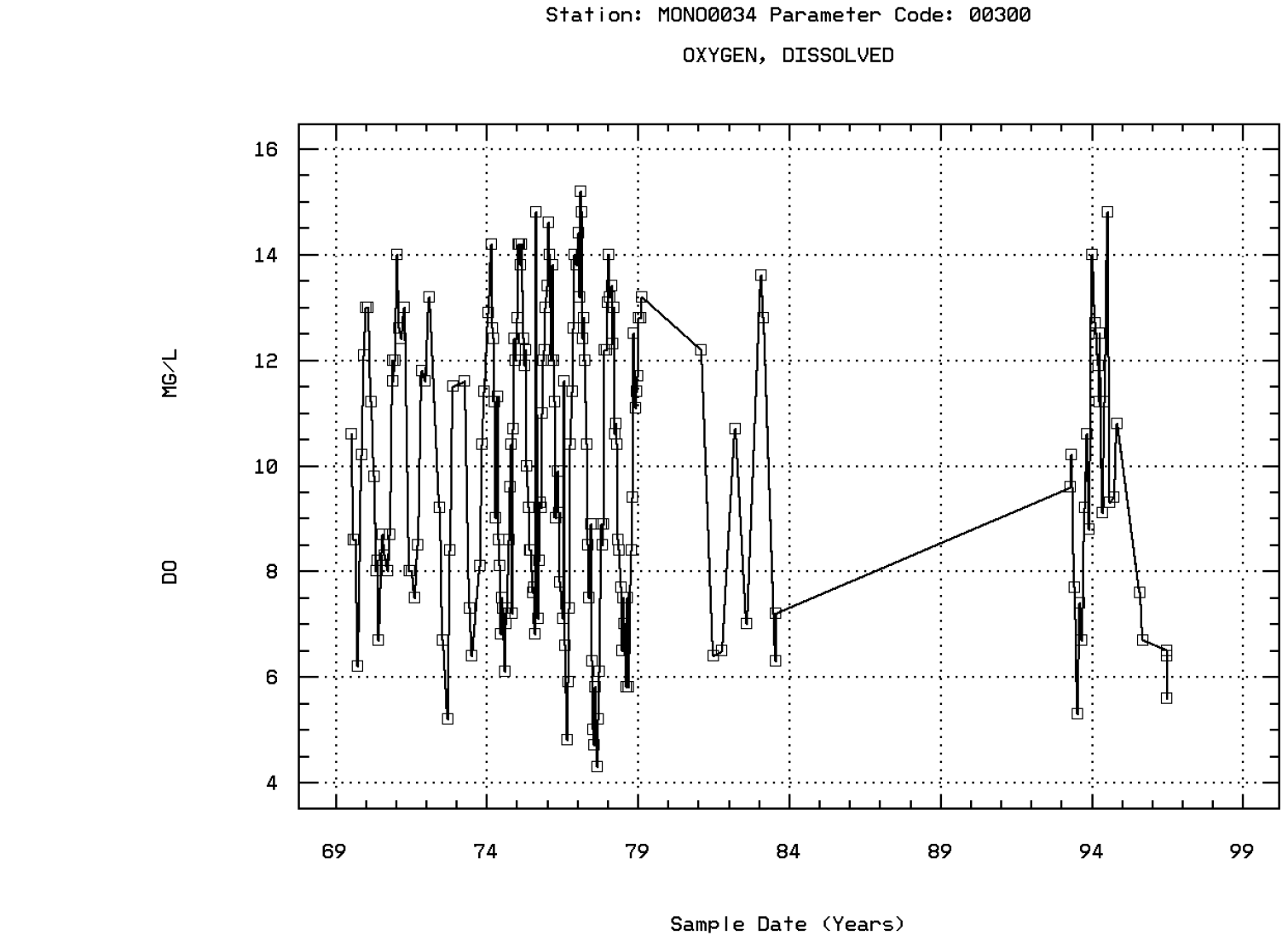
EPA Water Quality Criteria Analysis for Station: MONO0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	197	0	0.00	53	0	0.00	78	0	0.00	66	0	0.00			
00400	PH	Fresh Chronic	9.	282	4	0.01	80	1	0.01	113	1	0.01	89	2	0.02			
		Other-Lo Lim.	6.5	282	3	0.01	80	0	0.00	113	3	0.03	89	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	35	0	0.00	9	0	0.00	12	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	35	0	0.00	9	0	0.00	12	0	0.00	14	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	22	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	125	0	0.00	33	0	0.00	54	0	0.00	38	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	76	0	0.00	22	0	0.00	31	0	0.00	23	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	125	0	0.00	33	0	0.00	54	0	0.00	38	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	136	0	0.00	37	0	0.00	58	0	0.00	41	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	25	0	0.00	7	0	0.00	7	0	0.00	11	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	5	1	0.20	2	1	0.50	3	0	0.00						
		Drinking Water	0.2	5	1	0.20	2	1	0.50	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	231	0	0.00	64	0	0.00	95	0	0.00	72	0	0.00			
		Drinking Water	250.	231	0	0.00	64	0	0.00	95	0	0.00	72	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	230	0	0.00	64	0	0.00	94	0	0.00	72	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	126	0	0.00	36	0	0.00	50	0	0.00	40	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	111	0	0.00	29	0	0.00	50	0	0.00	32	0	0.00			
		Drinking Water	50.	111	0	0.00	29	0	0.00	50	0	0.00	32	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	5.	3	0	0.00	1	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	123	7	0.06	33	4	0.12	52	1	0.02	38	2	0.05			
		Drinking Water	5.	123	4	0.03	33	2	0.06	52	1	0.02	38	1	0.03			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	124	0	0.00	34	0	0.00	52	0	0.00	38	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	1	0.33	1	1	1.00	2	0	0.00						
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	123	3	0.02	33	1	0.03	52	1	0.02	38	1	0.03			
		Drinking Water	1300.	123	0	0.00	33	0	0.00	52	0	0.00	38	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	123	0	0.00	33	0	0.00	52	0	0.00	38	0	0.00			
		Drinking Water	15.	123	23	0.19	33	11	0.33	52	5	0.10	38	7	0.18			
01077	SILVER, TOTAL	Fresh Acute	4.1	121	2	0.02	32	2	0.06	51	0	0.00	38	0	0.00			
		Drinking Water	100.	121	0	0.00	32	0	0.00	51	0	0.00	38	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	5000.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	119	2	0.02	32	0	0.00	50	1	0.02	37	1	0.03			
		Drinking Water	5000.	119	0	0.00	32	0	0.00	50	0	0.00	37	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	5	0	0.00							5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	106	76	0.72	29	26	0.90	41	21	0.51	36	29	0.81			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	58	32	0.55	15	9	0.60	27	11	0.41	16	12	0.75			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	5	0	0.00							5	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	5	0	0.00							5	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	5	0	0.00							5	0	0.00			
		Drinking Water	0.2	5	0	0.00							5	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	5	0	0.00							5	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	5	0	0.00							5	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	6	3	0.50	1	0	0.00				5	3	0.60			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	6	0	0.00	1	0	0.00				5	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	86	0	0.00	25	0	0.00	35	0	0.00	26	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

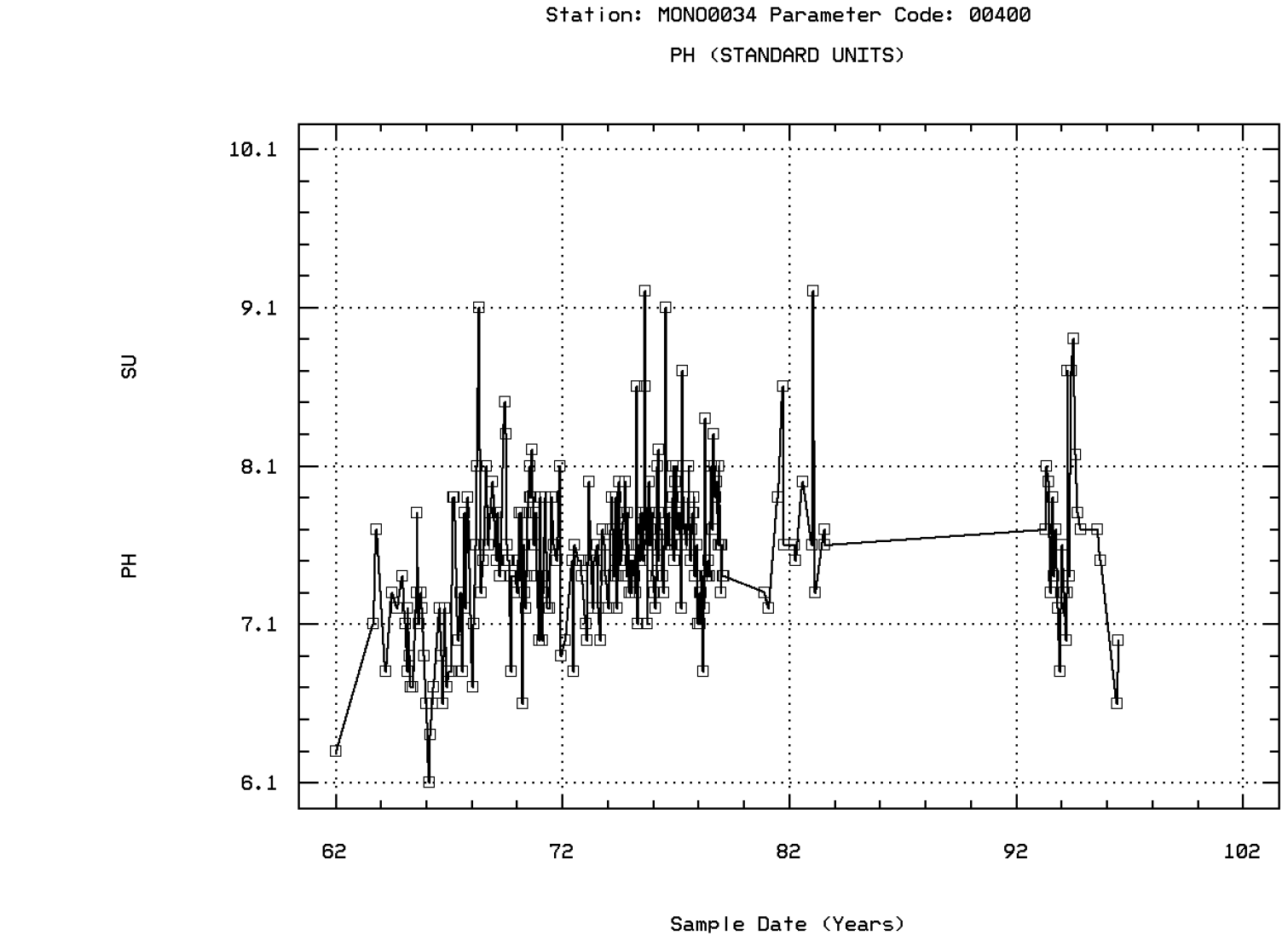
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



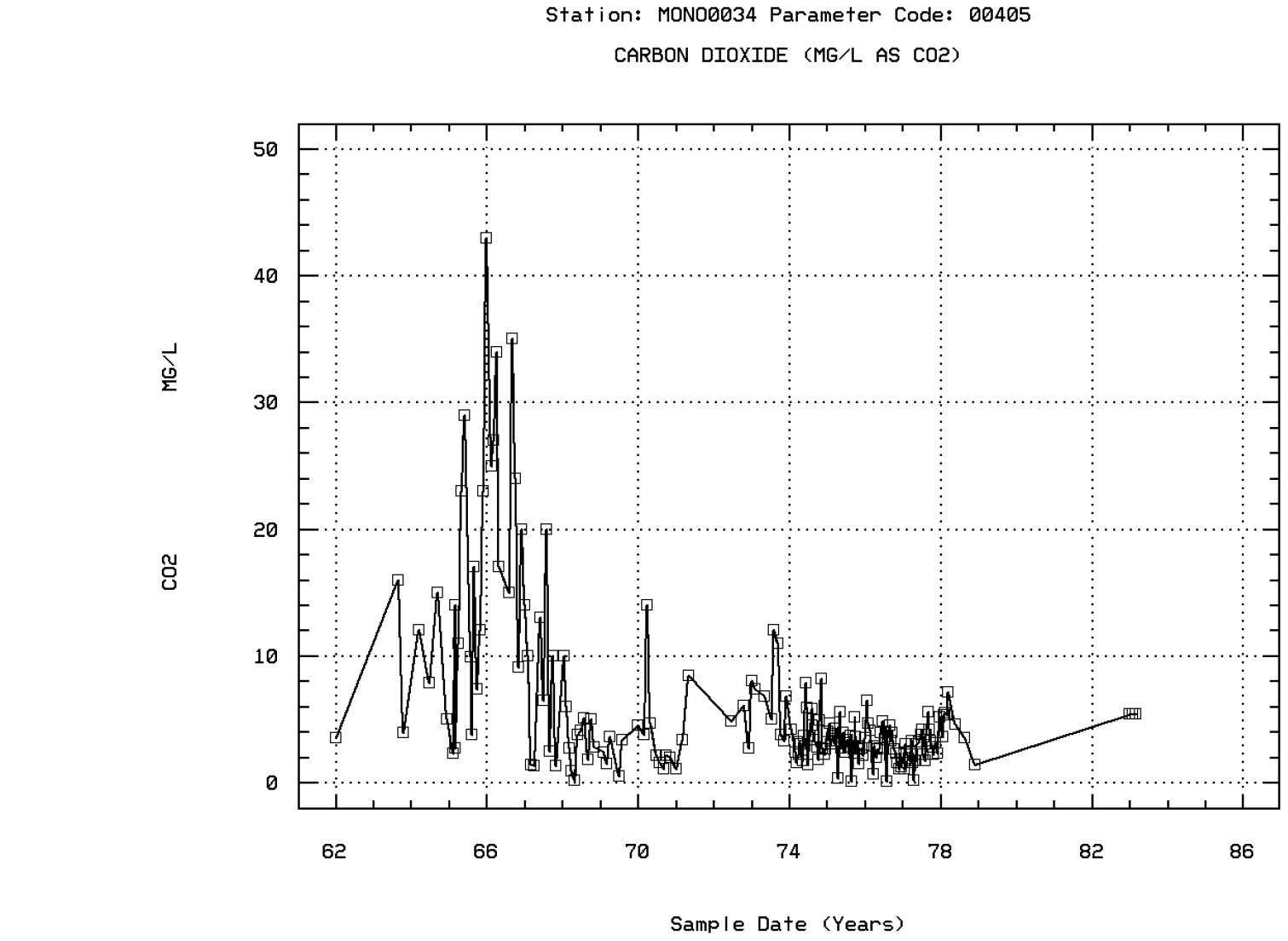
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE



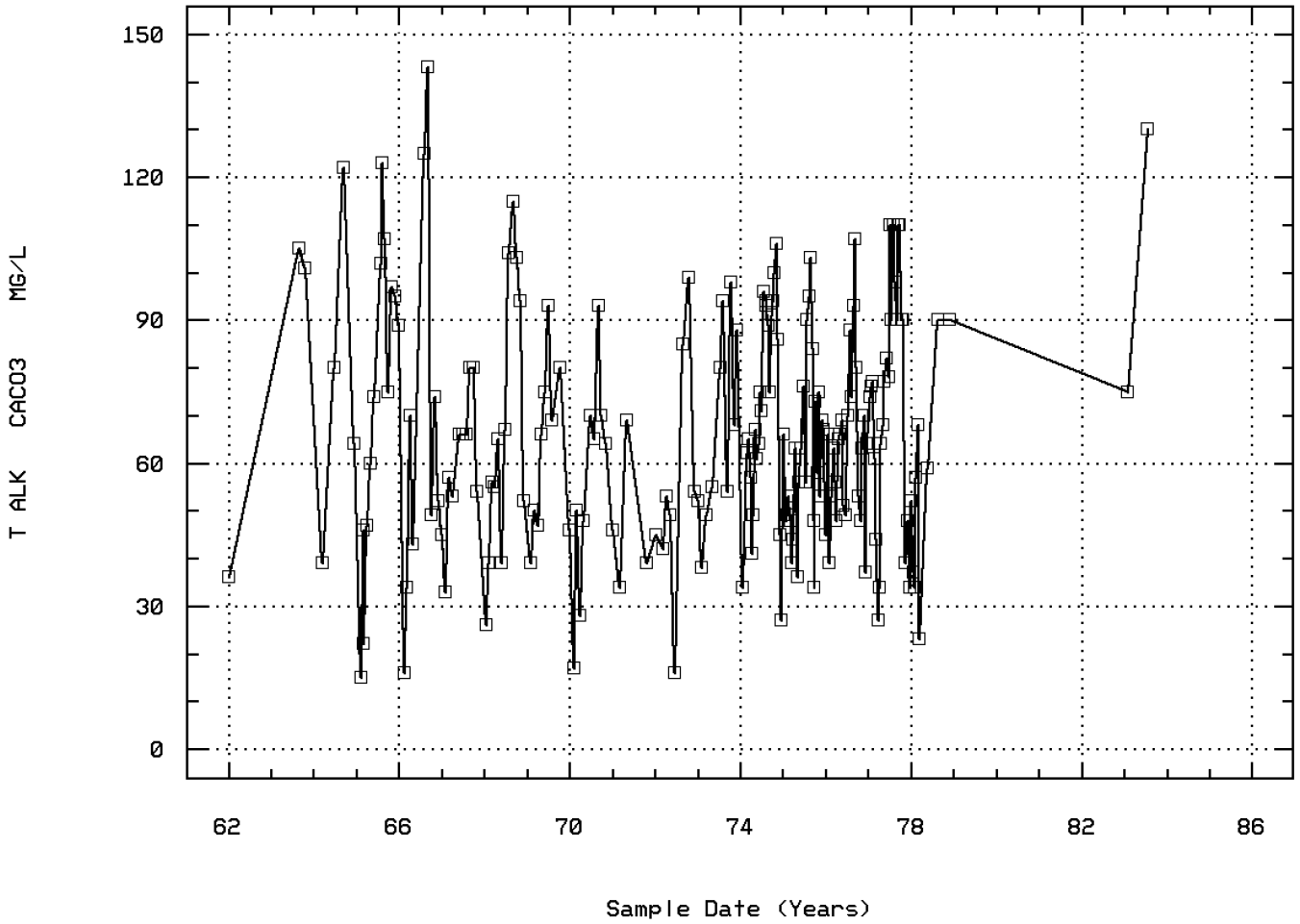
MONOCACY R AT REICHS FORD BRIDGE NR FRE



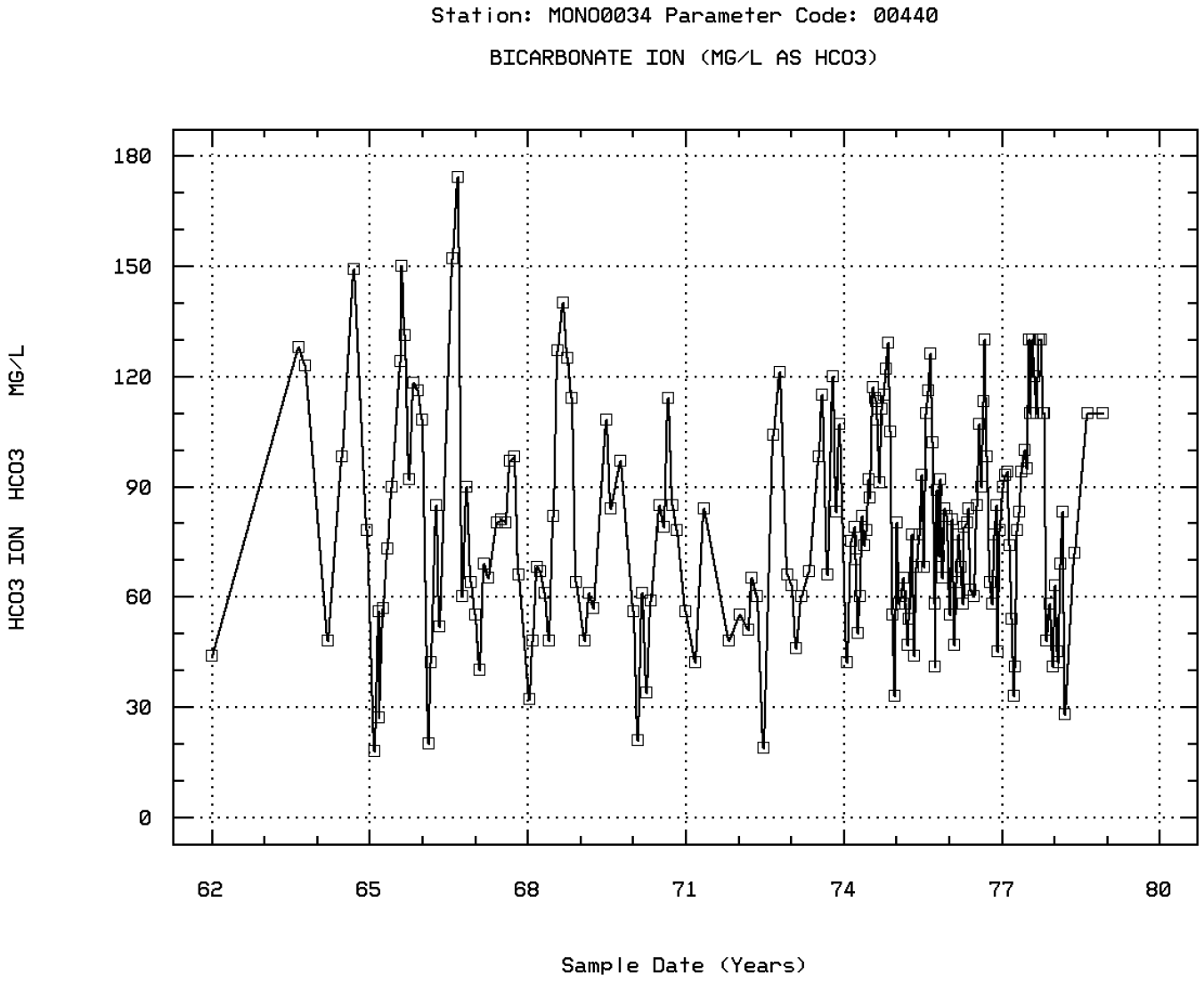
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00410

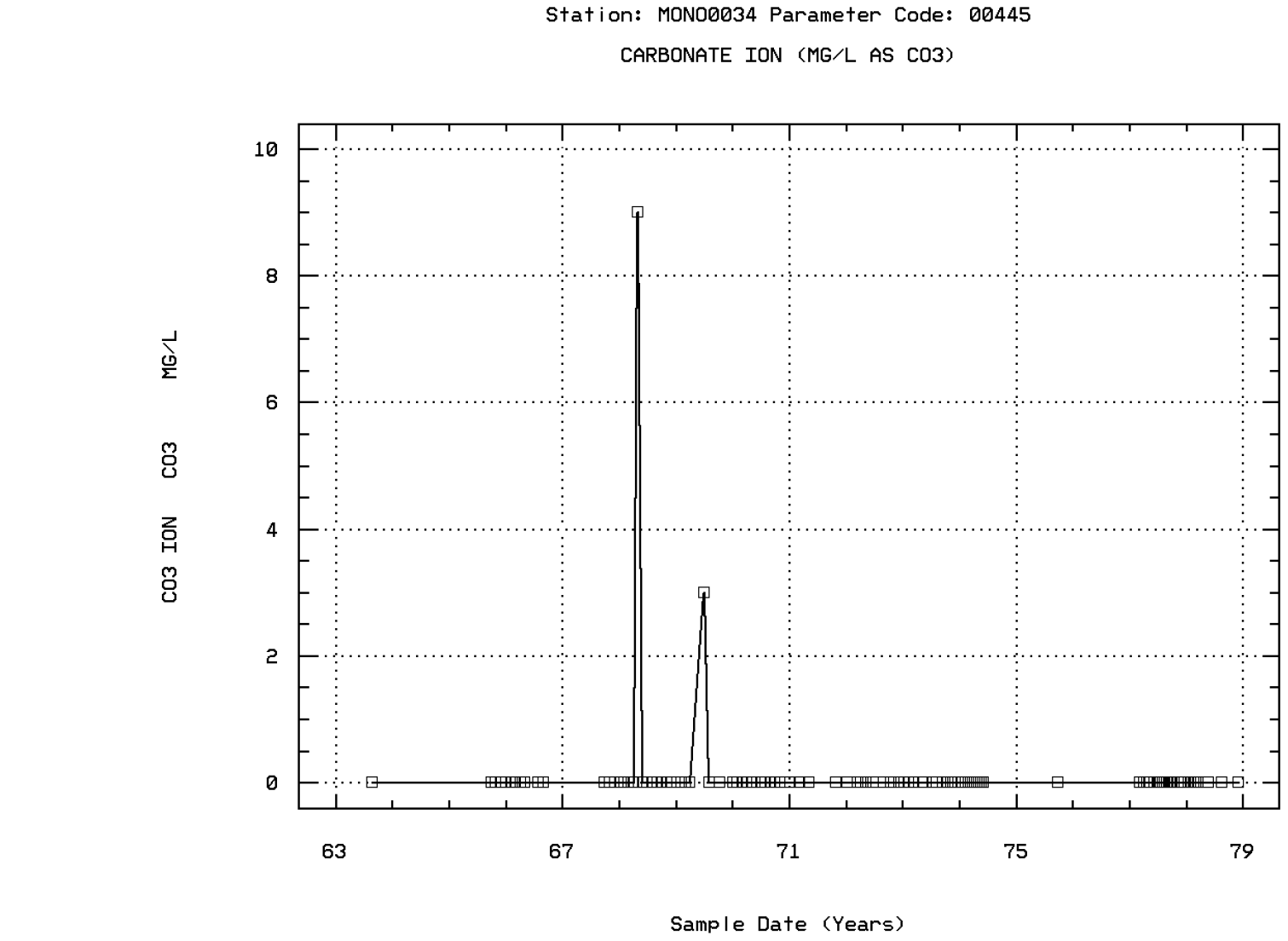
ALKALINITY, TOTAL (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE



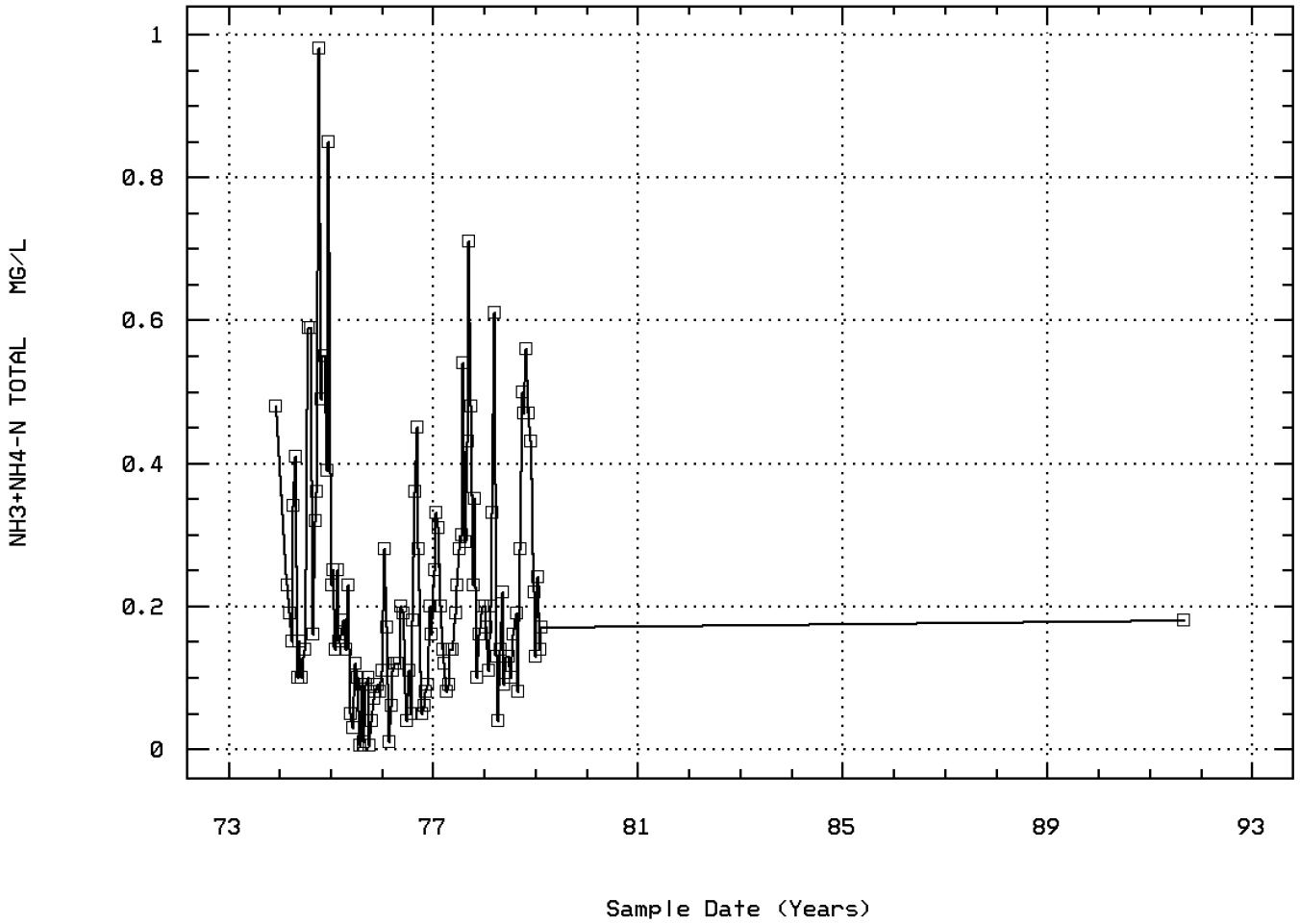
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00610

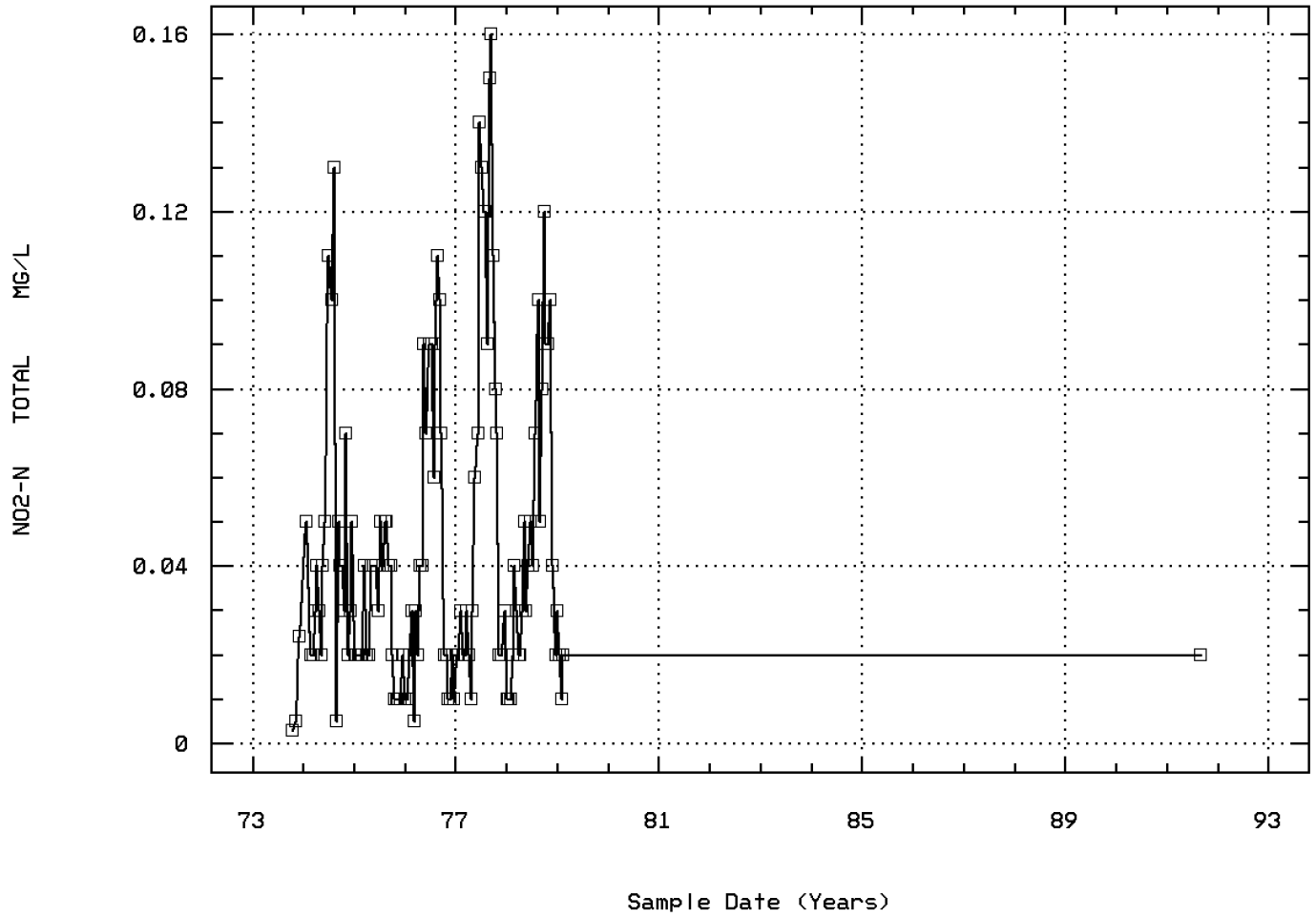
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00615

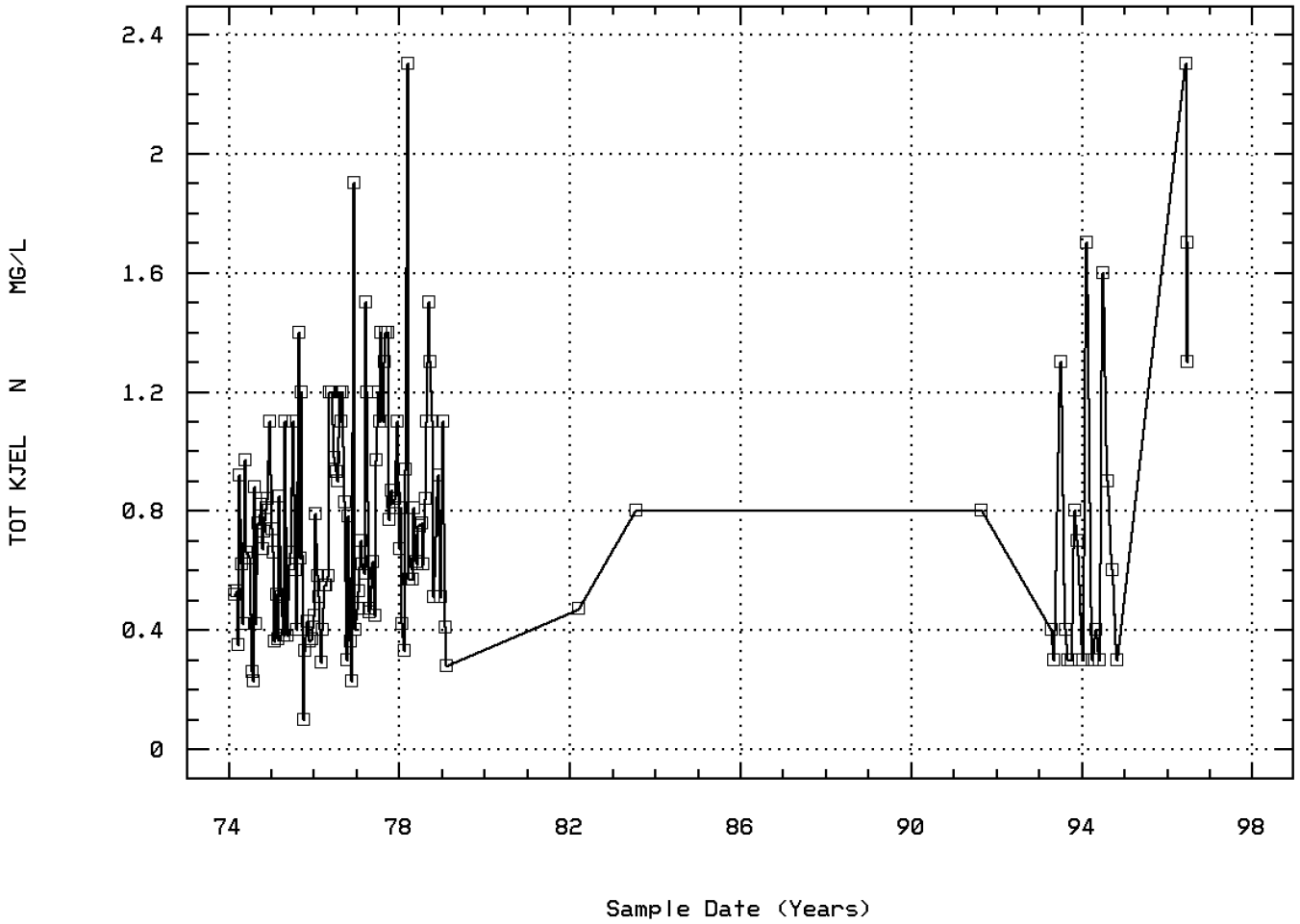
NITRITE NITROGEN, TOTAL (MG/L AS N)



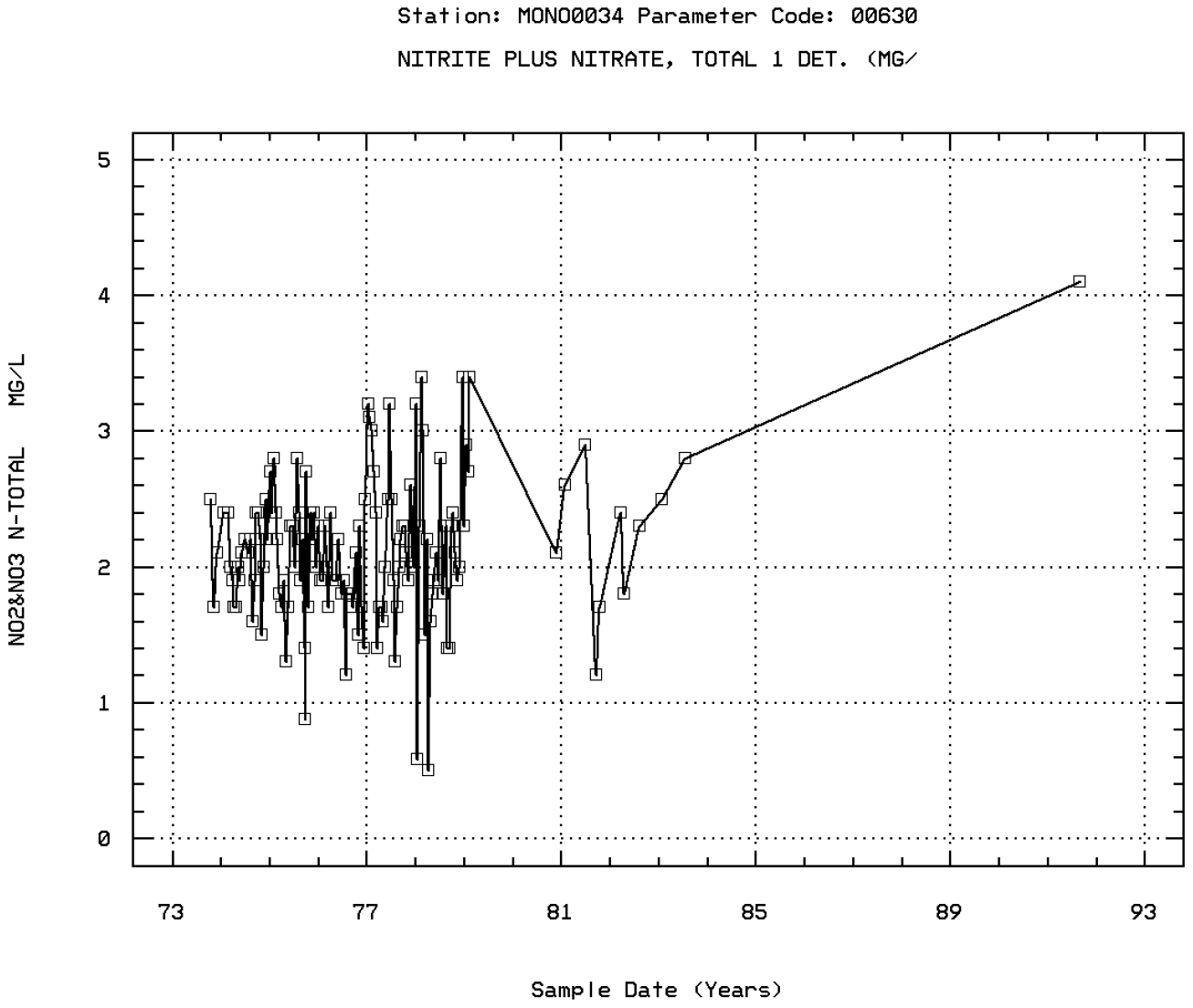
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00625

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



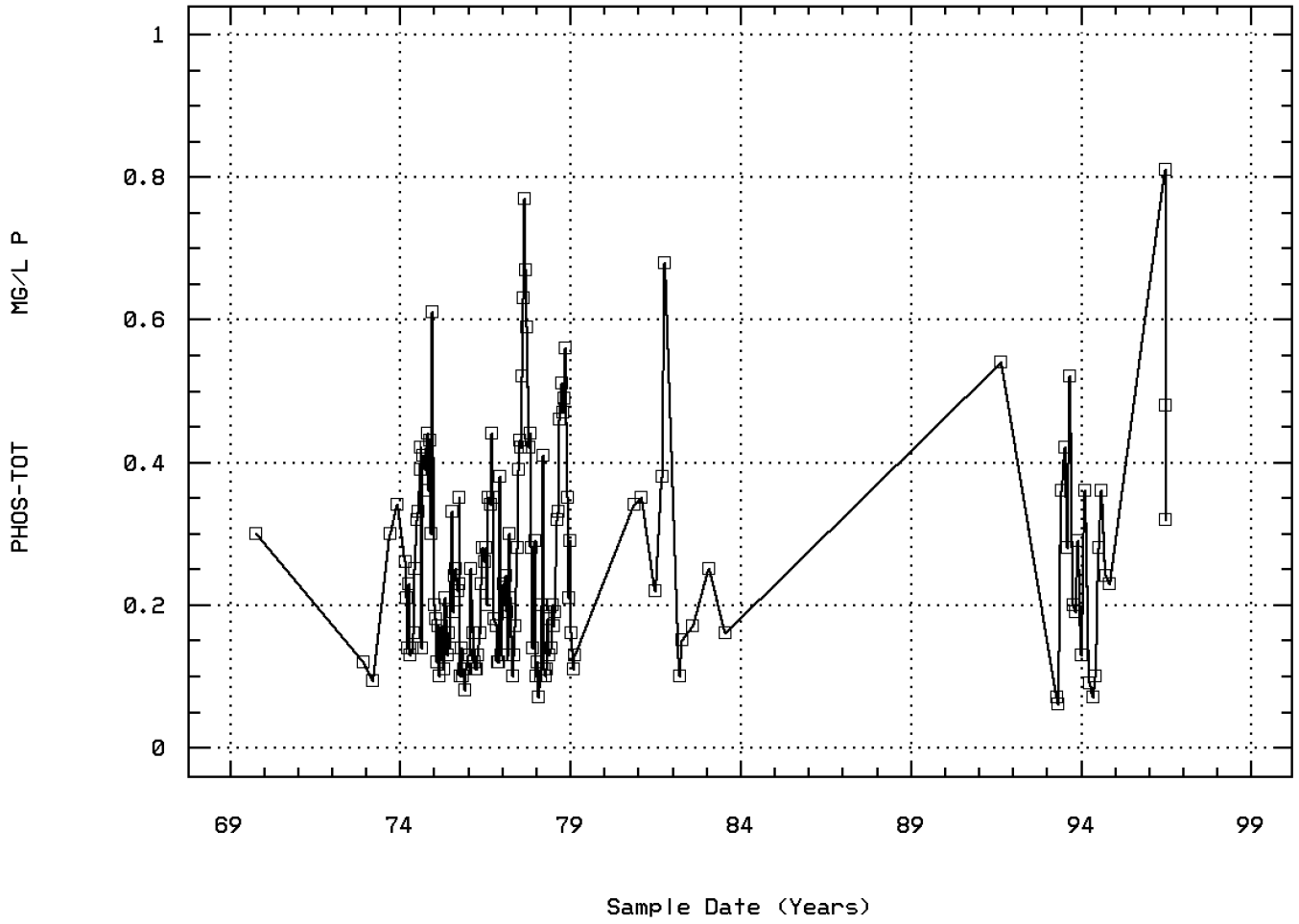
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00665

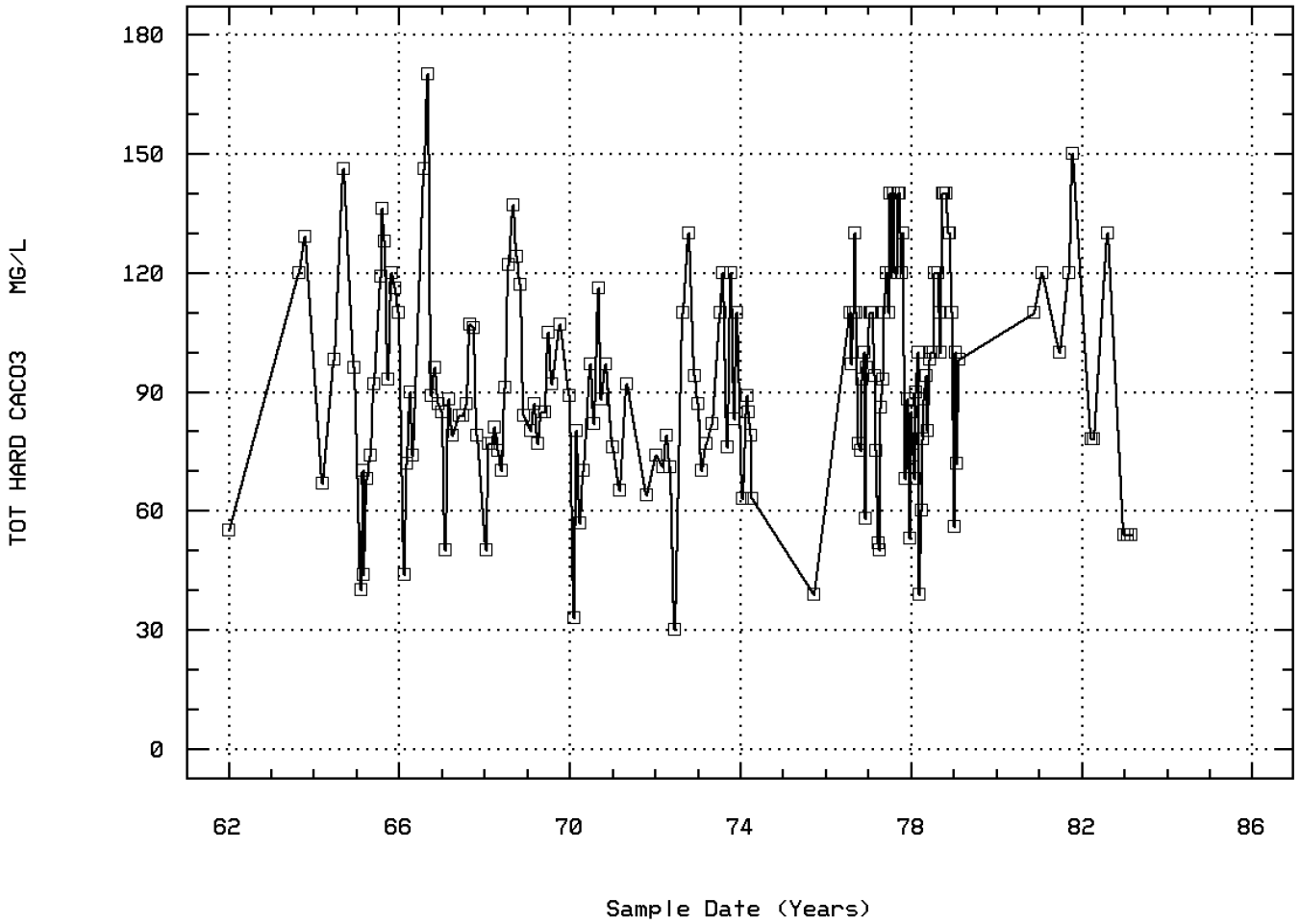
PHOSPHORUS, TOTAL (MG/L AS P)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00900

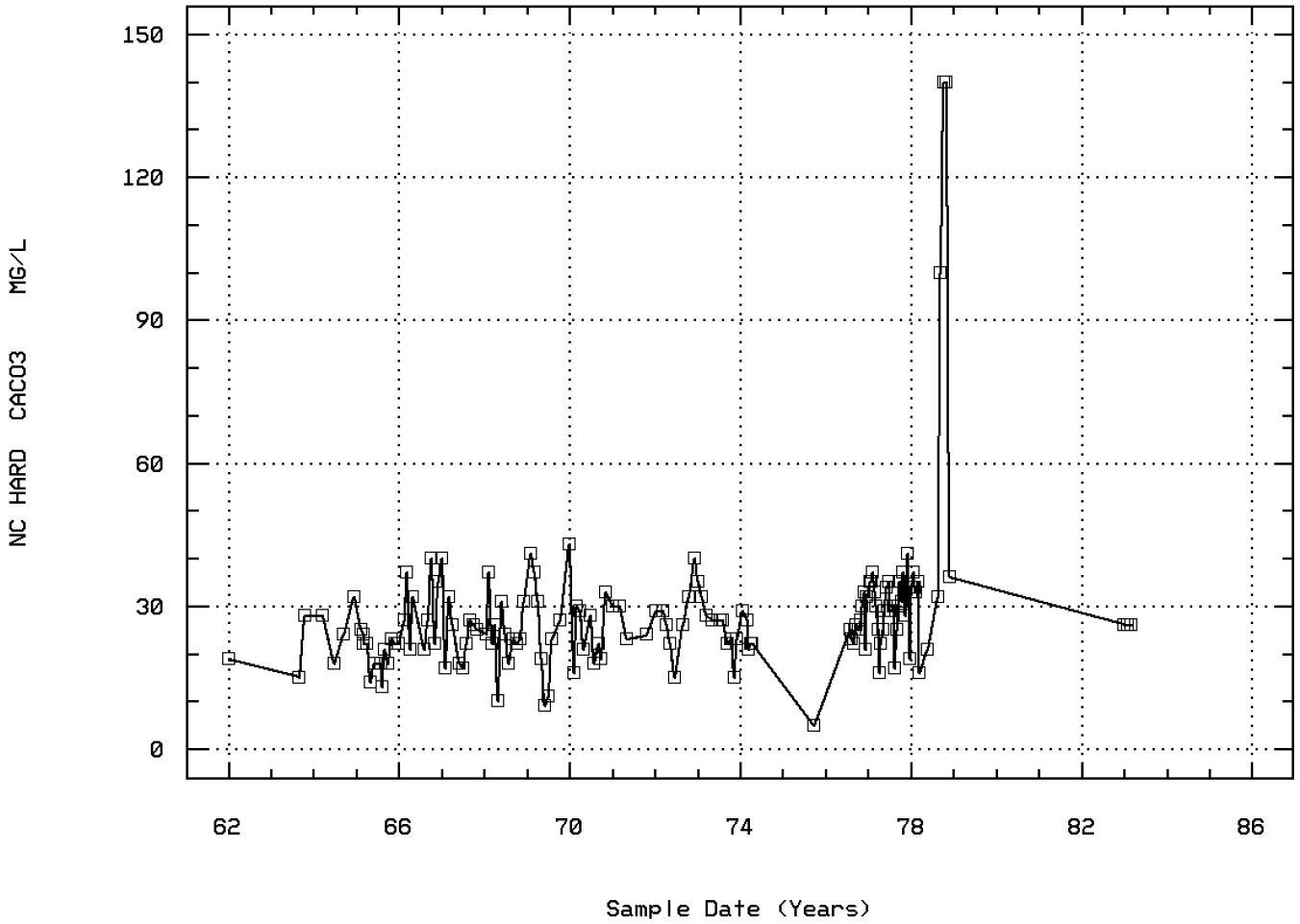
HARDNESS, TOTAL (MG/L AS CACO3)



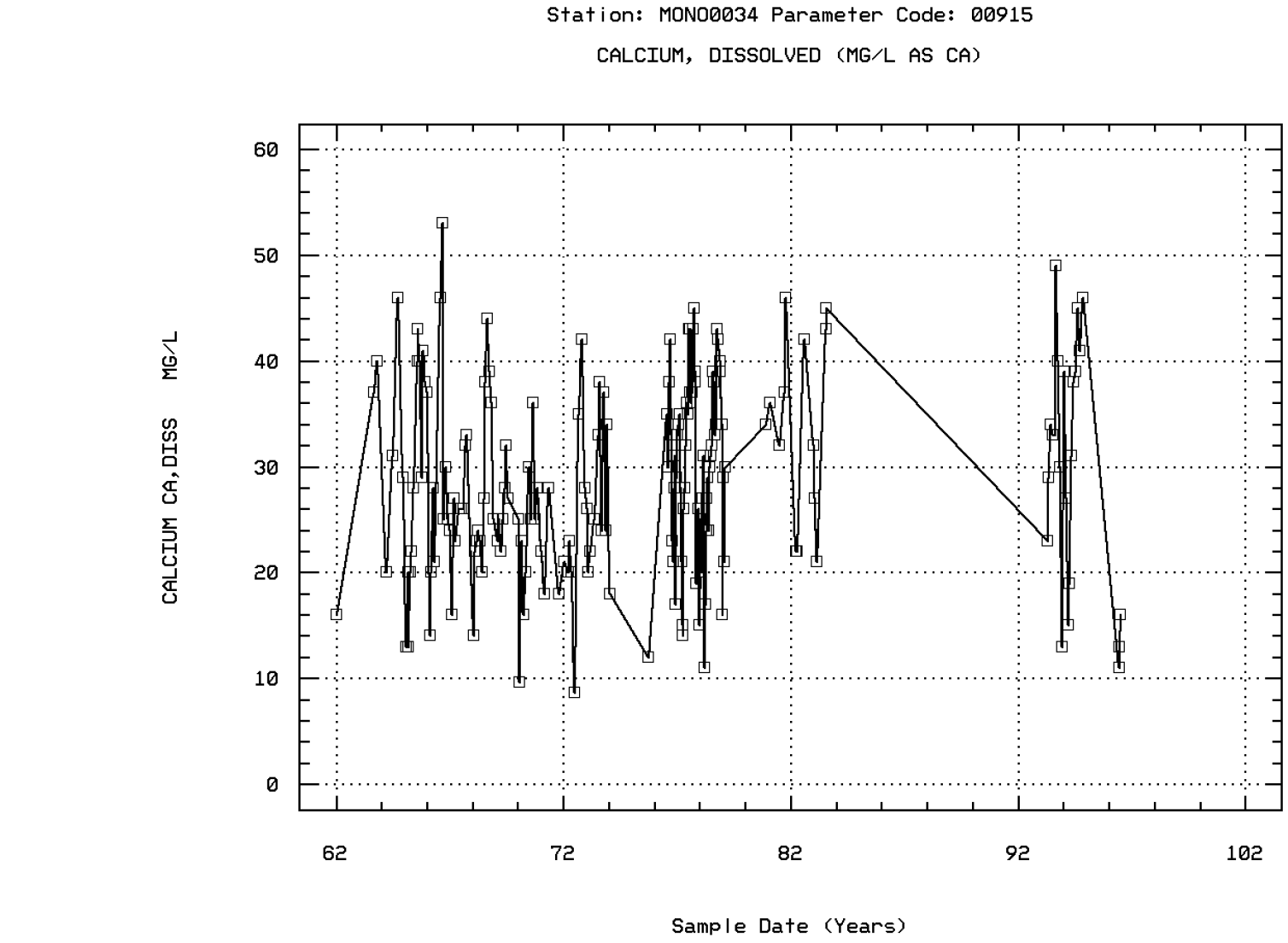
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00902

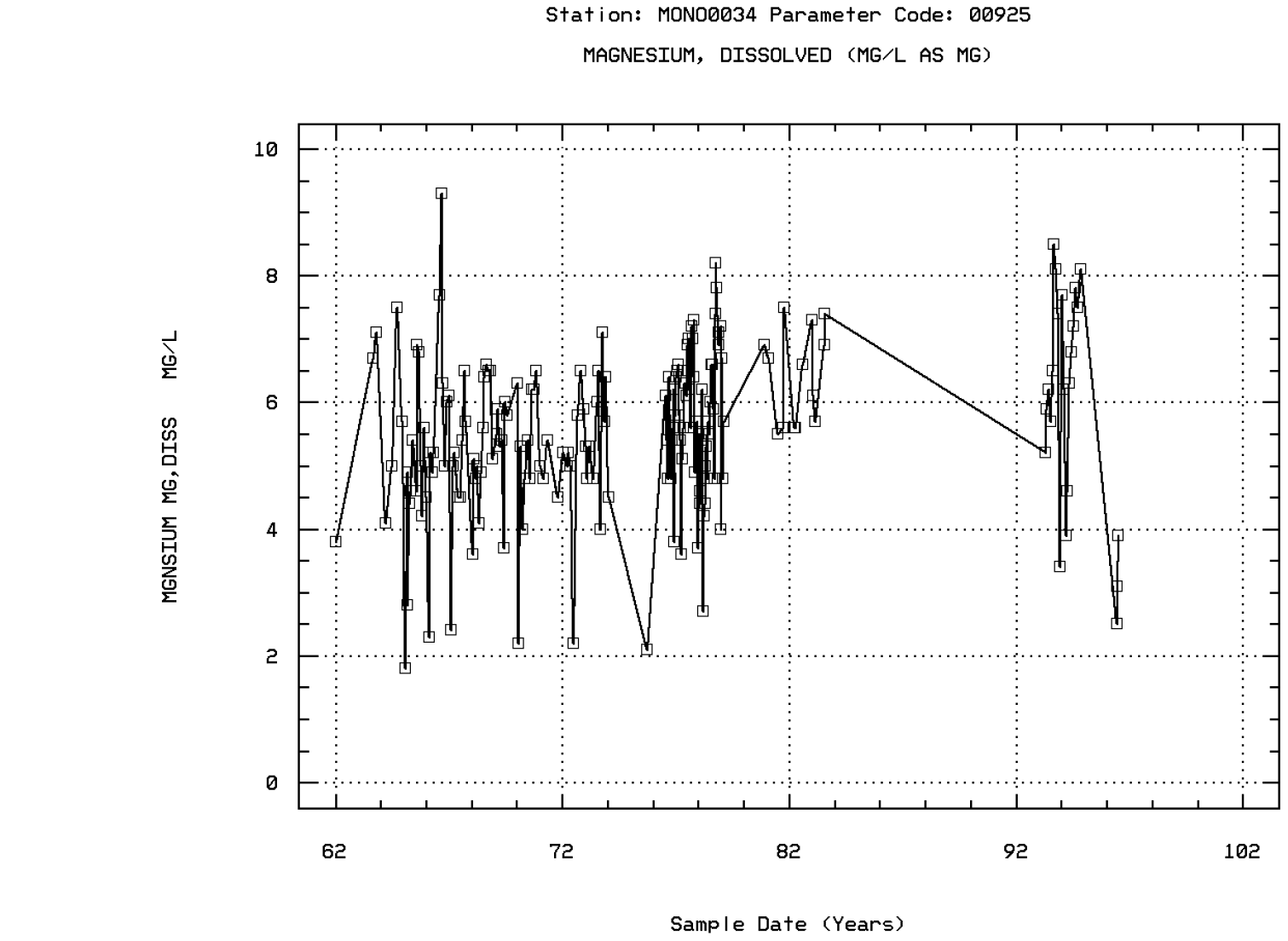
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



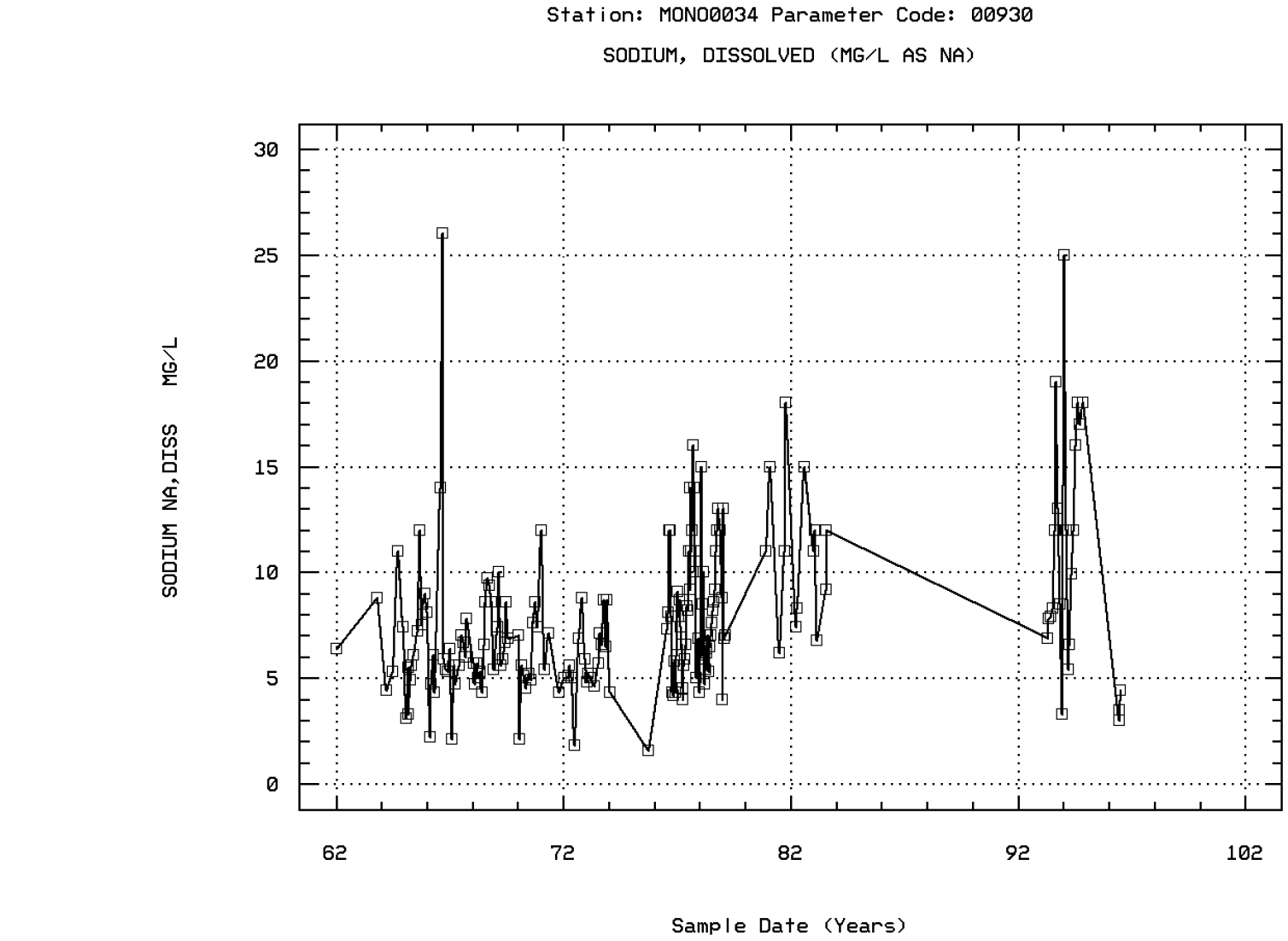
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE



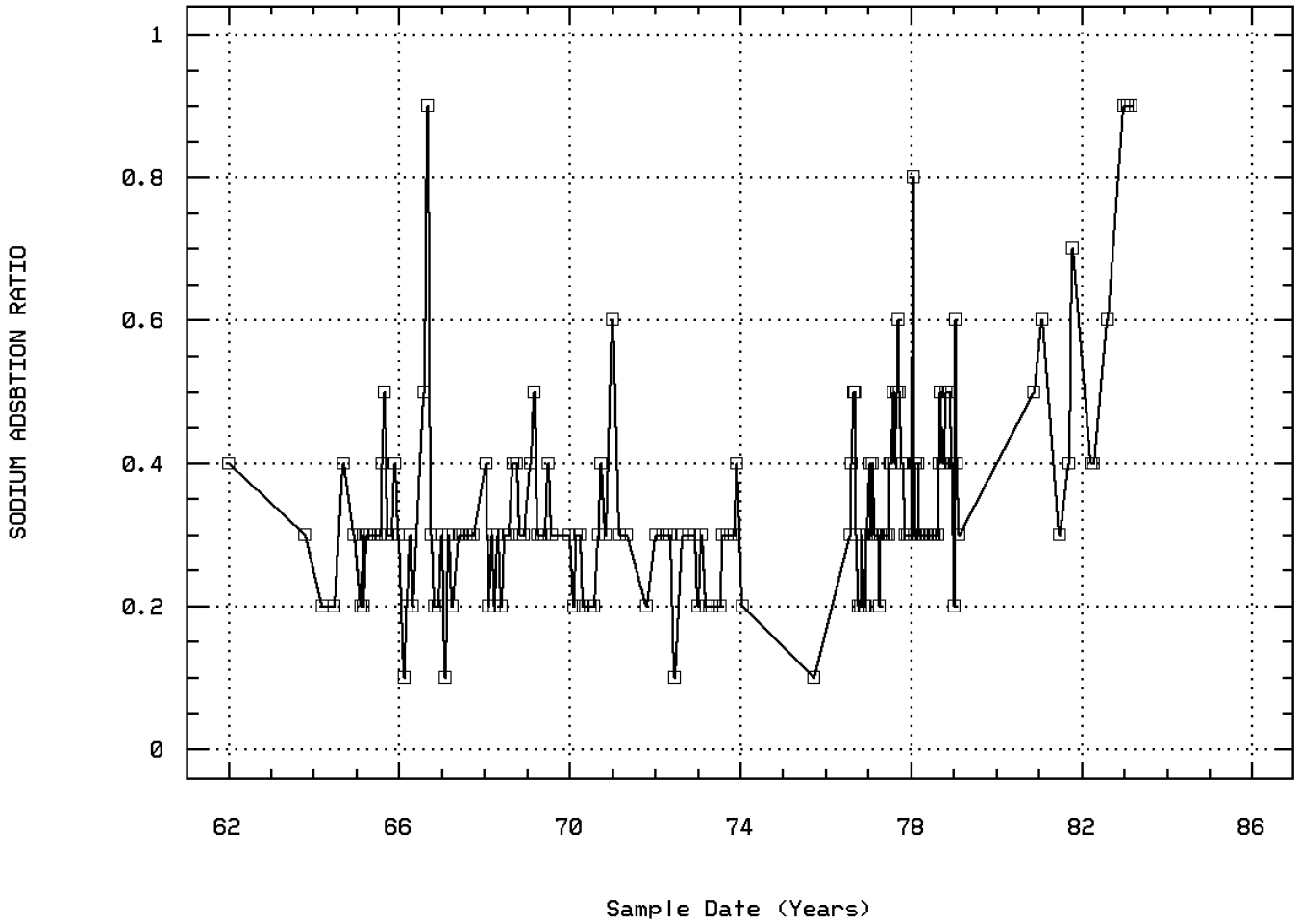
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00931

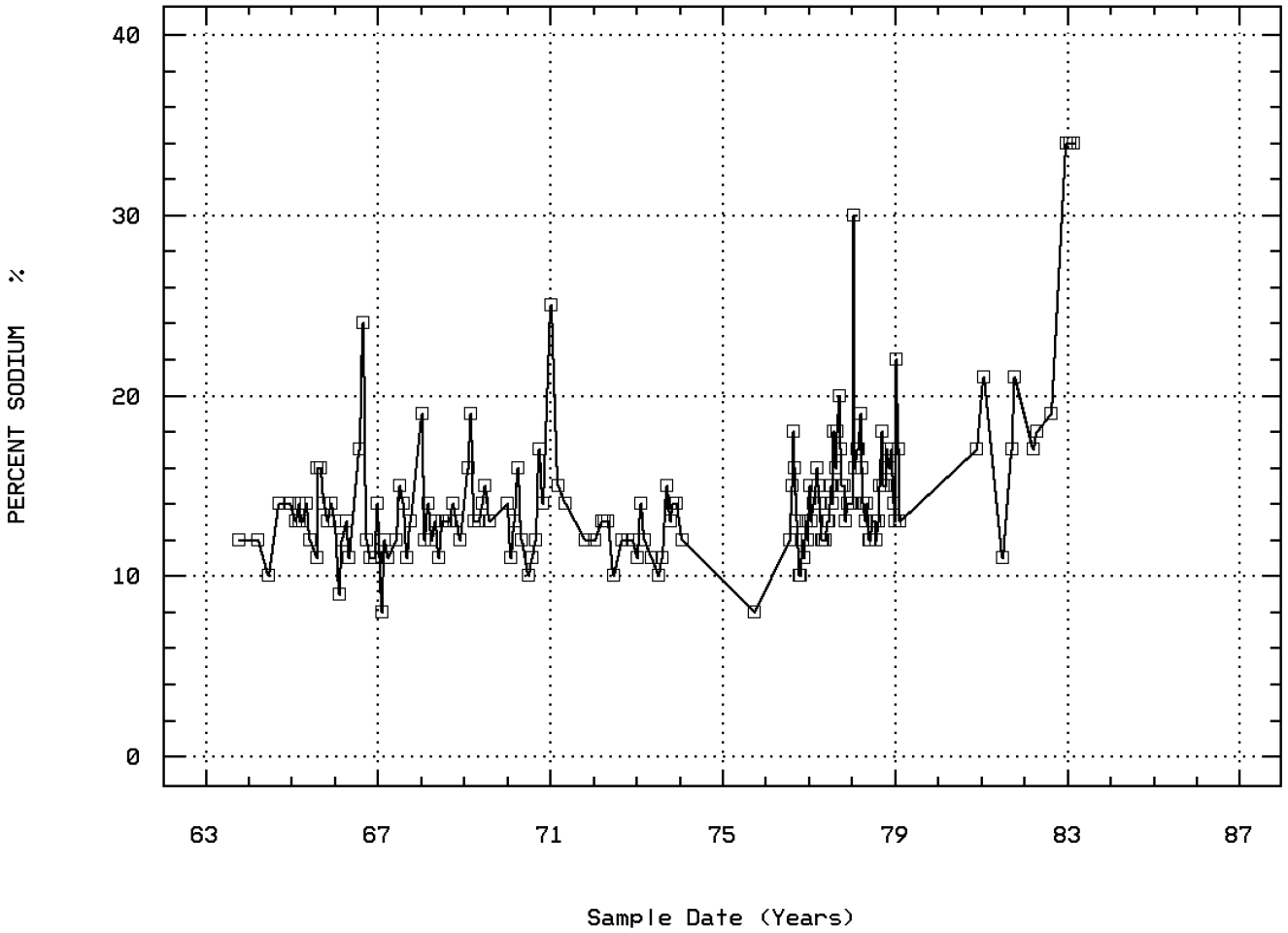
SODIUM ADSORPTION RATIO



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00932

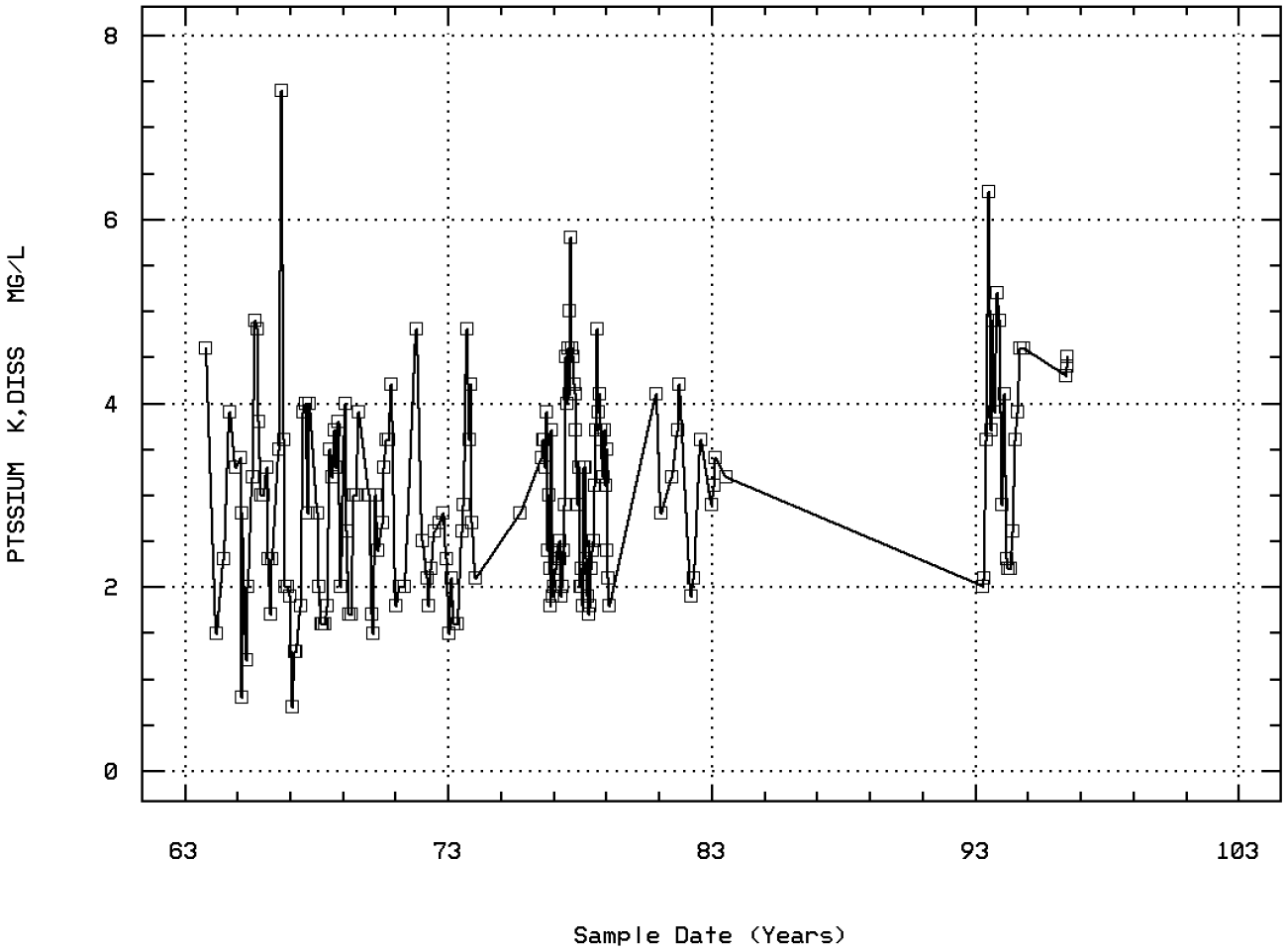
SODIUM, PERCENT



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00935

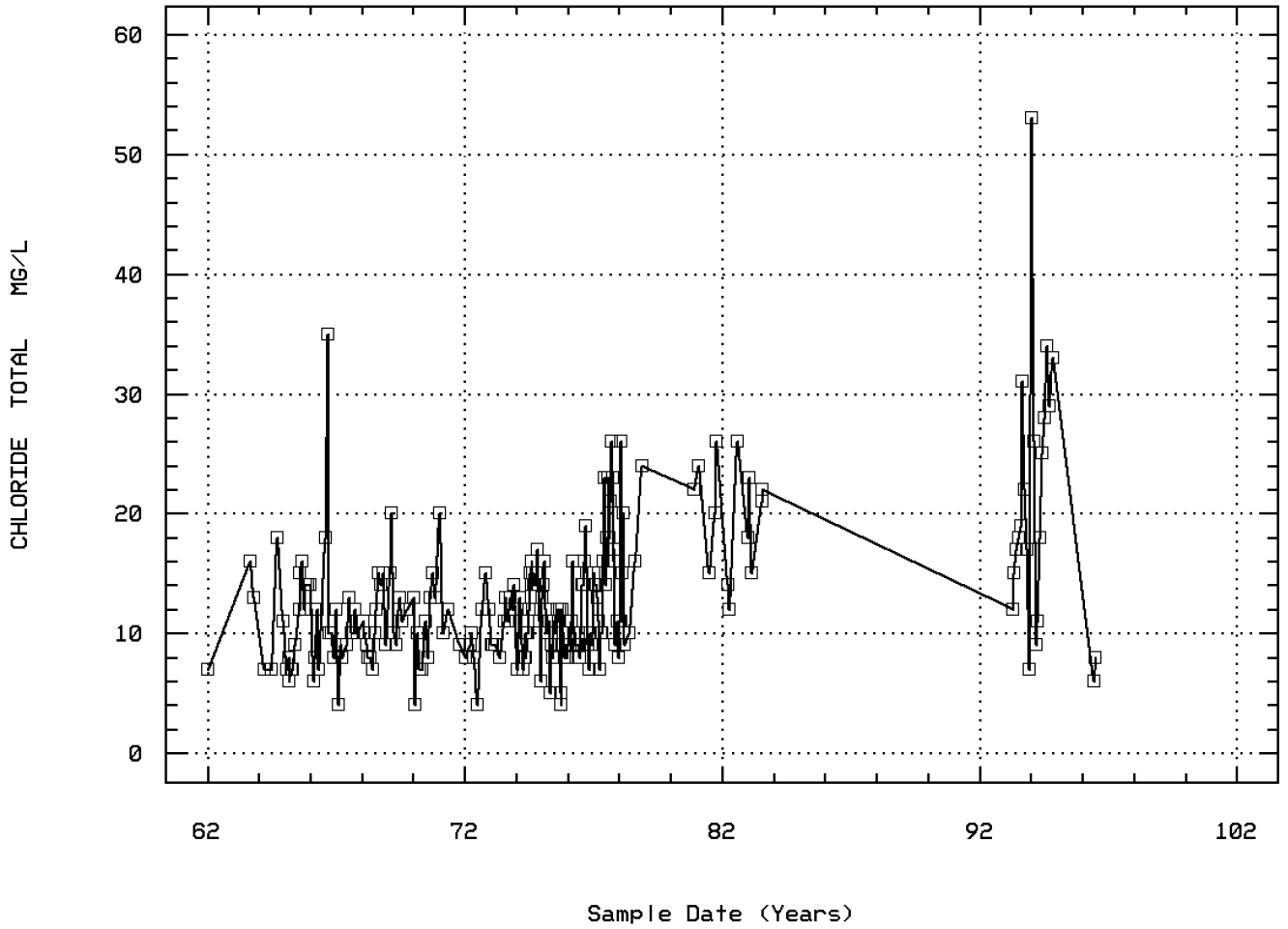
POTASSIUM, DISSOLVED (MG/L AS K)



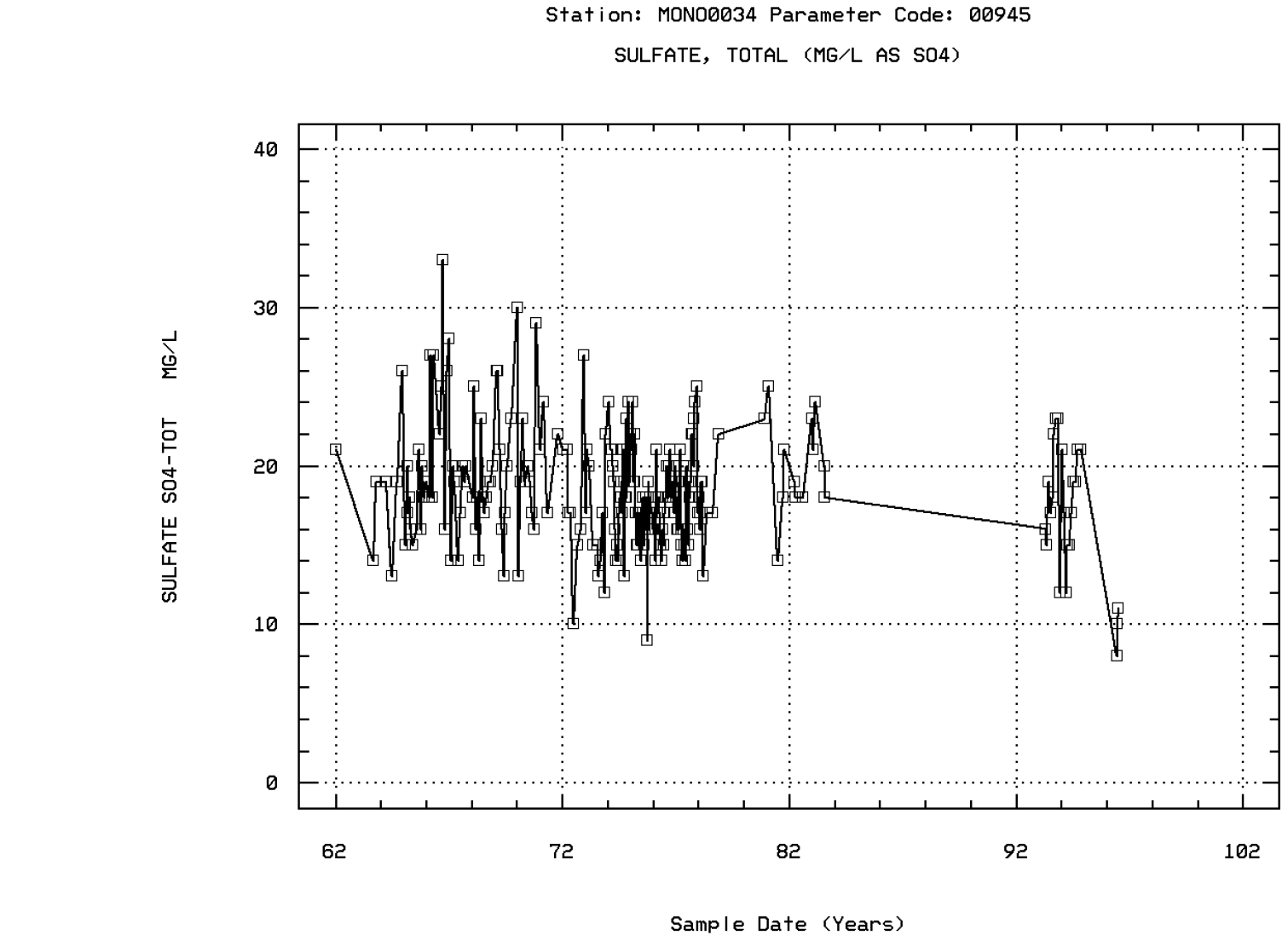
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



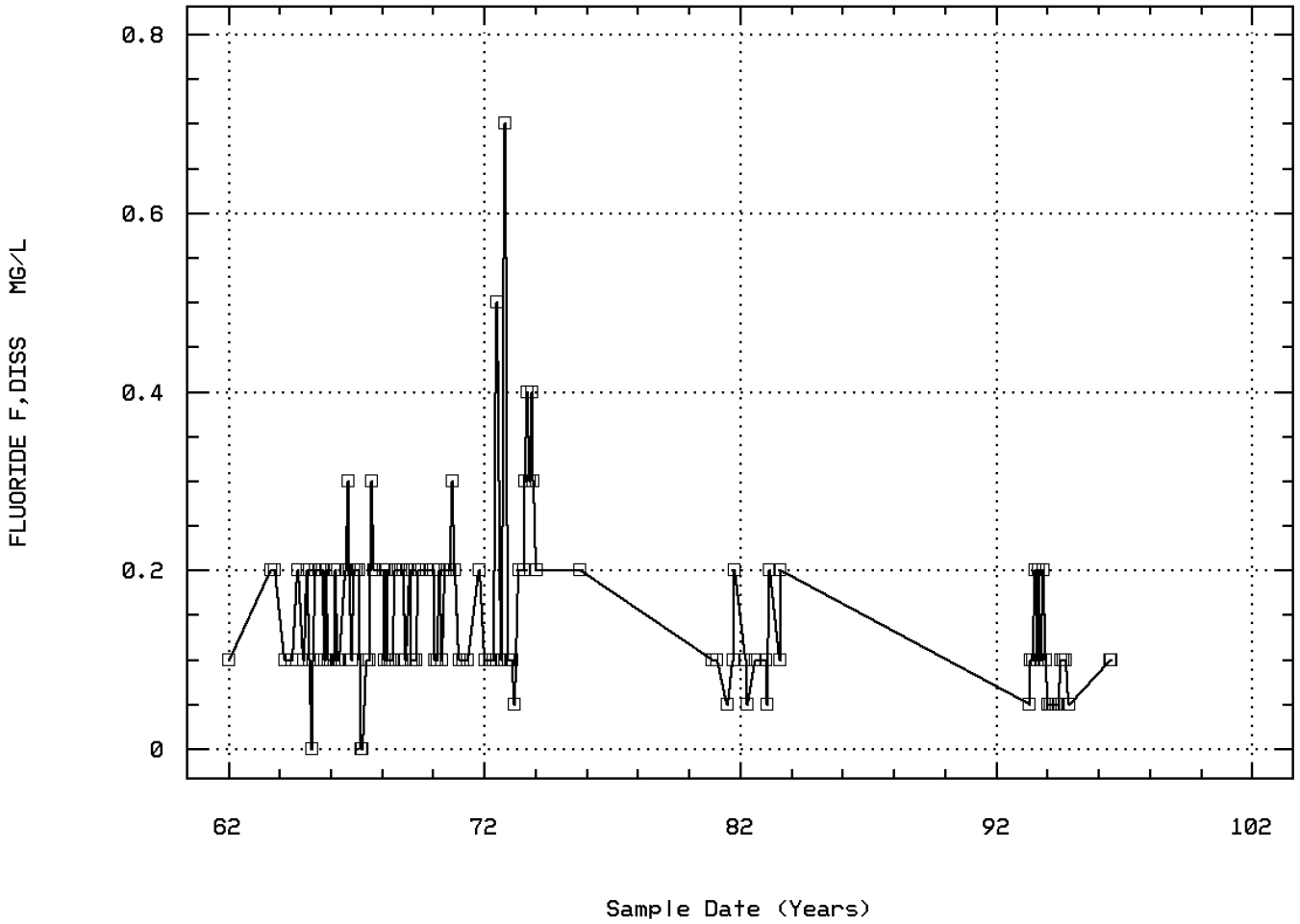
MONOCACY R AT REICHS FORD BRIDGE NR FRE



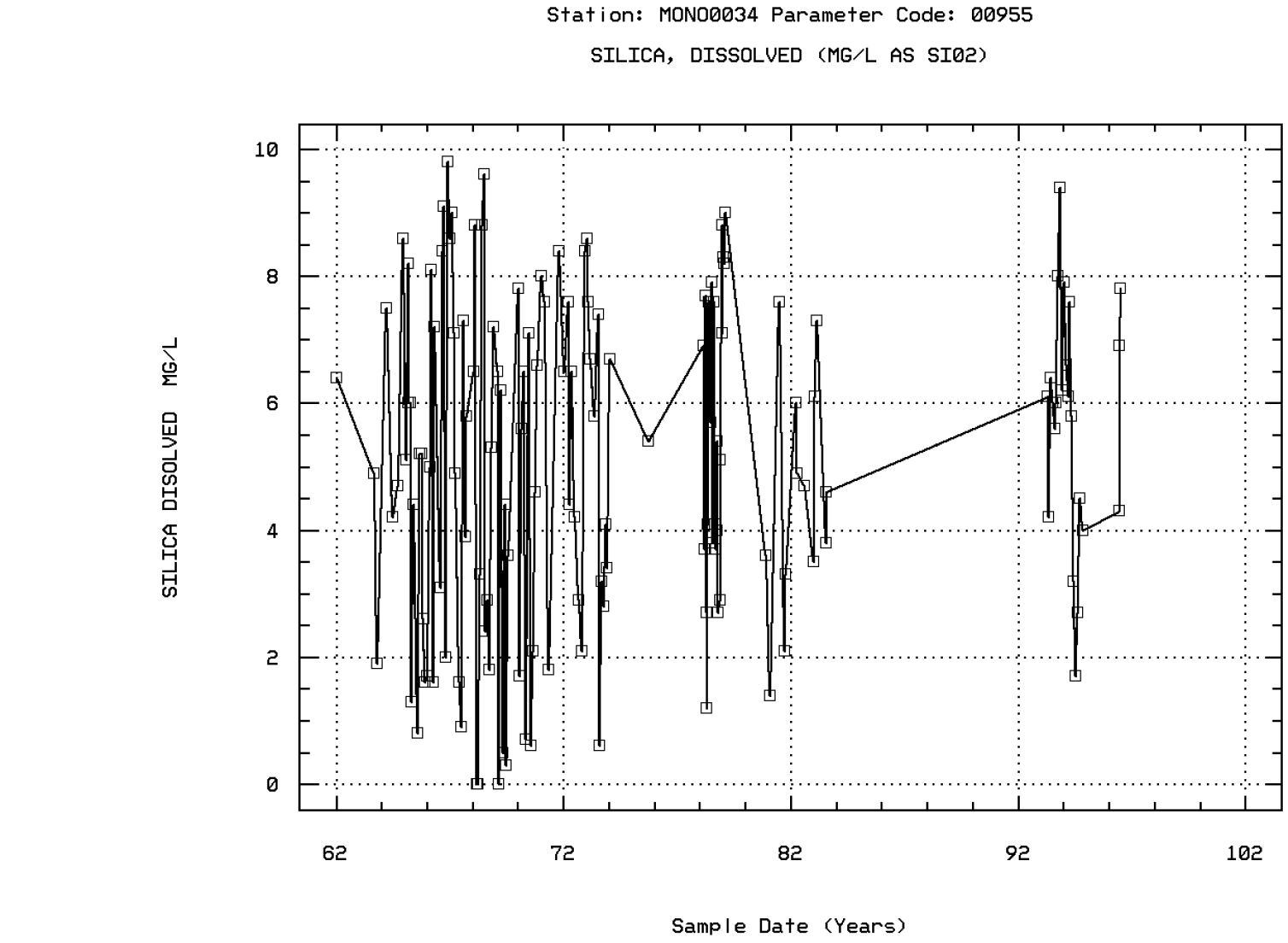
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00950

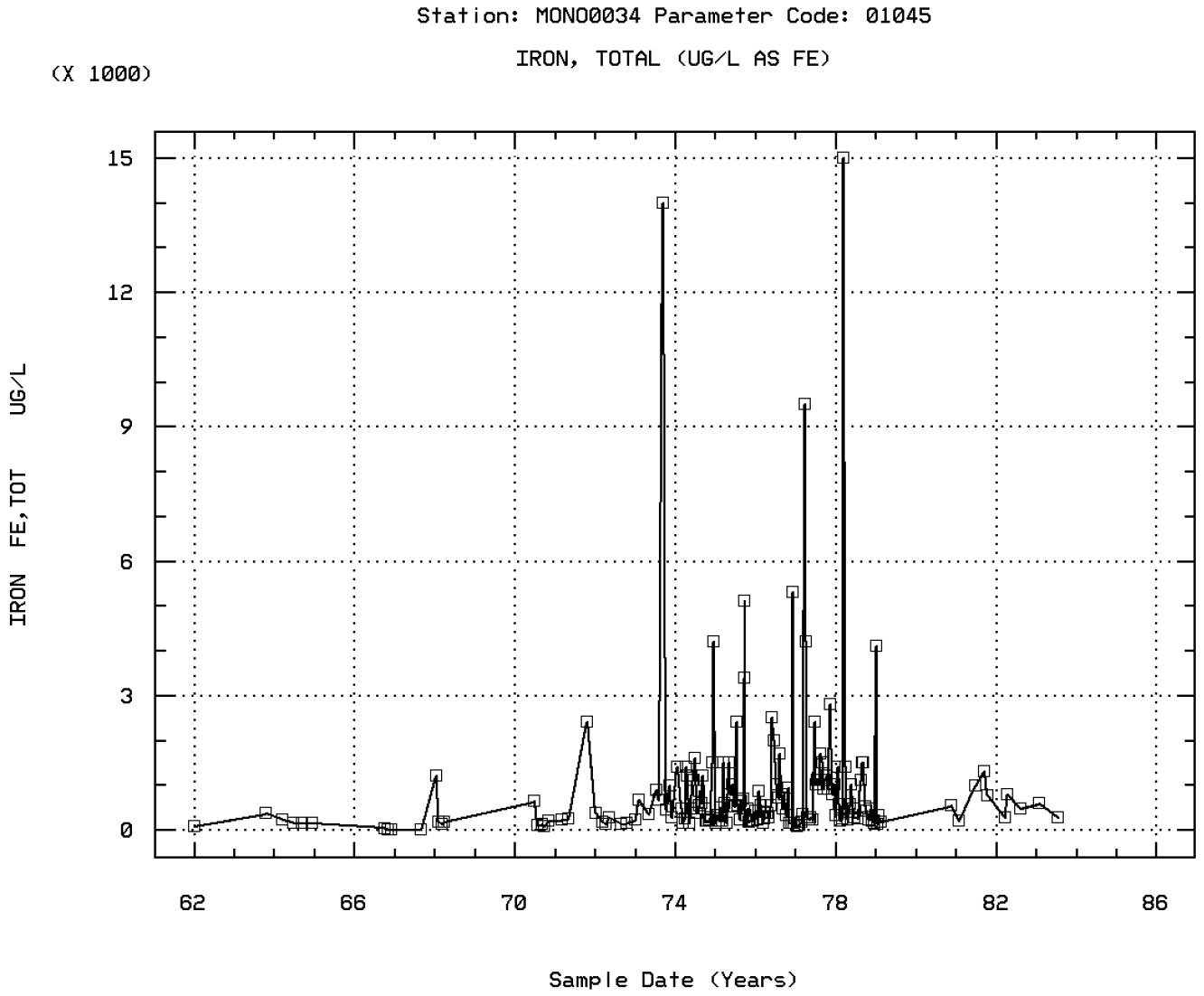
FLUORIDE, DISSOLVED (MG/L AS F)



MONOCACY R AT REICHS FORD BRIDGE NR FRE



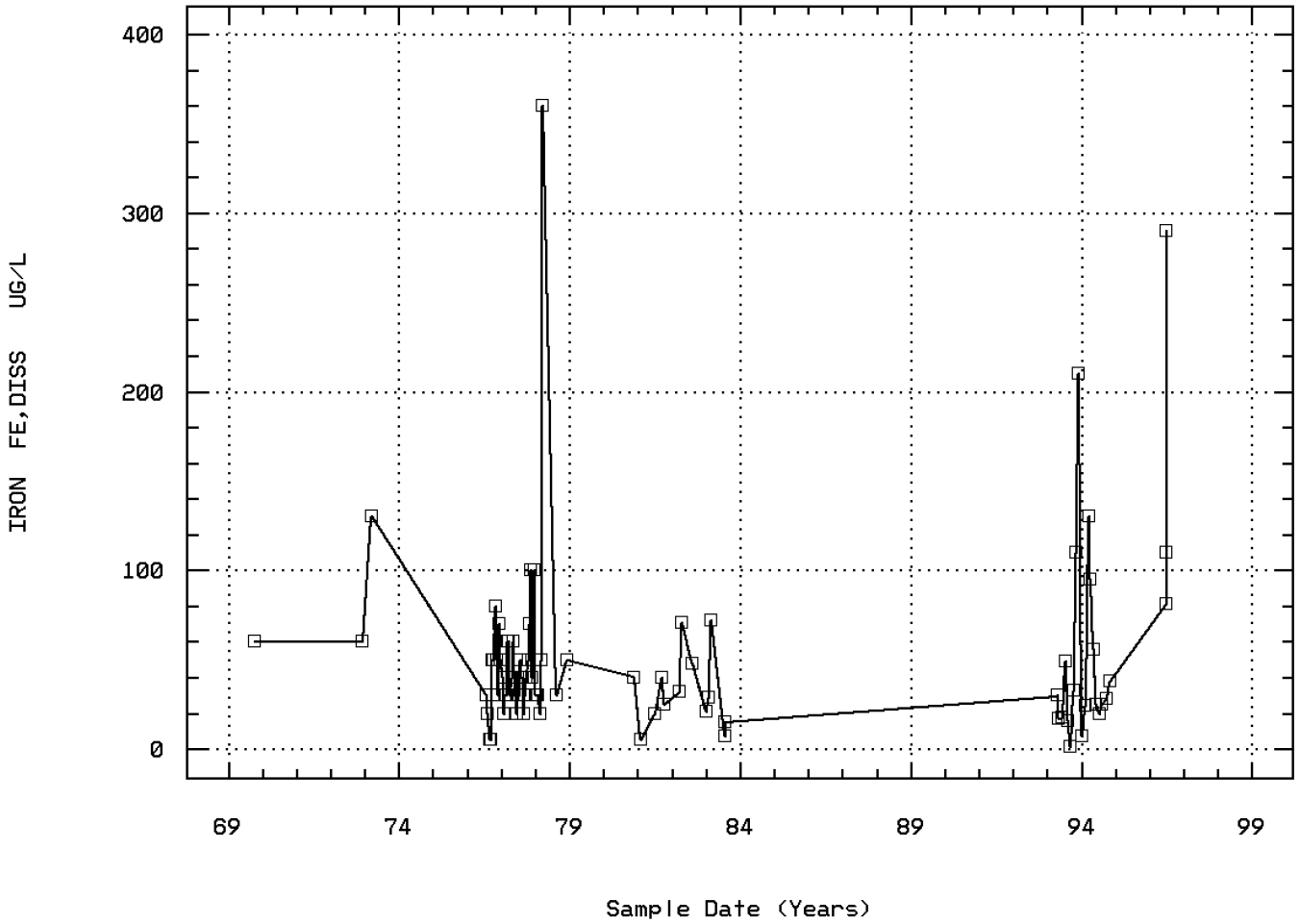
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01046

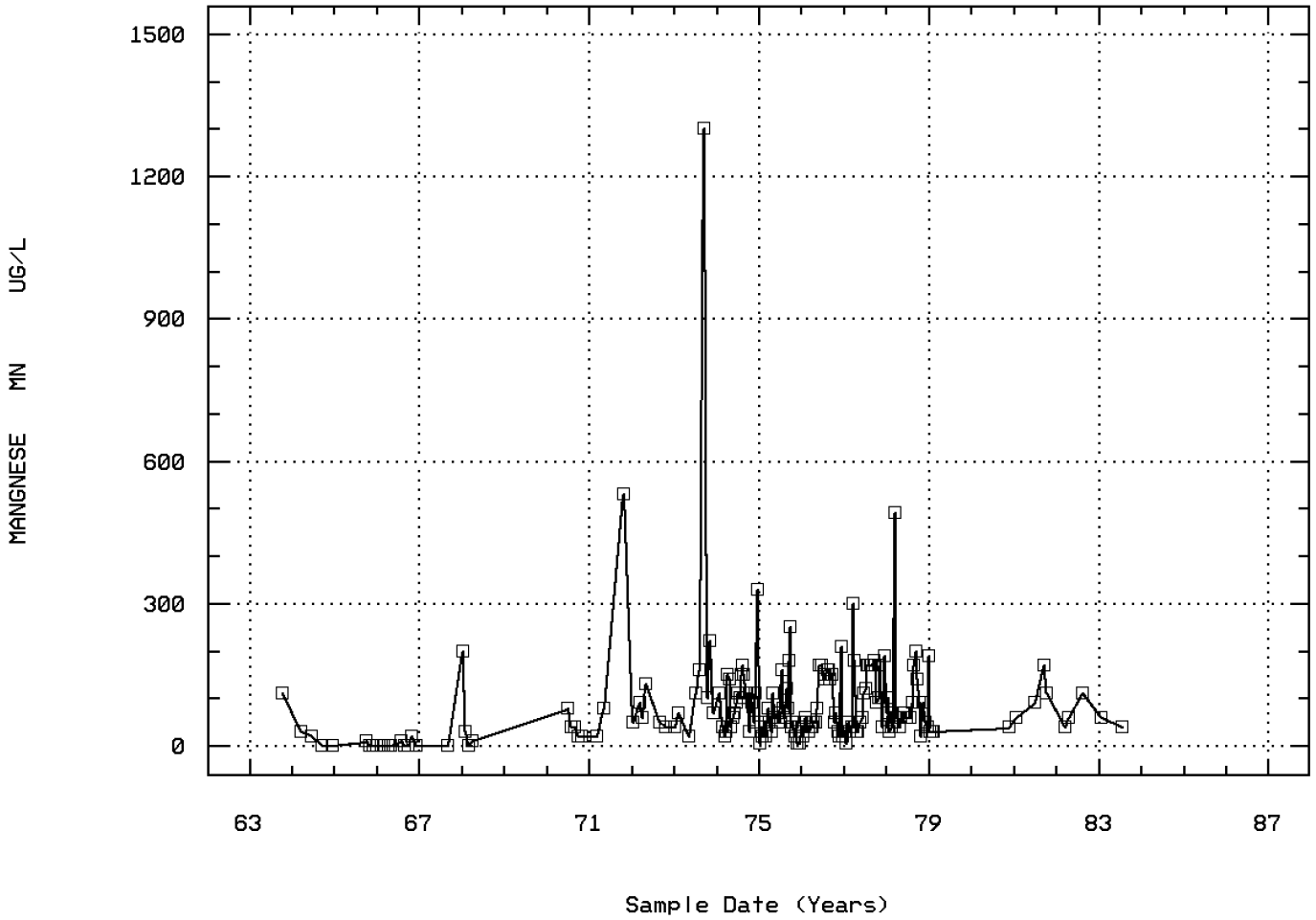
IRON, DISSOLVED (UG/L AS FE)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01055

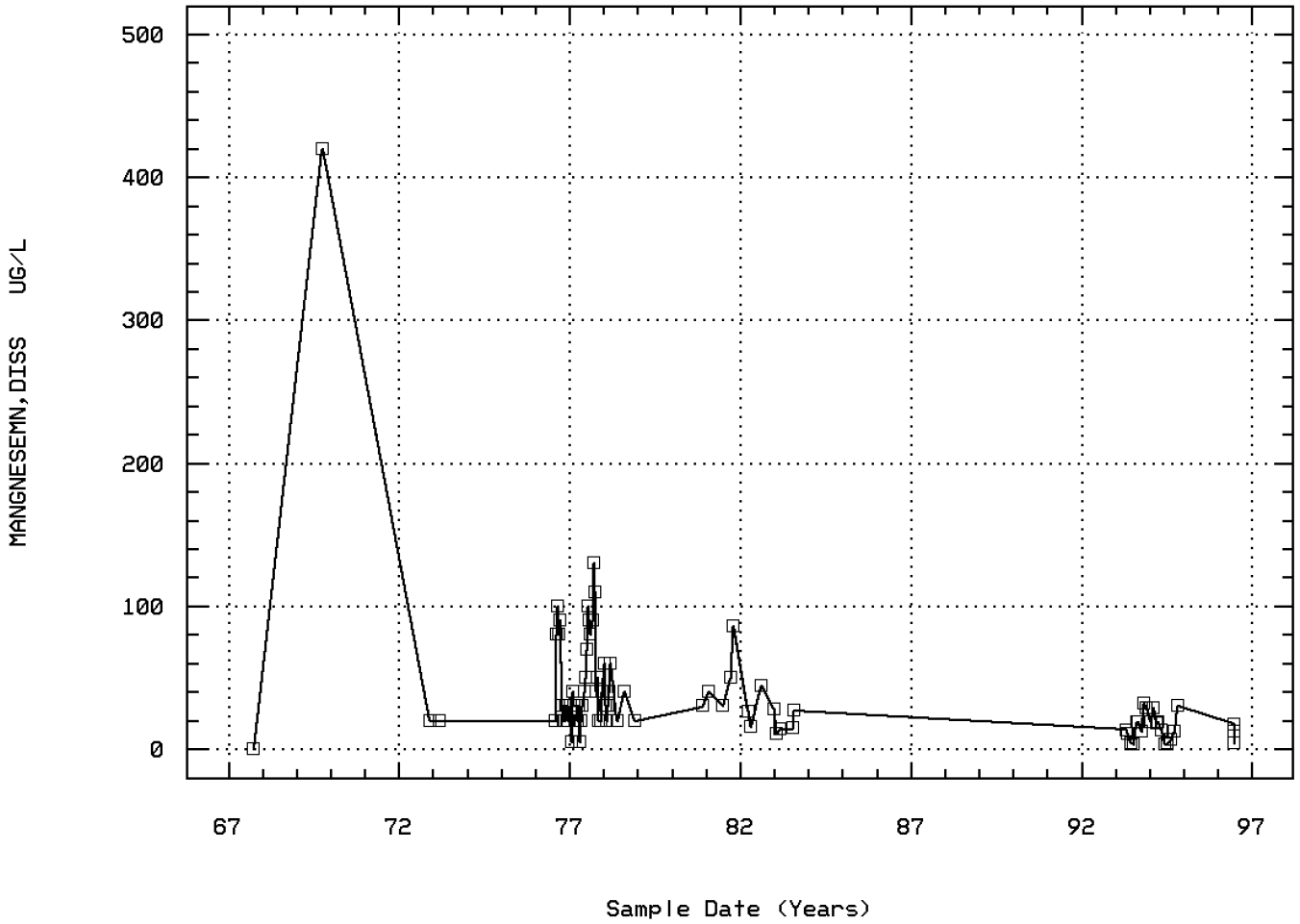
MANGANESE, TOTAL (UG/L AS MN)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01056

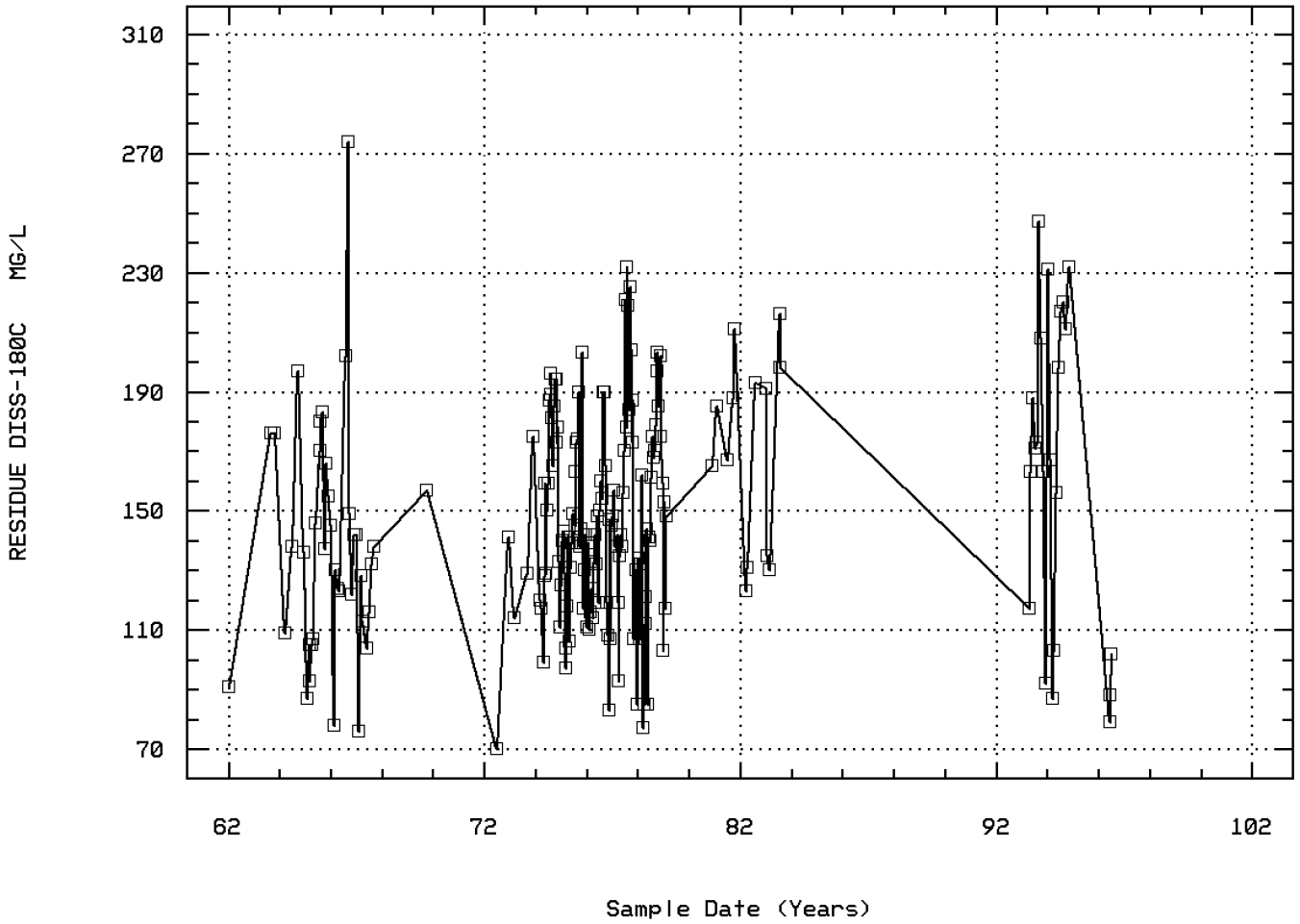
MANGANESE, DISSOLVED (UG/L AS MN)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70300

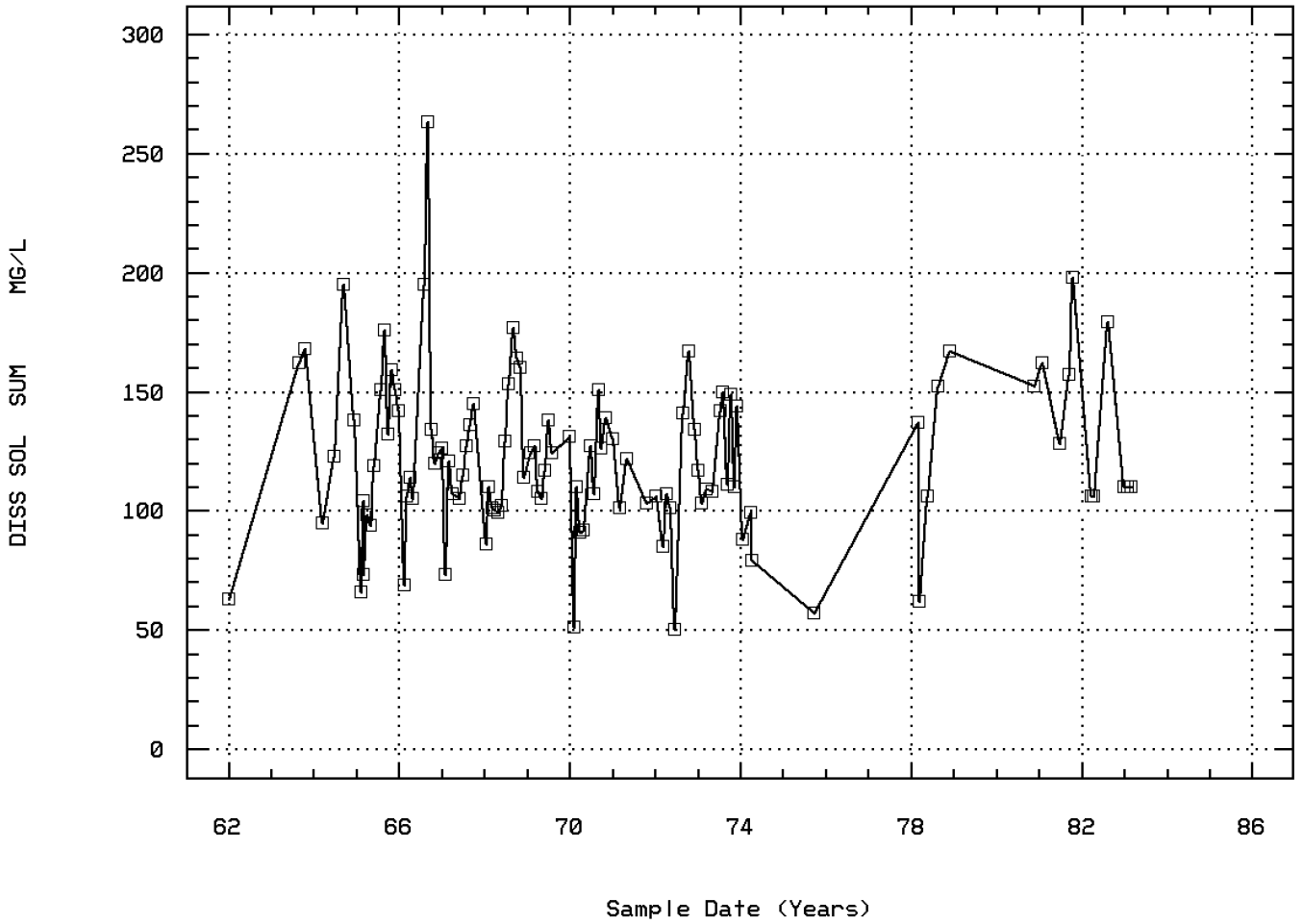
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



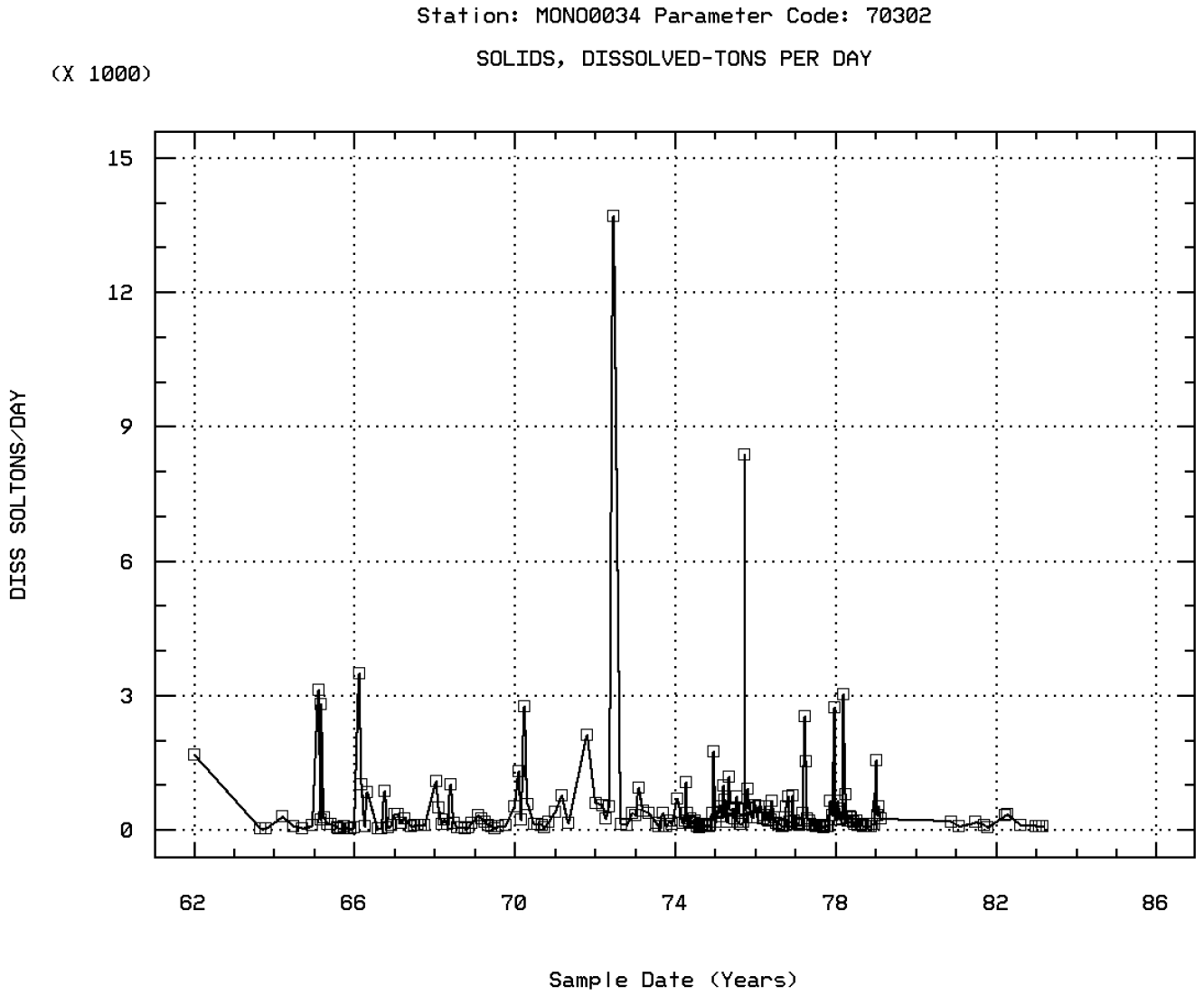
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70301

SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



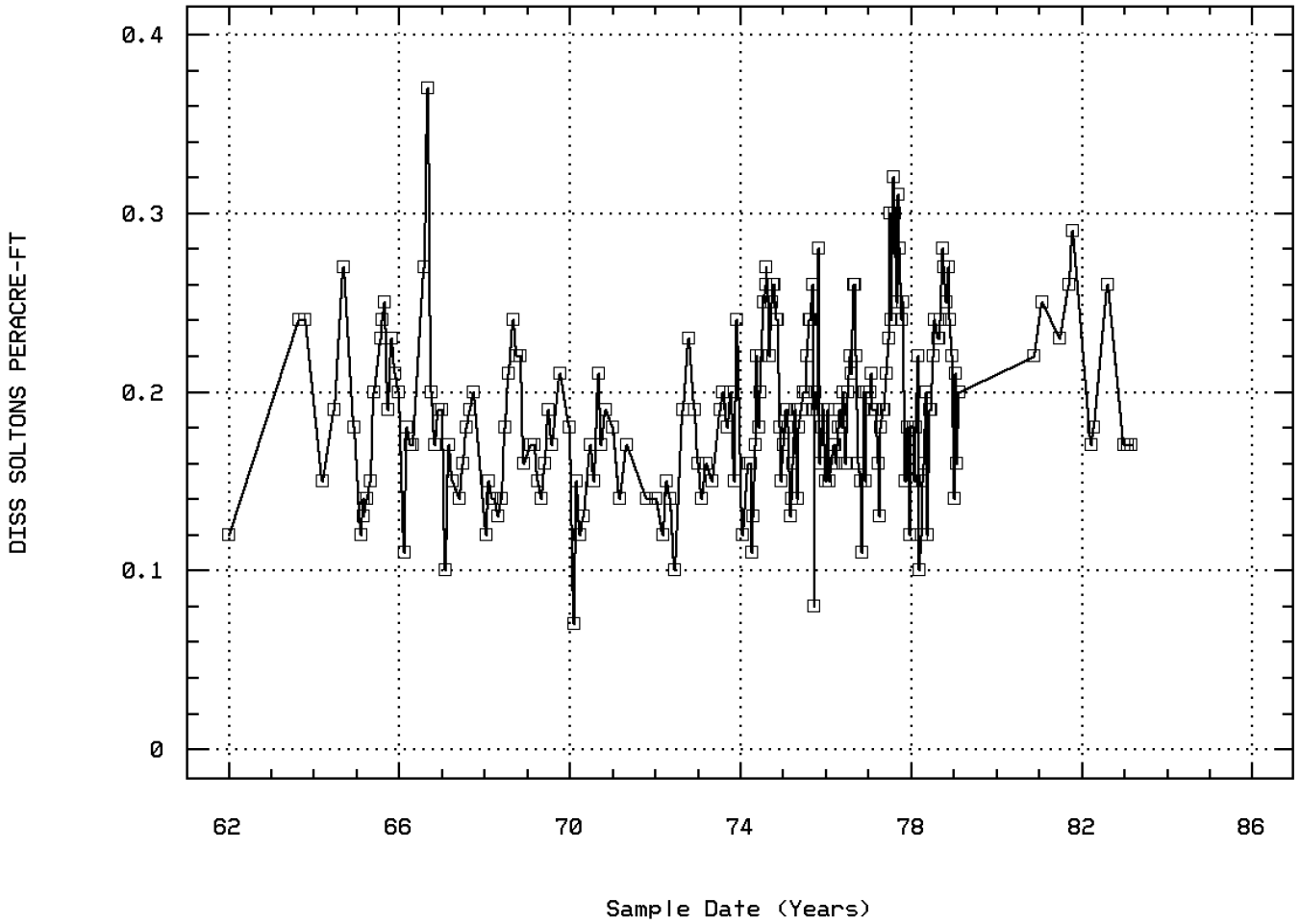
MONOCACY R AT REICHS FORD BRIDGE NR FRE



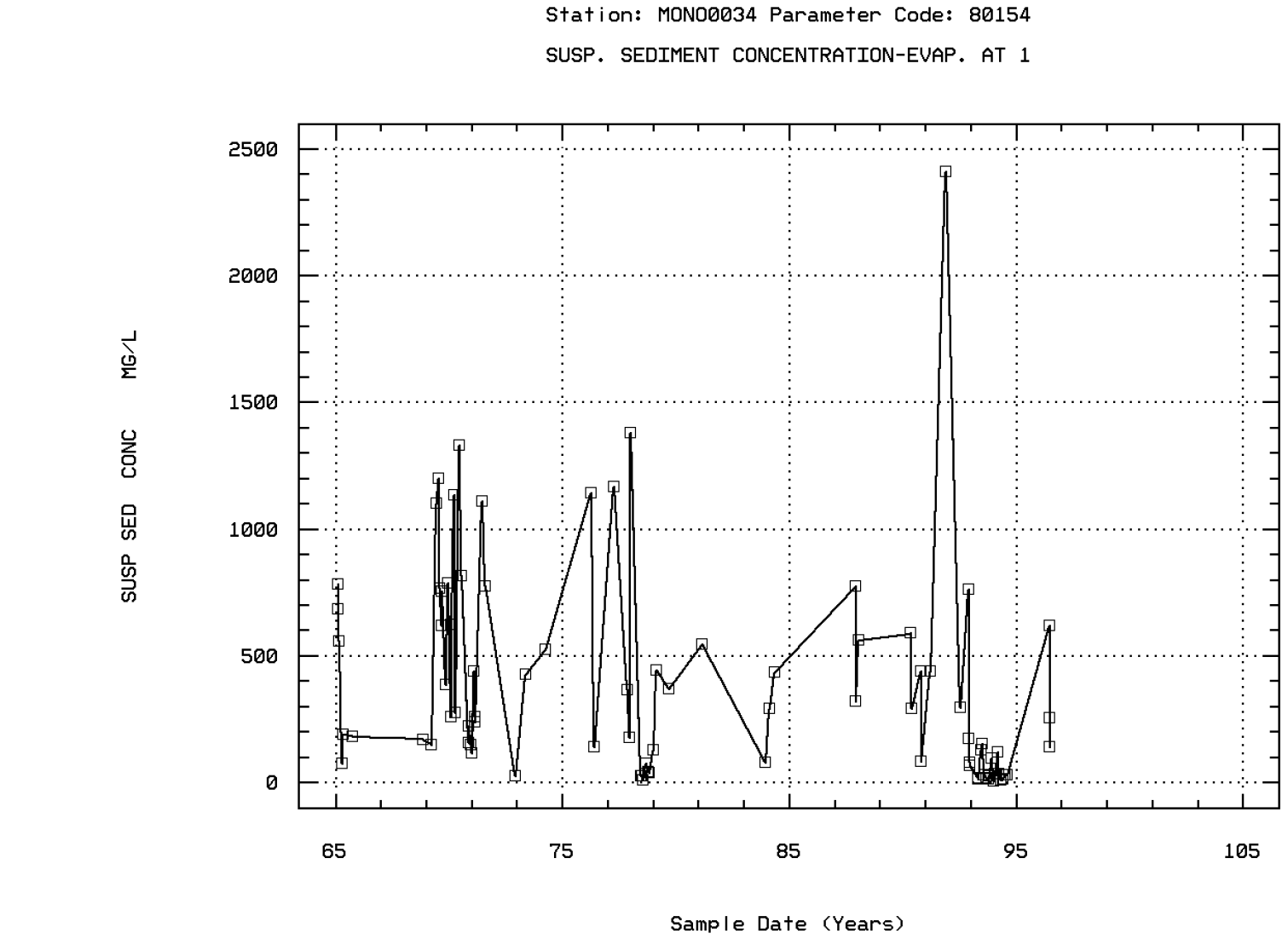
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Annual Analysis for 1962 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	1	6750.	6750.	6750.	6750.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	1	91.	91.	91.	91.	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	1	1660.	1660.	1660.	1660.	0.	0.	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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Annual Analysis for 1963 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	2	18.75	18.75	22.	15.5	21.125	4.596	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	2	61.	61.	72.	50.	242.	15.556	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	2	296.	296.	300.	292.	32.	5.657	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	2	7.4	7.4	7.7	7.1	0.18	0.424	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	2	7.304	7.304	7.7	7.1	0.199	0.446	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	2	0.05	0.05	0.079	0.02	0.002	0.042	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	2	9.95	9.95	16.	3.9	73.205	8.556	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	2	103.	103.	105.	101.	8.	2.828	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	2	125.5	125.5	128.	123.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	2	2.2	2.2	2.9	1.5	0.98	0.99	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	2	124.5	124.5	129.	120.	40.5	6.364	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	2	21.5	21.5	28.	15.	84.5	9.192	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	2	38.5	38.5	40.	37.	4.5	2.121	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	2	6.9	6.9	7.1	6.7	0.08	0.283	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	2	14.5	14.5	16.	13.	4.5	2.121	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	2	3.4	3.4	4.9	1.9	4.5	2.121	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	1	380.	380.	380.	380.	0.	0.	**	**	**	**

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Annual Analysis for 1963 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	1	110.	110.	110.	110.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	2	176.	176.	176.	176.	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	2	165.	165.	168.	162.	18.	4.243	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	2	29.	29.	34.2	23.8	54.08	7.354	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	2	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	2	9.85	9.85	13.	6.7	19.845	4.455	**	**	**	**

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Annual Analysis for 1964 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	3	16.5	14.667	26.5	1.	165.083	12.848	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	4	218.5	375.5	1000.	65.	179409.667	423.568	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	1	254.	254.	254.	254.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	221.	238.5	336.	176.	4717.667	68.685	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.25	7.175	7.4	6.8	0.069	0.263	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.247	7.109	7.4	6.8	0.075	0.274	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.057	0.078	0.158	0.04	0.003	0.055	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	4	9.95	9.975	15.	5.	19.469	4.412	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	4	72.	76.25	122.	39.	1214.917	34.856	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	4	88.	93.25	149.	48.	1803.583	42.469	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	4	1.9	1.95	2.5	1.5	0.17	0.412	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	4	97.	101.75	146.	67.	1070.917	32.725	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	4	26.	25.5	32.	18.	35.667	5.972	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	30.	31.5	46.	20.	116.333	10.786	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	5.35	5.575	7.5	4.1	2.076	1.441	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	6.35	7.025	11.	4.4	8.602	2.933	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	4	0.25	0.275	0.4	0.2	0.009	0.096	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	4	13.	12.5	14.	10.	3.667	1.915	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	2.8	2.75	3.9	1.5	1.13	1.063	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	4	9.	10.75	18.	7.	26.917	5.188	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	4	19.	19.25	26.	13.	28.25	5.315	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	6.1	6.25	8.6	4.2	4.563	2.136	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	4	160.	175.	220.	160.	900.	30.	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	4	10.	12.5	30.	0.	225.	15.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	4	137.	145.	197.	109.	1376.667	37.103	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	4	130.5	137.75	195.	95.	1774.25	42.122	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	4	80.75	122.525	294.	34.6	13646.596	116.819	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	4	0.185	0.198	0.27	0.15	0.003	0.051	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	4	8.4	8.6	11.	6.6	3.287	1.813	**	**	**	**

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Annual Analysis for 1965 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	15	8.9	11.9	24.	1.1	68.593	8.282	1.46	4.5	23.	24.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	18	838.	4128.	16500.	63.	33710870.588	5806.106	66.6	101.75	10600.	13620.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	16	485.	1437.438	10700.	63.	8146614.129	2854.227	65.8	95.25	924.5	7410.
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	4	6.	6.	7.	5.	1.333	1.155	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	12	222.	221.083	318.	100.	5703.356	75.521	104.2	170.5	293.25	315.6
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.1	7.083	7.8	6.7	0.098	0.313	6.7	6.825	7.275	7.65

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Annual Analysis for 1965 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.1	6.996	7.8	6.7	0.106	0.326	6.7	6.825	7.275	7.65
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	12	0.079	0.101	0.2	0.016	0.004	0.06	0.026	0.053	0.15	0.2
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	12	11.5	12.925	29.	2.3	74.92	8.656	2.42	4.7	21.5	27.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	12	74.5	71.917	123.	15.	1189.72	34.492	17.1	46.25	100.75	118.2
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	12	91.	87.667	150.	18.	1774.788	42.128	20.7	56.25	122.5	144.3
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	12	1.5	1.344	2.1	0.05	0.448	0.669	0.089	1.1	1.9	2.07
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	12	92.5	91.667	136.	40.	1064.788	32.631	41.2	68.5	119.75	133.6
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	12	21.5	20.	25.	13.	14.545	3.814	13.3	18.	22.75	24.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	12	28.5	28.917	43.	13.	126.083	11.229	13.	20.	40.	42.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	12	4.75	4.75	6.9	1.8	2.094	1.447	2.1	4.25	5.55	6.87
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	11	6.1	6.609	12.	3.1	6.819	2.611	3.14	4.9	8.5	11.4
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	12	0.3	0.317	0.5	0.2	0.007	0.083	0.2	0.3	0.375	0.47
00932p	SODIUM, PERCENT	10/14/63-02/24/83	12	13.5	13.583	16.	11.	2.083	1.443	11.3	13.	14.	16.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	11	3.	2.809	4.9	0.8	2.041	1.429	0.84	1.2	3.8	4.88
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	12	10.5	10.583	16.	6.	13.174	3.63	6.3	7.	14.	15.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	12	16.5	17.333	21.	15.	4.242	2.06	15.	16.	19.5	20.7
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	11	0.1	0.136	0.2	0.	0.005	0.067	0.02	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	11	5.1	4.218	8.2	0.8	5.462	2.337	0.9	1.6	6.	7.76
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	12	141.5	136.167	183.	87.	1243.242	35.26	88.8	105.	169.	182.1
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	11	119.	120.273	176.	66.	1326.418	36.42	67.4	94.	151.	172.6
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	12	89.15	576.058	3130.	31.1	1260672.81	1122.797	31.55	35.875	250.5	3034.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	12	0.195	0.186	0.25	0.12	0.002	0.047	0.123	0.14	0.23	0.247
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	12	6.65	5.942	9.2	0.2	8.684	2.947	0.38	4.775	8.4	9.05

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Annual Analysis for 1966 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	11	10.6	10.718	26.7	0.5	77.474	8.802	0.74	2.	12.8	26.48
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	2	8.75	8.75	15.5	2.	91.125	9.546	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	10	267.	2499.	16500.	24.	25494763.778	5049.234	25.	121.	2632.5	15141.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	12	283.	1877.333	13400.	24.	14118491.152	3757.458	61.8	186.5	2437.5	10142.
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	9	6.	8.222	20.	1.	33.194	5.761	1.	5.	12.5	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	10	215.5	242.1	463.	121.	9923.878	99.619	126.2	173.75	288.	452.4
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	10	6.65	6.7	7.2	6.1	0.113	0.337	6.13	6.55	6.975	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	10	6.647	6.586	7.2	6.1	0.128	0.358	6.13	6.55	6.975	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	10	0.225	0.26	0.794	0.063	0.045	0.213	0.063	0.11	0.288	0.755
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	10	24.5	24.91	43.	9.1	105.748	10.283	9.69	16.5	34.25	42.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	10	61.	69.5	143.	16.	1603.833	40.048	17.8	40.75	98.	141.2
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	10	74.5	84.7	174.	20.	2354.678	48.525	22.2	49.5	119.	171.8
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	10	1.6	1.603	2.9	0.05	0.875	0.935	0.083	0.995	2.35	2.86
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	10	89.5	97.8	170.	44.	1341.067	36.621	46.8	73.5	119.	167.6
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	10	27.	28.4	40.	21.	51.156	7.152	21.	21.75	35.5	39.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	10	26.5	29.9	53.	14.	147.211	12.133	14.6	20.75	39.25	52.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	10	5.2	5.64	9.3	2.3	3.556	1.886	2.52	4.8	6.65	9.14
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	10	5.65	8.2	26.	2.2	48.878	6.991	2.41	4.6	9.575	24.8
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	10	0.25	0.32	0.9	0.1	0.053	0.23	0.11	0.2	0.35	0.86
00932p	SODIUM, PERCENT	10/14/63-02/24/83	10	12.	13.3	24.	9.	18.456	4.296	9.2	11.	14.	23.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	10	2.65	3.11	7.4	1.7	2.734	1.654	1.73	2.	3.525	7.02
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	10	10.	12.8	35.	6.	73.733	8.587	6.1	7.75	15.	33.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	10	23.5	23.1	33.	16.	28.989	5.384	16.2	18.	27.	32.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	10	0.15	0.16	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.29
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	10	6.1	5.6	9.8	1.6	10.813	3.288	1.61	1.925	8.575	9.73

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

Annual Analysis for 1966 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	3	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	10	0.	3.	20.	0.	45.556	6.749	0.	0.	2.5	19.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	10	136.	148.9	274.	78.	2881.211	53.677	82.4	122.75	162.25	266.8
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	10	122.	137.2	263.	69.	2985.511	54.64	72.6	105.75	155.25	256.2
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	10	96.5	654.43	3480.	17.8	1149007.402	1071.918	17.87	46.1	897.75	3234.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	10	0.185	0.203	0.37	0.11	0.005	0.071	0.116	0.17	0.218	0.36
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	10	7.	7.03	13.	0.2	17.131	4.139	0.35	4.325	10.25	12.8

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Annual Analysis for 1967 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	7	11.	13.214	23.5	1.5	70.738	8.411	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	4	11.5	14.625	25.	10.5	48.229	6.945	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	9	328.	583.333	1630.	235.	218561.75	467.506	235.	278.	877.5	1630.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	15	450.	628.733	1630.	164.	212454.495	460.928	206.6	296.	872.	1576.
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	9	3.	3.444	7.	0.	5.028	2.242	0.	1.5	5.	7.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	10	206.	201.7	250.	117.	1378.233	37.125	123.3	186.	227.	248.9
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	10	7.25	7.34	7.9	6.8	0.24	0.49	6.8	6.8	7.9	7.9
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	10	7.247	7.129	7.9	6.8	0.29	0.538	6.8	6.8	7.9	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	10	0.057	0.074	0.158	0.013	0.004	0.065	0.013	0.013	0.158	0.158
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	10	8.25	8.	20.	1.3	42.093	6.488	1.3	1.375	13.25	19.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	10	61.5	60.	80.	33.	217.333	14.742	34.2	51.	69.5	80.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	10	74.5	73.1	98.	40.	322.767	17.966	41.5	62.5	85.	97.9
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	9	1.9	1.712	2.7	0.59	0.596	0.772	0.59	0.91	2.35	2.7
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	10	84.5	84.9	107.	50.	248.544	15.765	52.9	79.	92.5	106.9
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	10	25.5	25.	40.	17.	51.778	7.196	17.	17.75	28.25	39.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	9	26.	25.889	33.	16.	24.861	4.986	16.	23.5	29.5	33.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	9	5.2	5.033	6.5	2.4	1.425	1.194	2.4	4.5	5.9	6.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	9	6.	5.767	7.8	2.1	2.703	1.644	2.1	5.15	6.85	7.8
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	9	0.3	0.267	0.3	0.1	0.005	0.071	0.1	0.25	0.3	0.3
00932p	SODIUM, PERCENT	10/14/63-02/24/83	9	12.	12.222	15.	8.	4.444	2.108	8.	11.	14.	15.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	9	1.9	2.411	4.	0.7	1.681	1.297	0.7	1.3	3.95	4.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	10	10.	9.7	13.	4.	6.456	2.541	4.4	8.75	12.	12.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	9	19.	19.	28.	14.	17.25	4.153	14.	15.5	20.	28.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	9	0.2	0.144	0.3	0.	0.01	0.101	0.	0.05	0.2	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	9	5.8	5.456	9.	0.9	8.378	2.894	0.9	2.75	7.95	9.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	8	122.	118.625	142.	76.	465.411	21.573	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	9	121.	117.222	145.	73.	440.694	20.993	73.	106.	131.5	145.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	9	105.	175.333	357.	83.1	12007.403	109.578	83.1	94.45	292.5	357.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	9	0.17	0.164	0.2	0.1	0.001	0.031	0.1	0.145	0.19	0.2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	9	8.6	7.644	12.	2.6	11.845	3.442	2.6	4.05	10.5	12.

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Annual Analysis for 1968 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	12	12.	14.25	29.	0.	83.841	9.156	1.2	7.5	22.	28.7
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	13	432.	1355.154	4650.	85.	3047425.308	1745.688	85.4	115.	2670.	4622.

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Annual Analysis for 1968 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	13	428.	1094.385	4650.	85.	2080898.923	1442.532	85.4	115.	1616.	4189.2
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	12	5.	5.583	15.	0.	17.356	4.166	0.6	2.25	8.	13.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	12	193.5	215.167	312.	145.	3192.879	56.506	151.	168.75	276.25	305.4
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.6	7.708	9.1	6.7	0.361	0.601	6.82	7.35	8.075	8.8
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.6	7.399	9.1	6.7	0.465	0.682	6.82	7.35	8.075	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	12	0.025	0.04	0.2	0.001	0.003	0.055	0.003	0.008	0.045	0.163
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	12	3.3	3.617	10.	0.2	7.411	2.722	0.41	1.2	5.075	8.8
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	12	60.5	67.917	115.	26.	857.356	29.281	29.9	42.25	100.75	111.7
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	12	67.5	81.333	140.	32.	1295.879	35.998	36.8	51.25	122.25	136.1
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	12	0.	0.75	9.	0.	6.75	2.598	0.	0.	0.	6.3
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	12	1.8	1.625	2.3	0.05	0.417	0.646	0.26	1.4	2.05	2.27
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	12	82.5	92.083	137.	50.	704.265	26.538	56.	75.5	120.75	133.1
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	12	23.5	24.25	37.	10.	46.568	6.824	12.4	22.	29.75	35.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	12	24.5	27.917	44.	14.	82.992	9.11	15.8	22.25	37.5	42.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	12	5.1	5.35	6.6	3.6	0.977	0.989	3.75	4.825	6.475	6.57
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	12	5.7	6.583	9.7	4.3	3.787	1.946	4.42	5.075	8.6	9.61
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	12	0.3	0.3	0.4	0.2	0.005	0.074	0.2	0.225	0.375	0.4
00932p	SODIUM, PERCENT	10/14/63-02/24/83	12	13.	13.25	19.	11.	4.023	2.006	11.3	12.	13.75	17.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	12	2.4	2.575	3.8	1.6	0.791	0.889	1.6	1.65	3.45	3.77
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	12	10.	10.667	15.	7.	7.697	2.774	7.3	8.25	13.5	15.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	12	18.	18.75	25.	14.	8.568	2.927	14.6	17.25	19.75	24.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	12	0.2	0.158	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	12	4.3	4.717	9.6	0.	11.869	3.445	0.	1.95	8.4	9.36
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	4	175.	420.	1200.	130.	270866.667	520.449	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	4	20.	60.	200.	0.	8866.667	94.163	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	12	112.	124.583	177.	86.	956.447	30.926	89.9	100.25	158.25	173.1
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	12	130.5	294.01	1080.01	38.1	139073.428	372.925	38.85	45.4	430.25	1059.01
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	12	0.155	0.171	0.24	0.12	0.002	0.041	0.123	0.14	0.218	0.234
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	12	7.95	7.175	10.	0.2	8.142	2.853	1.13	6.125	9.175	9.88

** - Less than 9 observations ## - Computed with 50% or 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 MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	26	21.	16.096	29.	0.5	84.06	9.168	3.	6.375	23.25	26.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	5	19.	15.4	29.5	-1.5	156.425	12.507	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	24	637.5	1720.458	10600.	91.	8426532.955	2902.849	95.5	181.75	2022.5	7030.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	23	579.	1618.957	10550.	91.	6193721.498	2488.719	121.8	213.	2702.	5028.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	7	10.	9.286	15.	0.	28.571	5.345	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	14	229.	234.143	290.	170.	1427.516	37.782	181.5	198.75	265.25	290.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	6	9.4	9.383	12.1	6.2	4.178	2.044	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.5	7.592	8.5	6.8	0.197	0.444	6.98	7.4	7.75	8.44
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	12	7.5	7.415	8.5	6.8	0.231	0.481	6.98	7.4	7.75	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	12	0.032	0.038	0.158	0.003	0.002	0.04	0.004	0.018	0.04	0.123
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	5	2.4	2.28	3.6	0.5	1.697	1.303	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	8	67.5	64.875	93.	39.	335.839	18.326	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	6	72.5	75.833	108.	48.	579.767	24.078	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	7	1.2	1.196	2.7	0.05	0.882	0.939	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	8	86.	89.75	107.	77.	120.786	10.99	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	8	25.	24.75	41.	9.	133.071	11.536	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	7	25.	26.	32.	22.	11.333	3.367	**	**	**	**

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Annual Analysis for 1969 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	7	5.5	5.371	6.	3.7	0.612	0.783	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	7	6.9	7.3	10.	5.6	2.393	1.547	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	7	0.3	0.357	0.5	0.3	0.006	0.079	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	7	14.	14.714	19.	13.	4.905	2.215	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	7	3.	2.843	4.	1.7	0.863	0.929	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	8	12.	12.75	20.	9.	11.929	3.454	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	8	20.5	20.25	26.	13.	22.214	4.713	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	8	0.2	0.163	0.2	0.1	0.003	0.052	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	7	3.6	3.071	6.5	0.	7.886	2.808	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	1	420.	420.	420.	420.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	7	43000.	40000.	87000.	6000.	712666666.667	26695.817	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	7	4.633	4.49	4.94	3.778	0.144	0.38	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30867.624								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	1	157.	157.	157.	157.	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	7	124.	120.429	138.	105.	130.286	11.414	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	8	92.6	137.525	331.	33.9	10412.274	102.041	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	8	0.17	0.17	0.21	0.14	0.	0.022	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	7	5.1	5.243	12.	0.2	17.243	4.152	**	**	**	**

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Annual Analysis for 1970 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	38	11.75	12.684	27.5	0.	83.073	9.114	1.45	4.5	23.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	7	21.	19.5	26.5	4.	53.167	7.292	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	31	768.	2888.871	15800.	127.	16248715.916	4030.97	178.6	392.	3410.	10530.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	24	1820.	4171.458	16200.	105.	25898438.259	5089.051	131.	325.25	7095.	13525.
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	10	5.	7.9	20.	1.	39.878	6.315	1.3	4.	15.	19.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	24	220.	214.583	280.	90.	1938.08	44.024	153.	192.25	240.75	272.5
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	14	9.25	9.943	13.	6.7	4.492	2.119	7.35	8.15	12.	13.
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.55	7.554	8.2	6.6	0.124	0.353	7.1	7.4	7.8	8.
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.547	7.393	8.2	6.6	0.151	0.389	7.1	7.4	7.8	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	24	0.028	0.04	0.251	0.006	0.002	0.049	0.01	0.016	0.04	0.082
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	10	2.1	3.69	14.	1.	14.912	3.862	1.01	1.475	4.55	13.07
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	10	57.	55.1	93.	17.	489.211	22.118	18.1	41.5	70.	90.7
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	10	69.5	67.2	114.	21.	727.511	26.972	22.3	50.5	85.	111.1
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	3	2.3	1.863	2.5	0.79	0.874	0.935	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	10	85.	80.9	116.	33.	539.211	23.221	35.4	66.75	97.	114.1
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	10	25.	25.9	43.	16.	68.989	8.306	16.2	18.75	30.75	42.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	10	25.	23.76	36.	9.6	54.087	7.354	10.24	19.	28.5	35.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	10	5.35	5.17	6.5	2.2	1.745	1.321	2.38	4.6	6.225	6.48
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	10	5.4	5.8	8.6	2.1	3.573	1.89	2.34	4.8	7.45	8.5
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	10	0.3	0.27	0.4	0.2	0.005	0.067	0.2	0.2	0.3	0.39
00932p	SODIUM, PERCENT	10/14/63-02/24/83	10	12.5	13.	17.	10.	5.111	2.261	10.1	11.	14.5	16.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	10	3.	2.9	4.2	1.5	0.727	0.852	1.52	2.225	3.6	4.14
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	10	10.5	10.1	15.	4.	12.322	3.51	4.3	7.	13.	14.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	10	19.	20.5	30.	13.	29.389	5.421	13.3	16.75	24.5	29.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	10	0.2	0.18	0.3	0.1	0.004	0.063	0.1	0.1	0.2	0.29
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	10	5.1	4.33	7.8	0.6	7.805	2.794	0.61	1.45	6.725	7.73
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	5	120.	228.	650.	70.	57520.	239.833	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	5	40.	40.	80.	20.	600.	24.495	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	12	4800.	8950.75	34000.	9.	91377179.477	9559.141	486.3	2925.	14250.	28900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	12	3.678	3.582	4.531	0.954	0.831	0.911	1.629	3.466	4.152	4.441

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Annual Analysis for 1970 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3820.959								
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	10	118.	112.5	151.	51.	846.722	29.098	55.	91.75	133.	149.8
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	10	196.5	591.68	2750.	47.3	719545.813	848.26	51.42	113.625	746.75	2606.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	10	0.16	0.154	0.21	0.07	0.002	0.04	0.075	0.128	0.183	0.208
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	10	6.1	6.72	11.	2.5	8.455	2.908	2.6	4.475	9.4	10.9

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Annual Analysis for 1971 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	21	7.	10.548	25.5	0.	88.973	9.433	0.	2.5	19.5	24.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	2	30.	30.	31.5	28.5	4.5	2.121	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	20	1700.	2593.65	9650.	220.	6669671.713	2582.571	279.6	492.5	3655.5	7349.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	12	2790.	3273.25	9695.	321.	8562142.205	2926.114	342.3	609.5	4543.75	9063.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	4	9.	13.25	35.	0.	252.25	15.882	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	13	222.	216.154	270.	172.	1053.474	32.457	173.2	182.5	245.	262.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	10	11.7	10.74	14.	7.5	6.038	2.457	7.55	8.	12.7	13.9
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	13	7.4	7.485	8.1	6.9	0.141	0.376	6.94	7.2	7.9	8.02
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	13	7.4	7.347	8.1	6.9	0.162	0.402	6.94	7.2	7.9	8.02
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	13	0.04	0.045	0.126	0.008	0.001	0.036	0.01	0.013	0.063	0.116
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	3	3.4	4.3	8.4	1.1	13.93	3.732	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	4	42.5	47.	69.	34.	239.333	15.47	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	4	52.	57.5	84.	42.	345.	18.574	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	4	70.5	74.25	92.	64.	169.583	13.022	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	4	27.	26.75	30.	23.	14.25	3.775	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	20.	21.5	28.	18.	22.333	4.726	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	4.9	4.925	5.4	4.5	0.143	0.377	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	6.25	7.2	12.	4.3	11.567	3.401	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	4	0.3	0.35	0.6	0.2	0.03	0.173	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	4	14.5	16.5	25.	12.	33.667	5.802	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	2.	2.65	4.8	1.8	2.063	1.436	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	4	11.	12.75	20.	9.	24.917	4.992	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	4	21.5	21.	24.	17.	8.667	2.944	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	7.8	6.45	8.4	1.8	9.717	3.117	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	3	250.	956.667	2400.	220.	1562633.333	1250.053	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	3	80.	210.	530.	20.	77700.	278.747	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	10	490.	4787.5	24000.	0.	68302365.611	8264.525	3.2	62.75	8550.	23100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	10	2.69	2.647	4.38	0.	1.771	1.331	0.151	1.774	3.899	4.36
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			443.517								
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	4	112.5	114.	130.	101.	203.333	14.259	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	4	582.	854.5	2110.	144.	767777.	876.229	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	4	0.155	0.158	0.18	0.14	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	4	8.05	9.025	12.	8.	3.936	1.984	**	**	**	**

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Annual Analysis for 1972 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	7	10.5	12.5	25.	1.5	81.	9.	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	10	869.5	8251.	72600.	181.	511768250.667	22622.295	193.9	542.5	2120.	65573.

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Annual Analysis for 1972 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	9	972.	9282.889	74000.	199.	589572453.361	24281.113	199.	572.	2220.	74000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	6	3.	4.667	15.	0.	28.267	5.317	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	8	219.5	218.875	295.	87.	4207.839	64.868	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	6	8.8	9.033	13.2	5.2	8.803	2.967	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	7	7.5	7.329	7.6	6.8	0.092	0.304	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	7	7.5	7.224	7.6	6.8	0.105	0.324	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	7	0.032	0.06	0.158	0.025	0.003	0.051	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	3	4.8	4.533	6.1	2.7	2.943	1.716	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	8	51.	55.375	99.	16.	666.554	25.818	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	8	62.5	67.625	121.	19.	1005.696	31.713	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	8	2.05	2.163	2.9	1.6	0.228	0.478	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	8	76.5	82.375	130.	30.	892.839	29.88	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	8	27.5	27.375	40.	15.	53.125	7.289	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	8	22.	24.7	42.	8.6	105.177	10.256	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	8	5.2	5.1	6.5	2.2	1.649	1.284	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	8	5.35	5.512	8.8	1.8	3.91	1.977	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	8	0.3	0.275	0.3	0.1	0.005	0.071	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	8	12.	12.125	13.	10.	0.982	0.991	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	8	2.4	2.375	2.8	1.8	0.114	0.337	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	8	9.5	9.75	15.	4.	11.071	3.327	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	8	17.	18.	27.	10.	25.429	5.043	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	8	0.1	0.225	0.7	0.1	0.056	0.238	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	8	5.45	5.325	8.4	2.1	5.114	2.261	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	6	160.	203.333	380.	130.	9946.667	99.733	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	6	55.	70.	130.	40.	1160.	34.059	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	6	570.	782.083	2200.	2.5	711236.042	843.348	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	6	2.637	2.378	3.342	0.398	1.149	1.072	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			238.945								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	2	105.5	105.5	141.	70.	2520.5	50.205	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	8	106.5	111.375	167.	50.	1300.268	36.059	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	8	448.	2021.838	13700.	89.7	22302246.583	4722.525	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	8	0.145	0.158	0.23	0.1	0.002	0.043	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	8	9.05	9.525	13.	7.1	4.291	2.071	**	**	**	**

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Annual Analysis for 1973 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	15	11.5	13.433	25.	0.	61.174	7.821	2.4	8.5	22.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	6	22.	19.75	27.	8.	55.775	7.468	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	21	686.	1340.095	10200.	169.	4772906.79	2184.698	181.6	275.	1305.	3172.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	3	6.	50.	140.	4.	6076.	77.949	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	13	195.	216.231	285.	165.	1784.526	42.244	168.6	183.5	260.	281.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	6	9.25	9.2	11.6	6.4	4.94	2.223	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	3	2.4	3.7	7.4	1.3	10.57	3.251	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	13	7.5	7.408	8.	7.	0.087	0.296	7.	7.15	7.6	7.88
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	13	7.5	7.321	8.	7.	0.096	0.309	7.	7.15	7.6	7.88

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Annual Analysis for 1973 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	13	0.032	0.048	0.1	0.01	0.001	0.03	0.014	0.025	0.071	0.1
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	10	6.8	6.51	12.	1.	11.53	3.396	1.23	3.675	8.75	11.9
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	10	61.5	67.6	98.	38.	444.489	21.083	39.1	51.25	89.5	97.6
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	10	75.	82.5	120.	46.	670.5	25.894	47.4	62.25	109.	119.5
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	3	0.005	0.011	0.024	0.003	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	7	2.5	2.457	3.1	1.6	0.236	0.486	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	3	2.1	2.1	2.5	1.7	0.16	0.4	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	3	2.1	2.1	2.5	1.7	0.16	0.4	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	3	0.3	0.245	0.34	0.094	0.017	0.132	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	10	85.	93.5	120.	70.	373.833	19.335	70.6	76.75	112.5	120.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	10	27.	25.9	35.	15.	30.989	5.567	15.7	22.75	29.	34.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	10	25.5	28.3	38.	20.	42.9	6.55	20.2	23.5	34.75	37.9
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	10	5.5	5.59	7.1	4.	0.877	0.936	4.08	4.8	6.425	7.04
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	10	6.1	6.29	8.7	4.6	2.299	1.516	4.62	4.95	7.5	8.7
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	10	0.3	0.27	0.4	0.2	0.005	0.067	0.2	0.2	0.3	0.39
00932p	SODIUM, PERCENT	10/14/63-02/24/83	10	12.5	12.5	15.	10.	2.944	1.716	10.1	11.	14.	14.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	10	2.65	2.76	4.8	1.5	1.3	1.14	1.51	1.6	3.75	4.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	10	11.	10.9	14.	8.	4.322	2.079	8.1	9.	13.	13.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	10	16.	16.6	22.	12.	11.822	3.438	12.1	13.75	20.25	21.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	10	0.25	0.235	0.4	0.05	0.016	0.125	0.055	0.1	0.325	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	10	4.95	5.02	8.6	0.6	6.646	2.578	0.82	3.1	7.45	8.5
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	2 ##	10.	10.	20.	0.	200.	14.142	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	9	670.	2056.667	14000.	230.	20130825.	4486.739	230.	305.	940.	14000.
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	2	25.	25.	48.	2.	1058.	32.527	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	9	100.	232.222	1300.	20.	164069.444	405.055	20.	55.	190.	1300.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	2	60.	60.	80.	40.	800.	28.284	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	2	4500.	4500.	8800.	200.	36980000.	6081.118	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	6	7400.	8583.333	22000.	240.	69693506.667	8348.264	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	6	3.868	3.545	4.342	2.38	0.669	0.818	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3503.642								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	3	129.	139.333	175.	114.	1010.333	31.786	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	10	114.	124.3	150.	103.	373.344	19.322	103.5	108.75	145.25	149.9
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	10	257.5	303.44	929.	68.	64517.892	254.004	69.14	115.1	385.	877.3
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	10	0.17	0.177	0.24	0.14	0.001	0.031	0.141	0.15	0.2	0.236
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	7	11.	10.829	14.	7.1	4.782	2.187	**	**	**	**

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Annual Analysis for 1974 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	33	13.	13.864	25.	3.	60.52	7.779	4.	6.75	22.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	29	15.5	18.155	31.	5.	72.627	8.522	6.5	10.25	26.25	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	33	444.	1277.545	15100.	115.	7903407.381	2811.3	122.8	175.	817.5	4136.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	22	20.	33.682	200.	1.	2747.846	52.42	3.3	5.75	30.	141.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	23	240.	254.913	345.	160.	3383.628	58.169	166.2	207.	310.	332.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	23	9.	9.583	14.2	6.1	5.807	2.41	6.88	7.3	12.	12.78
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	22	3.25	3.277	5.3	1.1	1.136	1.066	1.89	2.55	4.15	4.67
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	22	13.	14.773	40.	8.	53.232	7.296	8.3	10.	16.25	25.
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	22	7.6	7.609	8.	7.2	0.056	0.237	7.23	7.4	7.8	7.97

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Annual Analysis for 1974 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	22	7.6	7.548	8.	7.2	0.06	0.245	7.23	7.4	7.8	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	22	0.025	0.028	0.063	0.01	0.	0.016	0.011	0.016	0.04	0.059
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	22	3.1	3.627	8.2	1.4	3.653	1.911	1.63	2.2	4.6	7.3
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	23	71.	71.391	106.	27.	502.431	22.415	36.8	57.	93.	98.4
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	23	87.	87.043	129.	33.	740.68	27.215	45.2	70.	113.	120.
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	18	23.5	36.778	242.	6.	2925.595	54.089	7.8	8.75	37.5	83.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	22	0.	0.091	1.	0.	0.087	0.294	0.	0.	0.	0.7
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	20	2.8	2.728	3.3	2.	0.15	0.387	2.205	2.4	3.05	3.29
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	20	0.29	0.327	0.82	0.	0.038	0.196	0.018	0.203	0.448	0.578
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	20	0.35	0.382	0.98	0.1	0.062	0.248	0.104	0.153	0.55	0.824
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	21	0.04	0.046	0.13	0.005	0.001	0.032	0.02	0.025	0.05	0.108
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	21	2.	2.038	2.5	1.4	0.081	0.285	1.62	1.9	2.25	2.4
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	21	0.67	0.662	1.1	0.23	0.055	0.235	0.278	0.47	0.83	0.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	21	2.1	2.062	2.5	1.5	0.08	0.284	1.62	1.9	2.3	2.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	21	0.32	0.309	0.61	0.13	0.017	0.13	0.14	0.185	0.415	0.438
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	22	4.35	4.909	9.3	2.2	3.774	1.943	2.76	3.375	6.35	8.35
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	5	79.	75.8	89.	63.	149.2	12.215	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	5	22.	24.2	29.	21.	12.7	3.564	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	22	28.	28.091	42.	12.	69.134	8.315	15.6	22.	35.25	38.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	22	5.85	6.991	22.	4.3	12.521	3.538	4.83	5.5	7.425	8.28
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	22	6.9	6.641	9.5	3.1	3.273	1.809	3.86	5.275	8.2	8.77
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	22	2.7	2.786	5.	1.5	0.836	0.915	1.66	1.875	3.25	4.17
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	23	12.	11.783	17.	6.	10.36	3.219	7.	9.	14.	15.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	23	18.	18.435	24.	13.	10.166	3.188	14.	16.	21.	23.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	22	1.	1.159	4.	0.5	0.676	0.822	0.5	0.5	1.25	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	22 ##	0.	0.227	1.	0.	0.184	0.429	0.	0.	0.25	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	22 ##	0.	5.	20.	0.	35.714	5.976	0.	0.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	22 ##	0.	4.091	10.	0.	25.325	5.032	0.	0.	10.	10.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	23	550.	866.957	4200.	140.	769303.953	877.1	166.	240.	1200.	1560.
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	22	4.	4.318	16.	0.	12.703	3.564	0.3	2.	5.25	9.5
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	23	110.	103.043	330.	20.	4358.498	66.019	30.	50.	140.	162.
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	22 ##	0.	0.364	5.	0.	1.195	1.093	0.	0.	0.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	22	20.	39.091	300.	0.	4303.896	65.604	0.	10.	32.5	116.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	22	330.	559.091	3500.	50.	566827.706	752.88	50.	57.5	815.	1140.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	23	660.	2300.391	15000.	0.	17499945.976	4183.294	4.	51.	2300.	11280.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	23	2.82	2.476	4.176	0.	1.463	1.21	0.4	1.708	3.362	4.031
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			298.906								
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	20	0.006	0.022	0.15	0.001	0.001	0.035	0.001	0.002	0.033	0.053
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	16	0.003	0.008	0.047	0.	0.	0.013	0.	0.002	0.007	0.034
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	20	162.	157.35	196.	99.	1000.45	31.63	111.6	128.25	186.5	194.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	3	88.	88.667	99.	79.	100.333	10.017	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	22	149.	288.941	1750.	60.9	162201.736	402.743	66.36	87.825	284.25	948.7
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	22	0.22	0.205	0.27	0.11	0.003	0.051	0.123	0.16	0.25	0.26
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	20	12.	12.14	15.	8.9	3.244	1.801	9.91	10.25	13.75	14.9

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

Annual Analysis for 1975 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	32	13.5	14.078	27.	0.	75.937	8.714	2.15	5.875	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	31	21.	17.629	33.	0.	100.299	10.015	1.7	7.	25.5	30.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	33	768.	2673.818	54400.	242.	87030508.466	9329.014	257.4	440.	1370.	3056.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	24	11.	16.417	80.	2.	342.167	18.498	2.5	4.	20.	42.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	26	240.	232.808	295.	88.	2329.362	48.263	172.5	203.75	270.	291.5
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	24	11.45	10.858	14.8	6.8	6.671	2.583	7.35	8.4	12.95	14.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	24	2.25	2.296	6.4	0.3	1.9	1.379	0.8	1.325	2.875	4.45
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	24	11.5	13.292	36.	4.	83.259	9.125	4.	6.25	16.75	30.5
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	26	7.6	7.696	9.2	7.1	0.219	0.468	7.24	7.475	7.8	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	26	7.6	7.545	9.2	7.1	0.243	0.493	7.24	7.475	7.8	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	26	0.025	0.029	0.079	0.001	0.	0.02	0.003	0.016	0.034	0.059
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	25	3.	3.056	5.6	0.1	1.653	1.286	1.02	2.5	3.8	4.9
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	25	58.	61.84	103.	34.	330.64	18.184	37.8	48.	74.	92.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	25	71.	75.4	126.	41.	498.	22.316	45.8	58.	90.5	112.4
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	24	21.5	33.958	174.	1.	1938.042	44.023	1.5	4.5	42.75	110.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	22	0.	0.045	1.	0.	0.045	0.213	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	24	2.8	2.758	3.4	2.	0.153	0.391	2.15	2.45	3.075	3.35
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	24	0.355	0.493	1.4	0.1	0.102	0.319	0.22	0.275	0.597	1.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	24	0.095	0.112	0.25	0.005	0.006	0.075	0.008	0.055	0.158	0.24
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	24	0.02	0.028	0.05	0.01	0.	0.014	0.01	0.02	0.04	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	25	2.2	2.099	2.8	0.88	0.231	0.481	1.36	1.75	2.4	2.74
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	24	0.515	0.605	1.4	0.1	0.102	0.319	0.345	0.373	0.72	1.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	25	2.2	2.099	2.8	0.88	0.231	0.481	1.36	1.75	2.4	2.74
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	25	0.16	0.172	0.35	0.08	0.005	0.07	0.1	0.11	0.215	0.282
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	22	3.7	5.1	13.	2.2	8.987	2.998	2.66	3.15	6.925	10.37
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	24	26.	27.083	40.	15.	47.732	6.909	20.	21.	32.	38.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	24	5.6	5.6	7.5	3.4	0.974	0.987	4.4	4.825	6.175	7.1
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	24	5.15	5.508	8.5	3.3	1.878	1.37	3.85	4.7	6.875	7.65
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	24	2.1	2.263	4.3	1.2	0.68	0.825	1.5	1.725	2.475	4.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	25	10.	9.96	16.	4.	7.54	2.746	5.	8.5	12.	13.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	25	17.	17.4	24.	9.	8.917	2.986	14.6	16.	19.	22.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	24 ##	0.5	0.979	3.	0.5	0.576	0.759	0.5	0.5	1.	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	24 ##	0.	0.125	1.	0.	0.114	0.338	0.	0.	0.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	24 ##	0.	4.583	10.	0.	25.906	5.09	0.	0.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	24 ##	0.	4.583	20.	0.	34.601	5.882	0.	0.	10.	10.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	25	500.	881.2	5100.	150.	1370394.333	1170.638	162.	210.	900.	2800.
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	24	4.	4.667	13.	1.	8.319	2.884	1.5	3.	6.75	8.5
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	25	50.	66.6	250.	5.	3486.917	59.05	5.	25.	80.	168.
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	24 ##	0.	0.333	2.	0.	0.406	0.637	0.	0.	0.75	1.5
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	24 ##	10.	10.	20.	0.	43.478	6.594	0.	10.	10.	20.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	24	280.	455.417	2200.	40.	266886.775	516.611	75.	110.	565.	1300.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	24	525.	2696.354	23000.	0.5	29129019.01	5397.131	6.	63.25	1925.	10500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	24	2.716	2.523	4.362	-0.301	1.408	1.187	0.521	1.781	3.283	3.996
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			333.329								
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	23	0.002	0.007	0.12	0.	0.001	0.025	0.	0.	0.004	0.01
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	23	0.	0.003	0.042	0.	0.	0.009	0.	0.	0.003	0.008
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	24	139.5	140.833	203.	97.	661.275	25.715	105.	126.	148.	182.

** - Less than 9 observations ## - Computed with 50% or 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 MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	1	57.	57.	57.	57.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	25	432.	757.76	8370.	118.	2590291.94	1609.438	152.8	211.5	596.	1051.2
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	25	0.19	0.188	0.28	0.08	0.002	0.042	0.136	0.165	0.2	0.248
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	24	12.	12.292	15.	9.	3.071	1.752	9.5	11.	13.75	15.

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

Annual Analysis for 1976 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	26	11.5	12.077	25.	0.	74.794	8.648	0.	3.75	20.625	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	24	14.	14.333	33.	-3.5	130.797	11.437	3.75	6.125	25.75	29.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	26	720.	941.	2620.	127.	512887.92	716.162	196.9	395.5	1620.	1995.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	24	11.	18.792	80.	1.	438.52	20.941	2.	4.	27.5	55.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	24	230.	236.042	345.	175.	2065.172	45.444	177.5	200.	258.75	312.5
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	22	11.3	10.559	14.6	4.8	8.827	2.971	6.11	7.675	13.5	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	24	1.95	2.721	8.6	0.8	4.346	2.085	1.05	1.2	3.25	6.85
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	24	10.5	12.875	29.	2.	56.114	7.491	4.	7.25	20.	24.5
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.6	7.708	9.1	7.2	0.159	0.399	7.3	7.425	7.875	8.15
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.6	7.592	9.1	7.2	0.173	0.416	7.3	7.425	7.875	8.15
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	24	0.025	0.026	0.063	0.001	0.	0.016	0.007	0.013	0.038	0.05
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	24	2.8	2.888	6.5	0.1	2.301	1.517	0.85	1.7	3.9	4.75
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	24	63.5	63.208	107.	37.	288.781	16.994	42.	49.5	70.	90.5
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	24	77.5	76.875	130.	45.	429.766	20.731	51.	60.5	85.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	24	27.5	38.667	194.	2.	2038.058	45.145	2.5	7.5	45.75	115.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	23	0.	0.217	2.	0.	0.269	0.518	0.	0.	0.	1.
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	24	2.75	2.679	3.4	1.9	0.144	0.38	2.1	2.425	2.975	3.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	24	0.505	0.607	1.7	0.14	0.129	0.359	0.235	0.303	0.843	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	24	0.12	0.15	0.45	0.01	0.011	0.106	0.045	0.065	0.198	0.32
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	24	0.03	0.044	0.11	0.005	0.001	0.035	0.01	0.013	0.085	0.095
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	24	1.85	1.875	2.5	1.1	0.112	0.334	1.45	1.7	2.1	2.35
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	24	0.68	0.759	1.9	0.23	0.162	0.403	0.295	0.413	1.07	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	24	1.9	1.912	2.5	1.2	0.099	0.315	1.45	1.725	2.175	2.35
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	24	0.175	0.214	0.44	0.11	0.01	0.1	0.115	0.13	0.28	0.365
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	22	5.15	5.486	11.	2.3	6.684	2.585	2.49	3.35	7.325	9.61
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	11	97.	96.	130.	58.	401.6	20.04	61.4	77.	110.	126.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	11	25.	26.273	33.	21.	15.418	3.927	21.2	23.	30.	32.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	11	30.	29.727	42.	17.	54.618	7.39	17.8	23.	35.	41.2
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	24	28.	29.125	63.	17.	84.723	9.205	20.5	24.	31.75	40.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	11	5.6	5.464	6.4	3.8	0.573	0.757	4.	4.8	6.1	6.36
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	24	5.55	6.425	25.	4.4	16.228	4.028	4.7	5.025	6.2	7.2
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	24	5.4	5.663	11.	1.1	3.597	1.897	4.05	4.55	6.525	8.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	11	6.1	7.073	12.	4.2	7.816	2.796	4.22	4.3	8.1	12.
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	11	0.3	0.309	0.5	0.2	0.013	0.114	0.2	0.2	0.4	0.5
00932p	SODIUM, PERCENT	10/14/63-02/24/83	11	12.	12.909	18.	10.	6.291	2.508	10.	11.	15.	17.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	11	3.3	2.982	3.9	1.8	0.592	0.769	1.82	2.2	3.6	3.86
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	24	2.5	2.546	3.7	1.4	0.577	0.76	1.55	1.925	3.275	3.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	24	10.	10.917	19.	7.	9.21	3.035	8.5	9.	13.25	16.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	24	18.	17.583	21.	14.	3.906	1.976	14.5	16.25	18.75	20.5
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	24	1.	1.021	3.	0.5	0.467	0.683	0.5	0.5	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	24 ##	1.	0.583	2.	0.	0.341	0.584	0.	0.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	24 ##	10.	10.417	20.	10.	4.167	2.041	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	24 ##	0.	4.125	30.	0.	48.114	6.936	0.	0.	9.75	10.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	24	495.	870.417	5300.	140.	1258082.428	1121.643	140.	250.	917.5	2250.
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	11	50.	40.	80.	5.	595.	24.393	5.	20.	50.	78.
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	24	10.	9.667	26.	2.	32.232	5.677	3.	4.25	13.75	16.5
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	24	55.	87.5	210.	20.	3750.	61.237	20.	40.	150.	170.

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Annual Analysis for 1976 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	11	30.	47.273	100.	20.	1061.818	32.586	20.	20.	80.	98.
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	24 ##	0.	0.208	1.	0.	0.172	0.415	0.	0.	0.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	24 ##	10.	15.833	80.	0.	242.754	15.581	0.	10.	20.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	24	315.	580.	4100.	50.	749052.174	865.478	70.	115.	612.5	1500.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	18	765.	3063.833	23000.	4.	36241050.971	6020.054	6.7	37.75	2375.	14900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	18	2.873	2.62	4.362	0.602	1.259	1.122	0.821	1.571	3.334	4.168
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			416.808								
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	21	0.004	0.01	0.103	0.	0.	0.022	0.	0.	0.011	0.015
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	21	0.	0.001	0.006	0.	0.	0.002	0.	0.	0.001	0.005
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	24	132.5	134.583	190.	83.	679.21	26.062	107.5	114.5	149.5	177.5
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	24	231.5	318.983	757.	65.2	45504.904	213.319	85.7	164.	518.5	687.5
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	24	0.18	0.183	0.26	0.11	0.001	0.035	0.15	0.16	0.2	0.24
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	24	12.	11.838	15.	8.5	2.922	1.709	9.3	11.	13.	14.5

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Annual Analysis for 1977 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	25	13.	13.54	27.5	0.	88.603	9.413	0.3	3.75	20.75	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	24	16.5	16.688	34.	-7.	122.409	11.064	3.	5.375	24.375	31.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	26	312.5	2275.462	19520.	87.	20843815.778	4565.503	125.9	165.	1283.75	9093.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	24	6.	19.958	120.	1.	809.085	28.444	1.5	3.	28.75	60.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	24	276.5	262.208	360.	155.	3625.389	60.211	159.	218.25	304.5	342.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	23	8.9	9.487	15.2	4.3	12.3	3.507	4.82	6.1	12.4	14.64
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	23	3.	3.326	7.	1.6	2.148	1.466	1.88	2.2	4.2	5.72
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	24	15.	15.625	33.	5.	66.158	8.134	6.5	8.25	20.	30.
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.7	7.738	8.7	7.1	0.096	0.31	7.3	7.6	7.875	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	24	7.7	7.641	8.7	7.1	0.106	0.326	7.3	7.6	7.875	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	24	0.02	0.023	0.079	0.002	0.	0.017	0.008	0.013	0.025	0.051
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	24	2.9	2.813	5.6	0.2	1.609	1.268	1.35	1.75	3.675	4.7
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	24	77.	74.208	110.	27.	669.563	25.876	34.	51.25	90.	110.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	24	94.	89.833	130.	33.	941.275	30.68	41.	62.	110.	130.
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	24	15.5	48.792	365.	1.	6487.303	80.544	2.	9.25	58.75	152.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	22	0.	1.909	20.	0.	23.991	4.898	0.	0.	1.25	9.7
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	24	3.05	3.138	4.2	2.1	0.255	0.505	2.4	2.825	3.6	3.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	24	0.685	0.65	1.4	0.2	0.09	0.3	0.24	0.398	0.867	1.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	24	0.23	0.262	0.71	0.08	0.024	0.155	0.095	0.14	0.325	0.51
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	24	0.045	0.065	0.16	0.01	0.002	0.05	0.02	0.02	0.118	0.145
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	24	2.	2.167	3.2	1.2	0.312	0.558	1.5	1.725	2.55	3.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	24	0.855	0.912	1.5	0.45	0.121	0.348	0.465	0.597	1.2	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	24	2.15	2.221	3.2	1.3	0.303	0.55	1.5	1.75	2.575	3.15
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	24	0.285	0.34	0.77	0.1	0.035	0.188	0.13	0.193	0.438	0.65
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	23	6.9	6.917	14.	1.4	7.652	2.766	3.2	5.3	8.1	10.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	24	110.	104.125	140.	50.	803.418	28.345	52.5	86.5	120.	140.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	24	30.	29.458	41.	16.	42.172	6.494	18.	25.	35.	37.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	24	34.5	31.583	45.	14.	87.558	9.357	15.	26.	37.75	43.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	24	31.5	29.875	50.	13.	85.853	9.266	15.	23.25	35.	41.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	24	6.25	5.904	7.3	3.6	1.164	1.079	3.65	5.45	6.575	7.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	24	6.05	7.1	28.	4.3	22.497	4.743	4.65	5.4	6.675	10.1
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	24	7.7	8.088	15.	3.6	8.475	2.911	4.25	5.875	10.	13.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	24	8.3	8.638	16.	4.	10.574	3.252	4.4	6.075	11.	14.
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	24	0.3	0.363	0.6	0.2	0.009	0.092	0.3	0.3	0.4	0.5
00932p	SODIUM, PERCENT	10/14/63-02/24/83	24	14.	14.667	20.	12.	4.145	2.036	12.	13.	15.75	18.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	24	3.1	3.35	5.8	1.9	1.323	1.15	2.	2.3	4.425	4.8
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	24	3.	3.146	5.1	1.7	1.248	1.117	1.8	2.025	4.075	4.75

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Annual Analysis for 1977 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	24	14.5	15.	26.	7.	29.391	5.421	7.5	10.25	18.	23.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	24	18.	18.333	25.	14.	10.406	3.226	14.5	16.	20.75	23.5
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	24	1.	1.125	4.	0.5	0.788	0.888	0.5	0.5	1.	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	24 ##	0.	0.083	1.	0.	0.08	0.282	0.	0.	0.	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	24 ##	10.	12.917	30.	10.	38.949	6.241	10.	10.	10.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	24	5.	5.75	15.	0.	9.065	3.011	3.	4.	7.75	9.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	24	950.	1370.	9500.	70.	3962200.	1990.528	95.	237.5	1425.	3500.
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	24	40.	45.	100.	20.	460.87	21.468	20.	30.	57.5	85.
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	24	10.5	11.375	36.	3.	49.027	7.002	4.	7.	14.	19.5
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	24	105.	110.625	300.	5.	5678.94	75.359	30.	40.	170.	185.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	24	40.	48.75	130.	5.	1174.457	34.27	12.5	22.5	77.5	105.
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	24 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	24 ##	10.	15.417	50.	0.	208.514	14.44	0.	10.	20.	40.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	24	460.	842.083	6300.	30.	1808895.471	1344.952	45.	162.5	937.5	2350.
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	15	0.003	0.005	0.025	0.001	0.	0.006	0.001	0.002	0.005	0.016
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	15	0.	0.001	0.005	0.	0.	0.001	0.	0.	0.001	0.003
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	24	152.	159.208	232.	85.	1688.172	41.087	100.	135.75	186.25	223.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	24	114.	422.217	2730.	52.9	559935.531	748.288	66.8	85.8	311.	2035.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	24	0.205	0.217	0.32	0.12	0.003	0.056	0.14	0.183	0.25	0.305
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	24	13.5	13.825	18.	9.2	4.638	2.154	10.8	12.25	16.	16.

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Annual Analysis for 1978 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	25	13.	12.38	28.	1.	85.027	9.221	1.	2.5	21.25	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	24	15.5	13.938	31.5	-2.	99.094	9.955	0.5	-1.625	22.	25.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	25	476.	1771.4	14500.	122.	15076422.833	3882.837	135.4	226.	1047.	7794.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	24	6.5	20.417	250.	2.	2553.036	50.528	2.	3.25	13.75	45.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	24	257.5	263.042	355.	140.	3996.389	63.217	180.	217.5	320.	352.5
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	23	10.4	9.93	14.	5.8	6.997	2.645	6.08	7.5	12.5	13.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	23	2.8	3.17	8.7	0.5	4.893	2.212	1.08	1.4	4.2	7.
00335	COD, .025N K2CR2O7 MG/L	03/13/73-10/25/78	21	15.	16.048	55.	4.	121.648	11.029	6.	8.5	20.	27.8
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	22	7.6	7.677	8.4	6.8	0.197	0.444	7.13	7.375	8.1	8.37
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	22	7.6	7.477	8.4	6.8	0.239	0.489	7.13	7.375	8.1	8.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	22	0.025	0.033	0.158	0.004	0.001	0.035	0.004	0.008	0.042	0.075
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	8	4.95	4.538	7.1	1.4	2.923	1.71	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	9	57.	56.667	90.	23.	551.5	23.484	23.	35.5	79.	90.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	9	69.	69.111	110.	28.	823.611	28.699	28.	43.5	96.5	110.
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	24	13.	36.	425.	0.	7137.304	84.483	4.5	8.25	30.	61.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/74-11/29/78	23	0.	0.696	11.	0.	5.221	2.285	0.	0.	1.	1.
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	23	2.9	2.991	3.9	1.4	0.421	0.649	2.28	2.6	3.6	3.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	23	0.54	0.595	1.7	0.	0.121	0.348	0.194	0.44	0.65	1.12
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	24	0.195	0.248	0.61	0.04	0.028	0.168	0.085	0.13	0.405	0.53
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	24	0.04	0.048	0.12	0.01	0.001	0.033	0.01	0.02	0.078	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	24	2.	2.044	3.4	0.48	0.568	0.754	0.935	1.625	2.3	3.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	23	0.76	0.851	2.3	0.33	0.179	0.423	0.456	0.57	1.	1.42
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	24	2.05	2.074	3.4	0.5	0.559	0.748	0.99	1.65	2.375	3.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	24	0.195	0.251	0.56	0.07	0.025	0.157	0.1	0.113	0.395	0.5
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	23	5.9	6.787	15.	3.	11.124	3.335	3.64	4.1	8.1	13.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	24	100.	99.75	140.	39.	696.196	26.386	64.	81.25	120.	140.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	12	34.5	54.75	140.	16.	2015.841	44.898	17.5	32.25	84.25	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	24	31.	30.625	43.	11.	71.984	8.484	18.5	24.25	38.75	42.5
00916	CALCIUM, TOTAL (MG/L AS CA)	02/27/74-11/29/78	6	23.	22.5	32.	10.	55.1	7.423	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	24	5.6	5.758	8.2	2.7	1.713	1.309	4.3	4.8	6.825	7.6

** - 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 1978 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/27/74-11/29/78	6	5.35	5.5	6.6	4.7	0.548	0.74	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/27/74-11/29/78	7	6.8	8.3	14.	4.	13.577	3.685	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	24	8.35	8.7	15.	4.7	7.983	2.826	5.35	6.325	11.75	12.5
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	24	0.3	0.379	0.8	0.3	0.014	0.118	0.3	0.3	0.4	0.5
00932p	SODIUM, PERCENT	10/14/63-02/24/83	24	15.	15.5	30.	12.	13.478	3.671	12.	13.	17.	18.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	24	2.8	2.867	4.8	1.7	0.753	0.868	1.8	2.05	3.675	4.
00937	POTASSIUM, TOTAL MG/L AS K)	02/27/74-11/29/78	6	2.4	2.433	3.3	1.6	0.579	0.761	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	9	15.	15.778	26.	9.	39.444	6.28	9.	10.5	22.	26.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	9	17.	17.556	22.	13.	6.028	2.455	13.	16.5	19.	22.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	20	4.6	5.075	8.8	1.2	4.5	2.121	2.7	3.7	7.425	7.88
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	13	1.	1.038	3.	0.5	0.519	0.721	0.5	0.5	1.	2.6
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	23	2.	2.304	5.	0.	2.949	1.717	0.4	1.	4.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	23 ##	10.	11.304	20.	10.	11.858	3.444	10.	10.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	23	4.	4.609	18.	0.	14.976	3.87	0.8	3.	5.	10.6
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	23	460.	1234.783	15000.	160.	9216162.451	3035.813	198.	240.	1100.	1500.
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	8	30.	75.	360.	20.	13371.429	115.635	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	23	20.	20.391	46.	4.	144.885	12.037	5.	12.	30.	35.6
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	23	60.	93.478	490.	20.	9350.988	96.701	34.	50.	90.	188.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	9	30.	35.556	60.	20.	252.778	15.899	20.	20.	50.	60.
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	23 ##	0.	0.783	5.	0.	1.723	1.313	0.	0.	1.	3.
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	19 ##	10.	15.789	40.	0.	92.398	9.612	10.	10.	20.	30.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	23	230.	726.087	10000.	20.	4149188.538	2036.956	58.	140.	530.	878.
32230	CHLOROPHYLL A (MG/L)	02/27/74-09/27/78	19	0.006	0.01	0.052	0.001	0.	0.014	0.001	0.001	0.012	0.044
32231	CHLOROPHYLL B (MG/L)	04/24/74-09/27/78	19	0.001	0.001	0.005	0.	0.	0.001	0.	0.	0.001	0.003
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	24	151.5	147.833	203.	77.	1346.145	36.69	85.	123.75	175.	199.5
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	5	137.	124.8	167.	62.	1741.7	41.734	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	24	184.	338.613	3020.	64.9	358224.688	598.519	70.95	101.55	276.	707.5
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	24	0.21	0.201	0.28	0.1	0.002	0.05	0.12	0.165	0.24	0.27
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	23	13.	13.339	17.	6.2	8.234	2.87	10.16	12.	16.	17.

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Annual Analysis for 1979 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	5	2.	2.	4.	0.5	1.875	1.369	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	4	-3.25	-2.875	1.	-6.	11.729	3.425	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	6	3595.	10565.333	30300.	628.	176567029.867	13287.853	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	4	4.5	18.	60.	3.	786.	28.036	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	245.	240.	295.	175.	2850.	53.385	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	4	12.8	12.625	13.2	11.7	0.416	0.645	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	4	1.6	1.85	2.9	1.3	0.51	0.714	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.4	7.425	7.6	7.3	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.4	7.412	7.6	7.3	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.04	0.039	0.05	0.025	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	4	19.5	41.5	123.	4.	3043.	55.163	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	4	3.5	3.525	4.	3.1	0.163	0.403	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/27/74-02/14/79	4	0.565	0.528	0.87	0.11	0.156	0.395	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	4	0.155	0.17	0.24	0.13	0.002	0.05	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-02/14/79	4	2.8	2.825	3.4	2.3	0.209	0.457	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	4	0.705	0.698	1.1	0.28	0.17	0.413	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	4	2.8	2.825	3.4	2.3	0.209	0.457	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	4	0.145	0.173	0.29	0.11	0.007	0.081	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	4	5.1	5.275	8.6	2.3	11.163	3.341	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	4	85.	81.5	100.	56.	451.667	21.252	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	25.	24.	30.	16.	44.667	6.683	**	**	**	**

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Annual Analysis for 1979 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	5.25	5.3	6.7	4.	1.353	1.163	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	6.95	7.725	13.	4.	14.303	3.782	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	4	0.35	0.375	0.6	0.2	0.029	0.171	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	4	15.	16.25	22.	13.	18.25	4.272	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	2.25	2.45	3.5	1.8	0.55	0.742	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	8.25	8.15	9.	7.1	0.617	0.785	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/74-02/14/79	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/73-02/14/79	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/14/73-02/14/79	4 ##	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	4	245.	1177.5	4100.	120.	3803225.	1950.186	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/14/73-02/14/79	4	4.5	4.75	10.	0.	20.917	4.573	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	4	30.	70.	190.	30.	6400.	80.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/27/74-02/14/79	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/73-02/14/79	4 ##	15.	17.5	30.	10.	91.667	9.574	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/73-02/14/79	4	140.	507.5	1700.	50.	638091.667	798.806	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	4	132.5	130.25	153.	103.	583.583	24.157	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	4	424.	659.75	1540.	251.	358234.917	598.527	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	4	0.18	0.178	0.21	0.14	0.001	0.033	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	4	15.5	15.75	18.	14.	2.917	1.708	**	**	**	**

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Annual Analysis for 1980 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	1	530.	530.	530.	530.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	1	165.	165.	165.	165.	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	1	152.	152.	152.	152.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	1	165.	165.	165.	165.	0.	0.	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	1	0.22	0.22	0.22	0.22	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 1981 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	4	16.25	14.525	23.	2.6	82.703	9.094	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	3	15.	17.5	29.	8.5	109.75	10.476	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	5	196.	3325.	15800.	109.	48643341.	6974.478	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	4	7.5	7.75	14.	2.	28.25	5.315	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	310.	320.5	410.	252.	4374.333	66.139	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	3	6.5	8.367	12.2	6.4	11.023	3.32	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.75	7.825	8.6	7.2	0.349	0.591	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.725	7.588	8.6	7.2	0.424	0.651	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.019	0.026	0.063	0.003	0.001	0.027	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	4	2.15	2.1	2.9	1.2	0.62	0.787	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	4	0.365	0.408	0.68	0.22	0.038	0.194	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	4	120.	122.5	150.	100.	425.	20.616	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	36.5	37.75	46.	32.	34.917	5.909	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	6.15	6.325	7.5	5.5	0.909	0.954	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	13.	12.55	18.	6.2	26.143	5.113	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	4	0.5	0.5	0.7	0.3	0.033	0.183	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	4	19.	17.5	21.	11.	22.333	4.726	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	3.45	3.475	4.2	2.8	0.369	0.608	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	4	22.	21.25	26.	15.	23.583	4.856	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	4	19.5	19.5	25.	14.	21.667	4.655	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	4	0.1	0.113	0.2	0.05	0.004	0.063	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	2.7	3.6	7.6	1.4	7.727	2.78	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	4	870.	807.5	1300.	190.	218625.	467.574	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	4	22.5	22.5	40.	5.	208.333	14.434	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	4	100.	107.5	170.	60.	2158.333	46.458	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	4	45.	51.5	86.	30.	595.667	24.406	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	4	186.5	187.75	211.	167.	326.25	18.062	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	4	159.5	161.25	198.	128.	824.917	28.721	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	4	86.2	100.875	169.	62.1	2309.669	48.059	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	4	0.255	0.258	0.29	0.23	0.001	0.025	**	**	**	**

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Annual Analysis for 1982 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	4	12.	12.3	21.1	4.1	56.453	7.514	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	3	12.5	15.333	22.	11.5	33.583	5.795	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	4	634.	610.75	993.	182.	179893.583	424.139	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	3	7.	6.333	8.	4.	4.333	2.082	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	260.	248.25	316.	157.	5464.25	73.921	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	2	8.85	8.85	10.7	7.	6.845	2.616	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.6	7.675	8.	7.5	0.049	0.222	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.6	7.639	8.	7.5	0.051	0.226	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.025	0.023	0.032	0.01	0.	0.009	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	3	2.3	2.167	2.4	1.8	0.103	0.321	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	3	0.15	0.14	0.17	0.1	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	2	2.8	2.8	4.	1.6	2.88	1.697	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	4	78.	85.	130.	54.	1028.	32.062	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	27.	29.5	42.	22.	91.667	9.574	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	6.1	6.275	7.3	5.6	0.689	0.83	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	9.65	10.425	15.	7.4	11.643	3.412	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	4	0.5	0.575	0.9	0.4	0.056	0.236	**	**	**	**

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Annual Analysis for 1982 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932p	SODIUM, PERCENT	10/14/63-02/24/83	4	18.5	22.	34.	17.	64.667	8.042	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	2.5	2.625	3.6	1.9	0.609	0.78	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	4	16.	17.5	26.	12.	38.333	6.191	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	4	18.5	19.5	23.	18.	5.667	2.38	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	4	0.1	0.087	0.1	0.05	0.001	0.025	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	4.8	4.775	6.	3.5	1.049	1.024	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	3	480.	510.	780.	270.	65700.	256.32	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	4	40.	43.	71.	21.	471.333	21.71	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	3	60.	70.	110.	40.	1300.	36.056	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	4	27.	28.5	44.	16.	134.333	11.59	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	4	161.	159.5	193.	123.	1419.667	37.678	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	4	108.	125.25	179.	106.	1287.583	35.883	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	4	212.4	211.7	338.	84.	19973.16	141.326	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	4	0.175	0.195	0.26	0.17	0.002	0.044	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	1	13.	13.	13.	13.	0.	0.	**	**	**	**

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Annual Analysis for 1983 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	4	14.	14.425	27.8	1.9	178.709	13.368	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	4	16.75	16.75	30.	3.5	187.083	13.678	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	4	339.5	1193.25	3880.	214.	3219918.25	1794.413	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	2	13.5	13.5	17.	10.	24.5	4.95	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	276.	279.25	345.	220.	2940.917	54.23	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	4	10.	9.975	13.6	6.3	14.109	3.756	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.65	7.95	9.2	7.3	0.723	0.85	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.647	7.621	9.2	7.3	0.868	0.932	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.023	0.024	0.05	0.001	0.	0.02	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	2	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	2	102.5	102.5	130.	75.	1512.5	38.891	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	2	2.65	2.65	2.8	2.5	0.045	0.212	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	2	0.205	0.205	0.25	0.16	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	2	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	2	54.	54.	54.	54.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	2	26.	26.	26.	26.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	4	35.	34.	45.	21.	140.	11.832	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	4	6.5	6.525	7.4	5.7	0.589	0.768	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	4	10.6	10.	12.	6.8	6.293	2.509	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	10/14/63-02/24/83	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	4	3.2	3.225	3.4	3.1	0.016	0.126	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	4	21.5	20.25	23.	15.	12.917	3.594	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	4	20.5	20.75	24.	18.	6.25	2.5	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	4	0.15	0.138	0.2	0.05	0.006	0.075	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	4	5.35	5.45	7.3	3.8	2.43	1.559	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	2	425.	425.	590.	260.	54450.	233.345	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	4	22.	30.75	72.	7.	838.917	28.964	**	**	**	**
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	2	50.	50.	60.	40.	200.	14.142	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	4	14.5	16.75	27.	11.	49.583	7.042	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	4	166.5	169.75	216.	130.	1908.25	43.684	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	2	110.	110.	110.	110.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	2	84.	84.	84.	84.	0.	0.	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	2	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	2	9.5	9.5	16.	3.	84.5	9.192	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	2	13915.	13915.	26300.	1530.	306776450.	17515.035	**	**	**	**

** - 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

Annual Analysis for 1987 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	2	16695.	16695.	22710.	10680.	72360450.	8506.495	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	1	12560.	12560.	12560.	12560.	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 1990 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	4	17.25	17.25	20.	14.5	5.417	2.327	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	2	15.5	15.5	16.5	14.5	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	4	9395.	9192.5	10200.	7780.	1168758.333	1081.091	**	**	**	**

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

Annual Analysis for 1991 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	3	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	3	5070.	4013.667	6863.	108.	12244386.333	3499.198	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**

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Annual Analysis for 1992 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	3	5.	7.667	13.	5.	21.333	4.619	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	5	11100.	12760.	19400.	9900.	15598000.	3949.43	**	**	**	**

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Annual Analysis for 1993 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	9	18.	18.222	27.	8.	44.569	6.676	8.	12.5	24.75	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	9	20.	21.167	34.	9.	79.25	8.902	9.	12.25	28.5	34.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	6	896.5	1051.	2120.	134.	651640.	807.242	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	8	270.	269.125	420.	115.	8039.268	89.662	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	9	8.8	8.389	10.6	5.3	3.039	1.743	5.3	7.05	9.9	10.6
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	9	7.7	7.567	8.1	6.8	0.18	0.424	6.8	7.25	7.95	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	9	7.7	7.372	8.1	6.8	0.223	0.472	6.8	7.25	7.95	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	9	0.02	0.042	0.158	0.008	0.002	0.048	0.008	0.011	0.057	0.158
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	9	0.4	0.611	1.3	0.3	0.131	0.362	0.3	0.3	0.9	1.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	9	0.28	0.266	0.52	0.06	0.024	0.154	0.06	0.13	0.39	0.52
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	9	33.	31.556	49.	13.	101.528	10.076	13.	26.	37.	49.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	9	6.2	6.322	8.5	3.4	2.434	1.56	3.4	5.45	7.75	8.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	9	8.3	9.633	19.	3.3	20.21	4.496	3.3	7.35	12.5	19.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	9	3.9	4.067	6.3	2.	2.023	1.422	2.	2.85	5.05	6.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	9	17.	17.556	31.	7.	44.028	6.635	7.	13.5	20.5	31.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	9	18.	18.333	23.	12.	14.5	3.808	12.	15.5	22.5	23.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	9	0.1	0.128	0.2	0.05	0.003	0.057	0.05	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	9	6.1	6.433	9.4	4.2	2.185	1.478	4.2	5.8	7.2	9.4
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	9	30.	53.833	210.	1.5	4422.375	66.501	1.5	16.5	79.5	210.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	9	13.	15.778	32.	3.	100.694	10.035	3.	7.5	24.	32.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	9	171.	169.111	247.	92.	2086.361	45.677	92.	140.	198.	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 1994 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	11	12.	12.882	27.	0.5	88.664	9.416	0.6	4.5	23.	26.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	11	15.	15.091	33.5	-4.	121.791	11.036	-2.	11.	23.5	31.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	6	185.	232.333	395.	136.	9847.067	99.232	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	11	315.	288.545	397.	148.	6645.273	81.519	150.8	240.	364.	390.8
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	11	11.2	11.536	14.8	9.1	3.541	1.882	9.14	9.4	12.7	14.64
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	11	7.7	7.87	8.9	7.	0.426	0.653	7.06	7.3	8.7	8.86
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	11	7.7	7.546	8.9	7.	0.542	0.736	7.06	7.3	8.7	8.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	11	0.02	0.028	0.1	0.001	0.001	0.03	0.001	0.002	0.05	0.09
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	9	0.4	0.711	1.7	0.3	0.324	0.569	0.3	0.3	1.25	1.7
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	9	0.23	0.207	0.36	0.07	0.013	0.114	0.07	0.095	0.32	0.36
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	10	38.5	34.	46.	15.	113.778	10.667	15.4	25.	42.	45.9
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	10	7.	6.61	8.1	3.9	1.961	1.4	3.97	5.8	7.725	8.07
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	10	14.	13.99	25.	5.4	35.503	5.958	5.52	9.075	18.	24.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	10	3.25	3.3	4.6	2.2	0.949	0.974	2.2	2.275	4.225	4.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	10	27.	26.6	53.	9.	158.933	12.607	9.2	16.25	33.25	51.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	10	18.	17.7	21.	12.	9.344	3.057	12.3	15.	21.	21.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	10	5.15	5.01	7.9	1.7	4.472	2.115	1.8	3.075	6.85	7.87
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	10	26.5	44.8	130.	7.	1499.289	38.721	8.3	23.	65.75	126.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	10	15.5	15.4	30.	3.	89.156	9.442	3.1	6.25	21.5	29.9
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	10	204.5	182.2	232.	87.	2759.289	52.529	88.6	142.75	222.75	231.9

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

Annual Analysis for 1995 - Station MONO0034

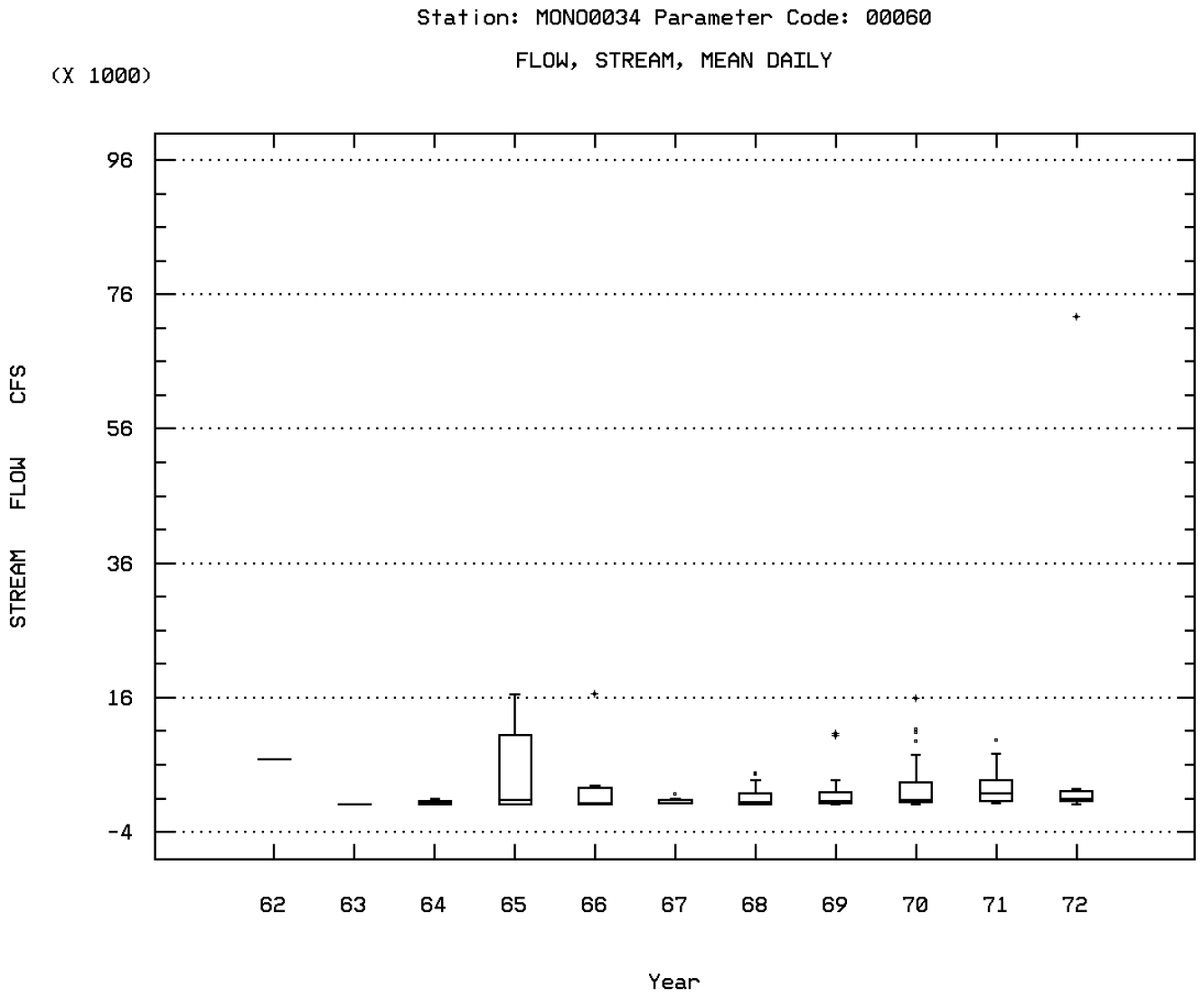
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	4	22.6	22.6	26.2	19.	17.28	4.157	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	4	27.	27.	31.	23.	21.333	4.619	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	4	128.	128.	156.	100.	1045.333	32.332	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	4	318.	318.	342.	294.	768.	27.713	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	4	7.15	7.15	7.6	6.7	0.27	0.52	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.6	7.6	7.7	7.5	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	4	7.589	7.589	7.7	7.5	0.014	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	4	0.026	0.026	0.032	0.02	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 1996 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	3	21.	21.033	21.9	20.2	0.723	0.85	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	3	28.	29.667	35.	26.	22.333	4.726	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	3	142.	137.	157.	112.	525.	22.913	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	3	6.4	6.167	6.5	5.6	0.243	0.493	**	**	**	**
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	3	6.6	6.733	7.	6.6	0.053	0.231	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	3	6.6	6.697	7.	6.6	0.055	0.235	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	3	0.251	0.201	0.251	0.1	0.008	0.087	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	3	1.7	1.767	2.3	1.3	0.253	0.503	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	3	0.48	0.537	0.81	0.32	0.062	0.25	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	3	13.	13.333	16.	11.	6.333	2.517	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	3	3.1	3.167	3.9	2.5	0.493	0.702	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	3	3.5	3.633	4.4	3.	0.503	0.709	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	3	4.4	4.4	4.5	4.3	0.01	0.1	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	3	6.	6.667	8.	6.	1.333	1.155	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	3	10.	9.667	11.	8.	2.333	1.528	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	3	6.9	6.333	7.8	4.3	3.303	1.818	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	3	110.	160.333	290.	81.	12820.333	113.227	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	3	12.	11.	17.	4.	43.	6.557	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	3	88.	89.667	102.	79.	134.333	11.59	**	**	**	**

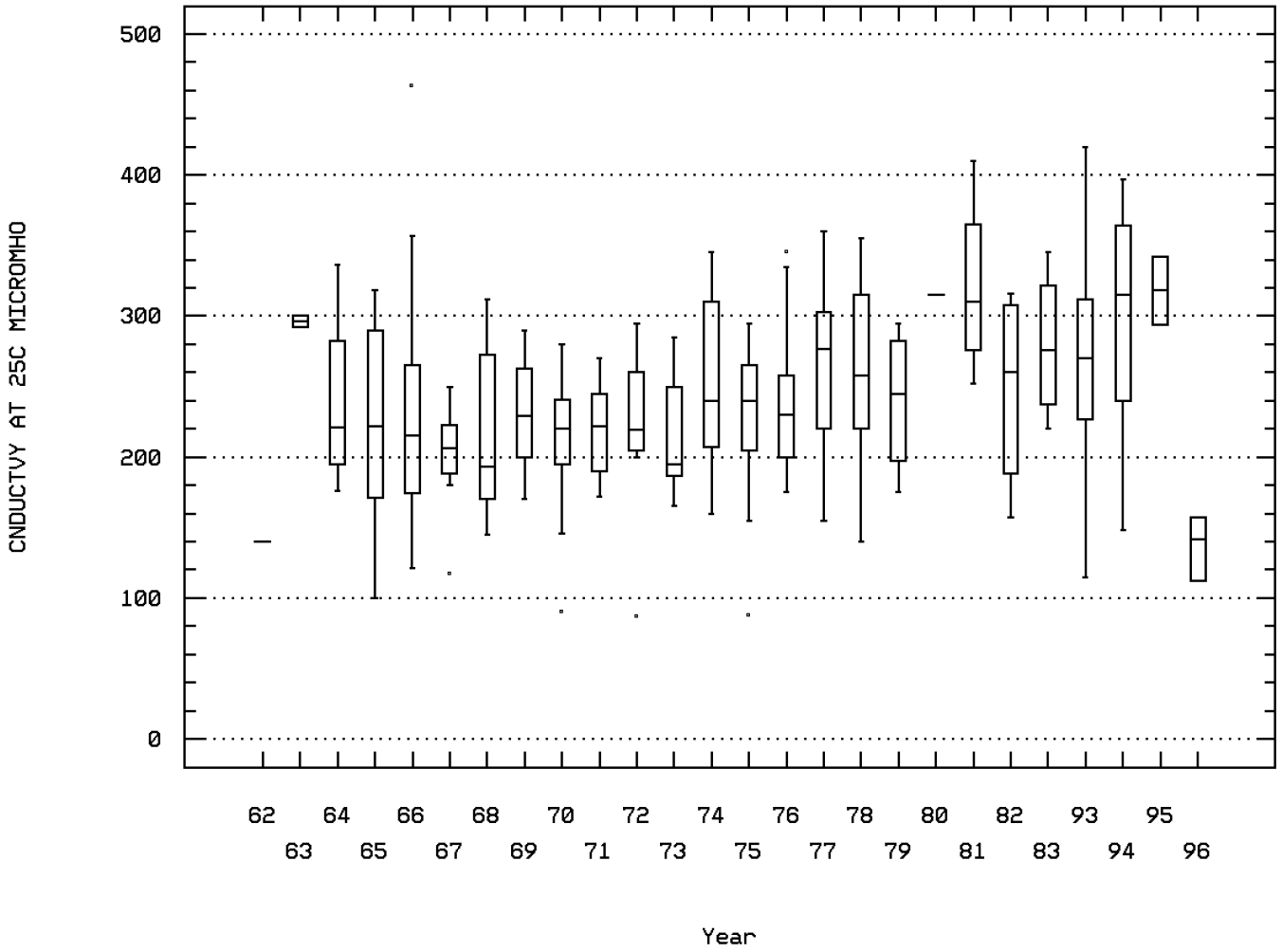
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00095

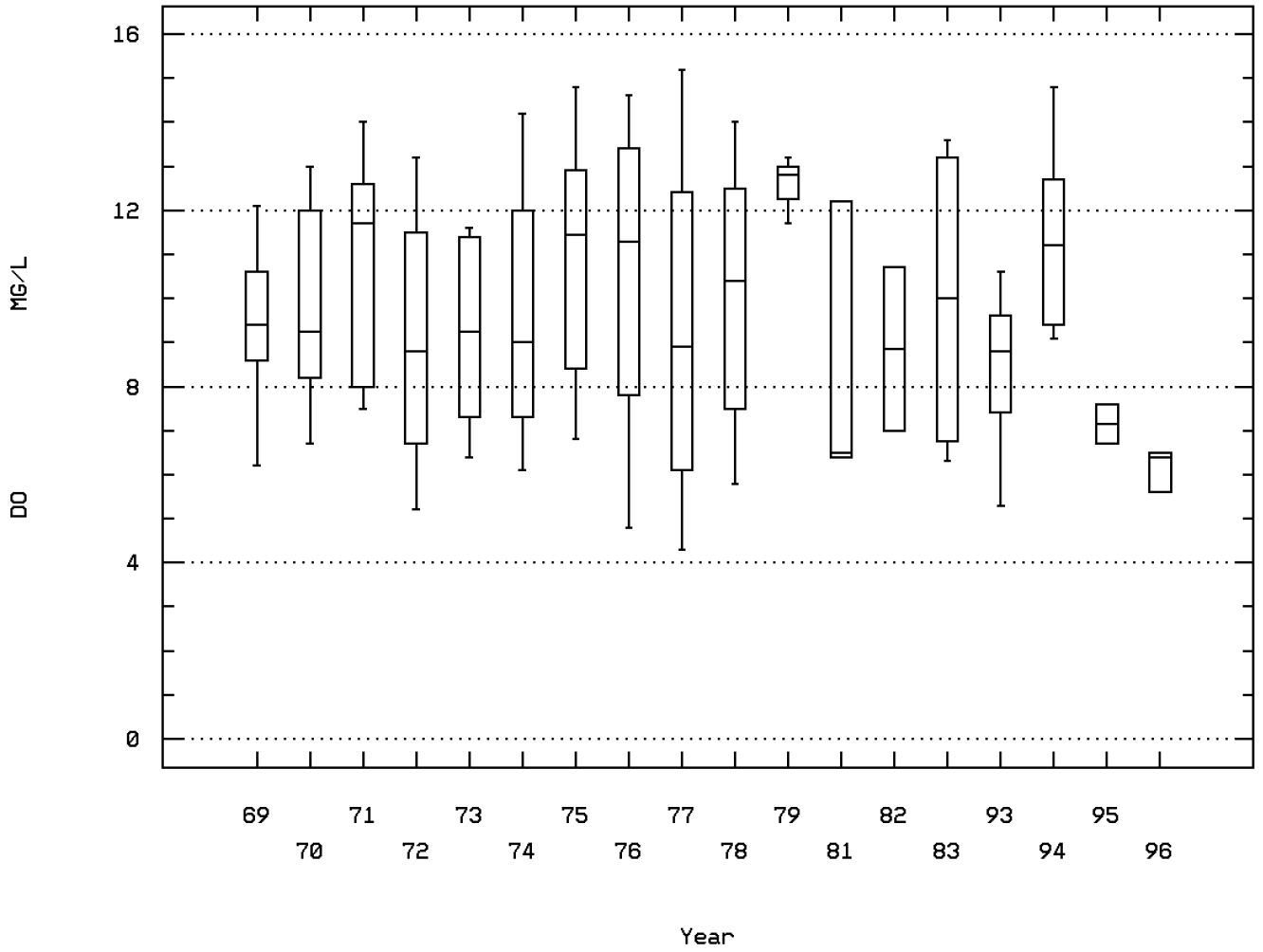
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



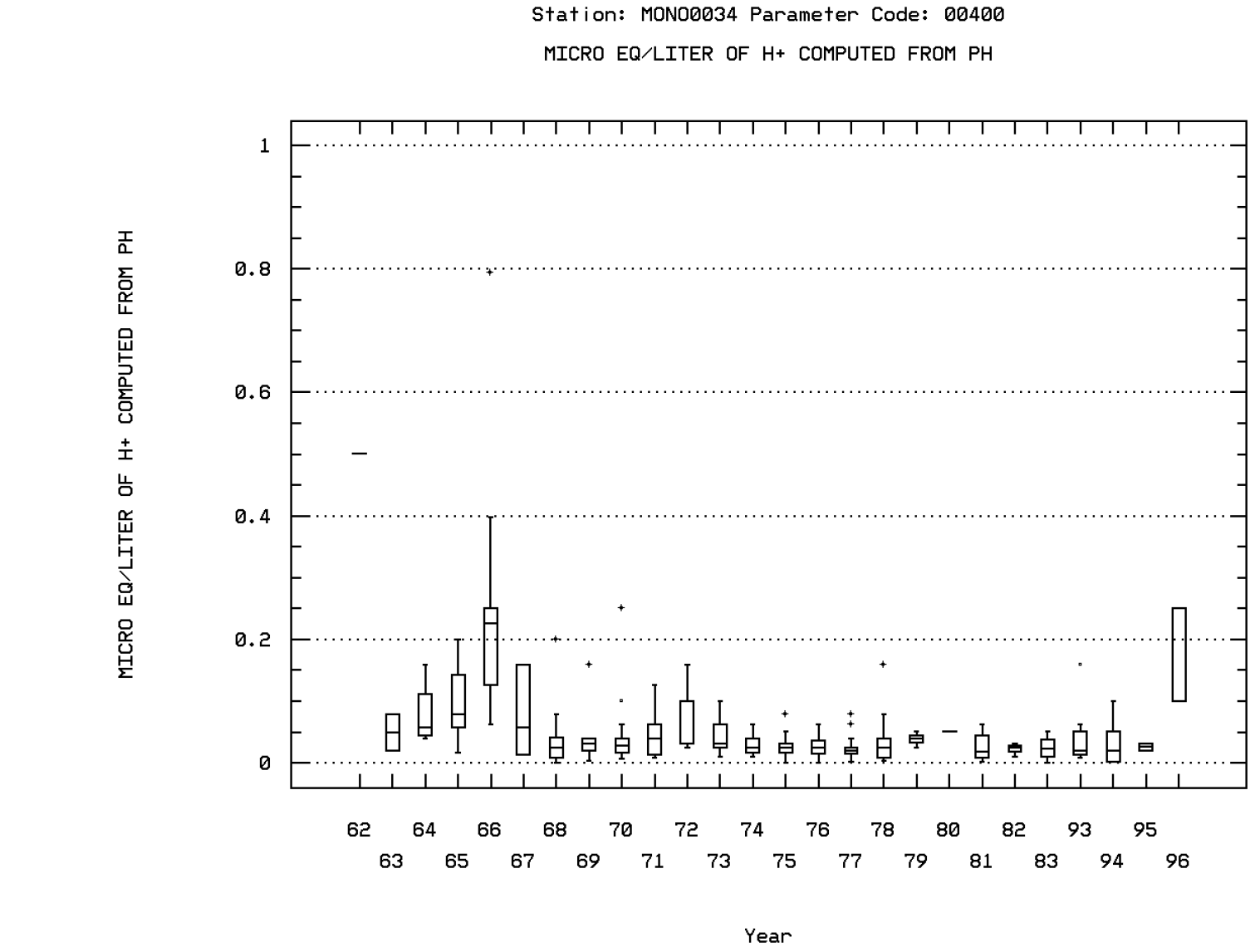
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00300

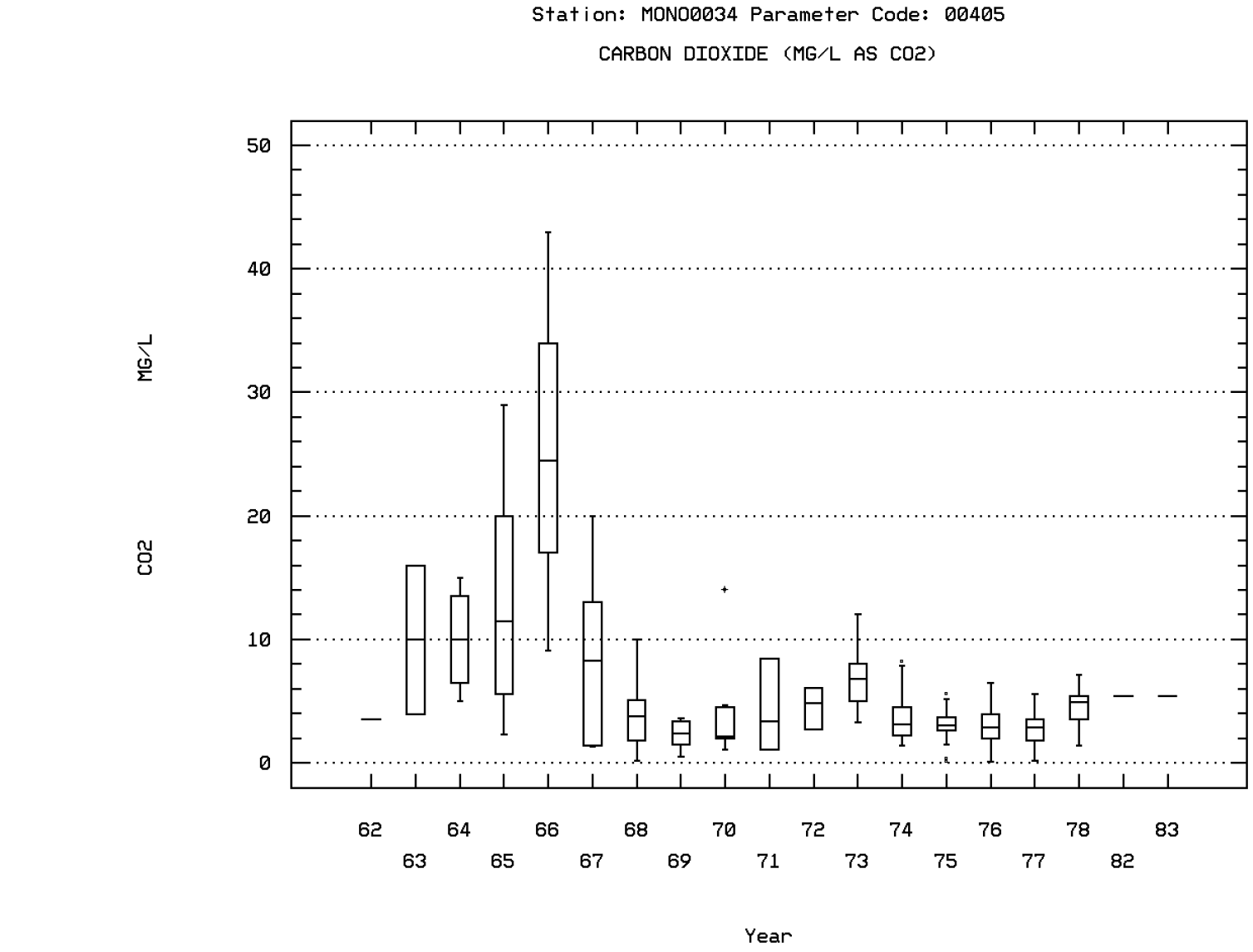
OXYGEN, DISSOLVED



MONOCACY R AT REICHS FORD BRIDGE NR FRE



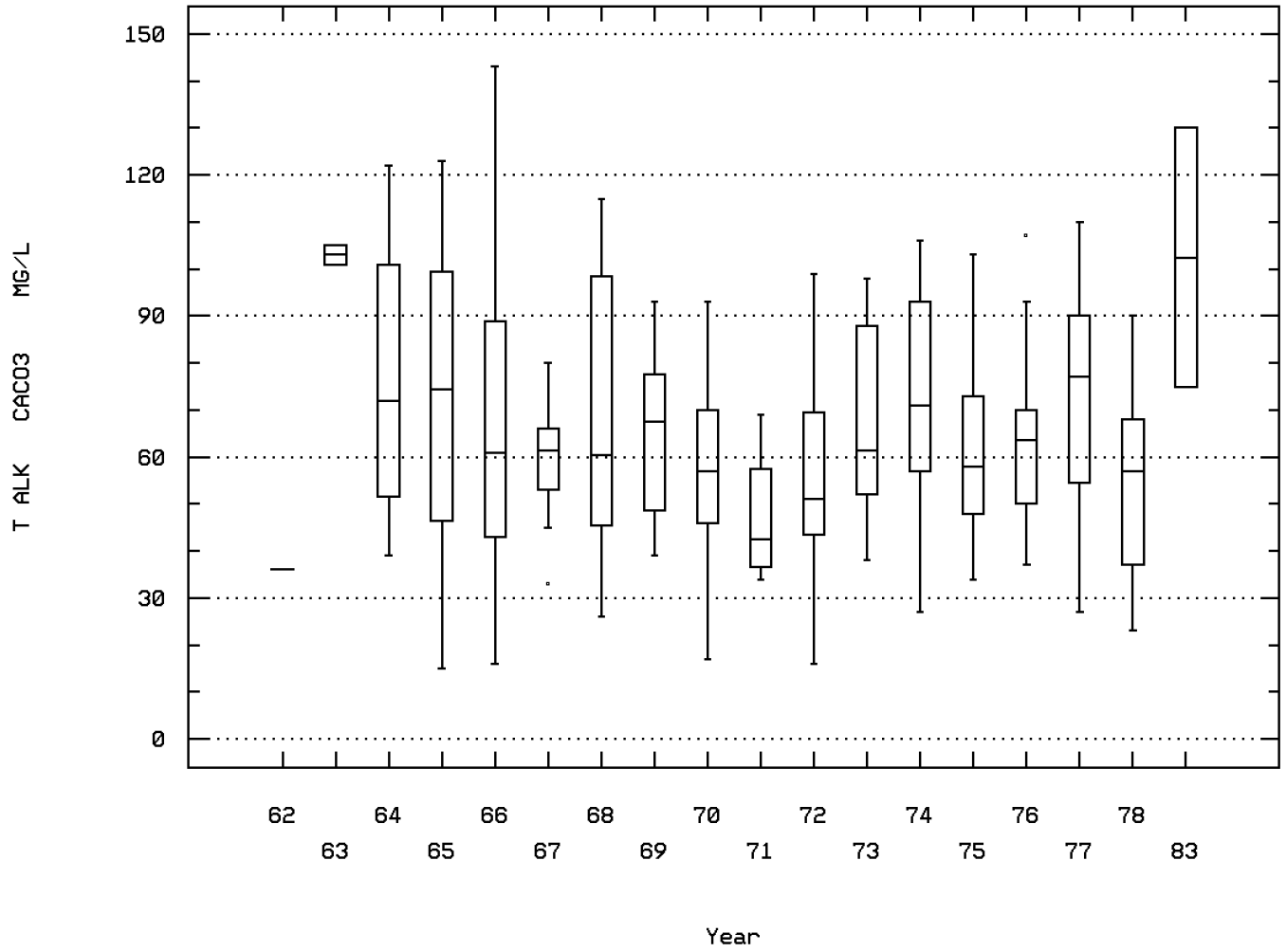
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00410

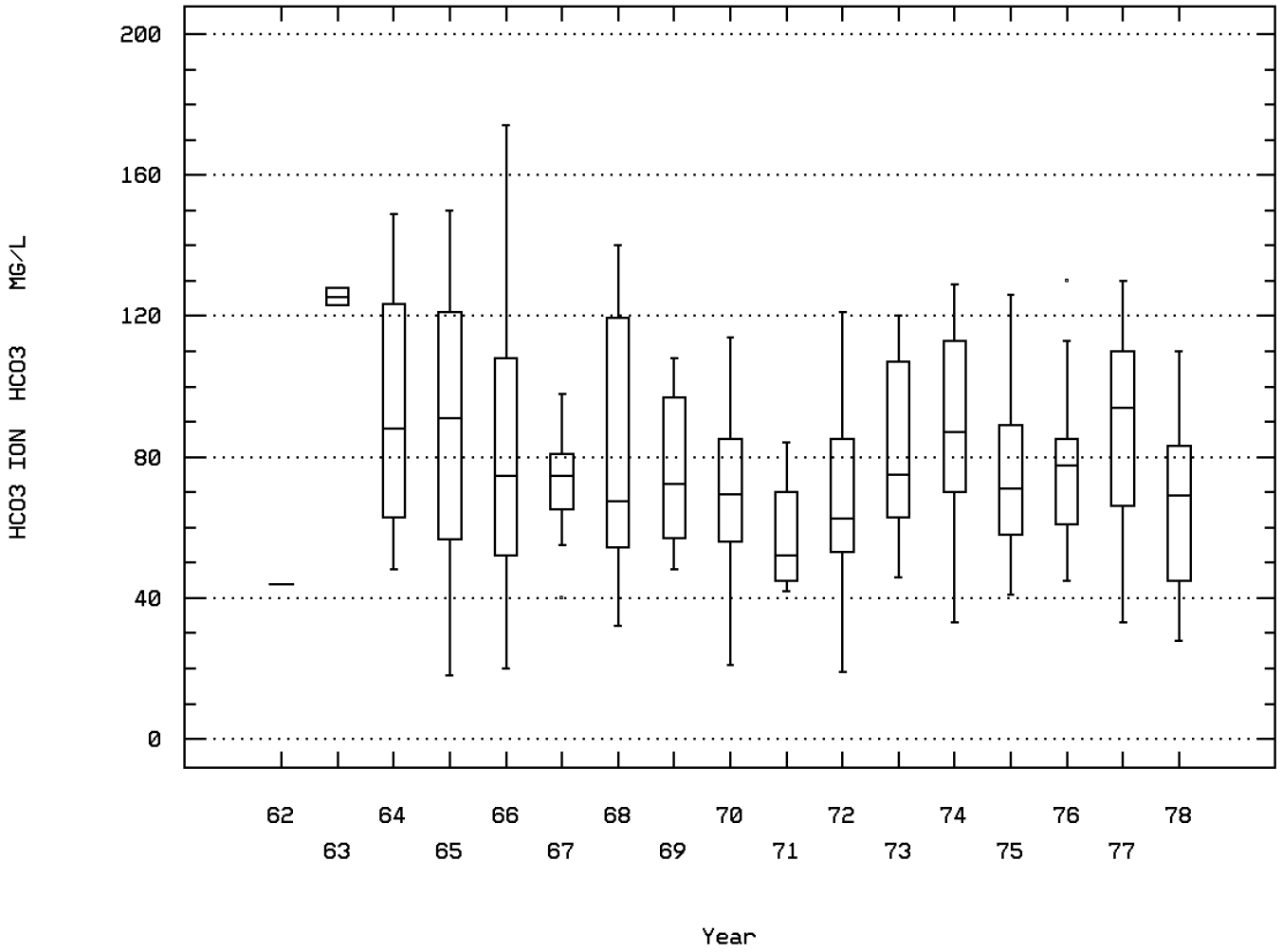
ALKALINITY, TOTAL (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00440

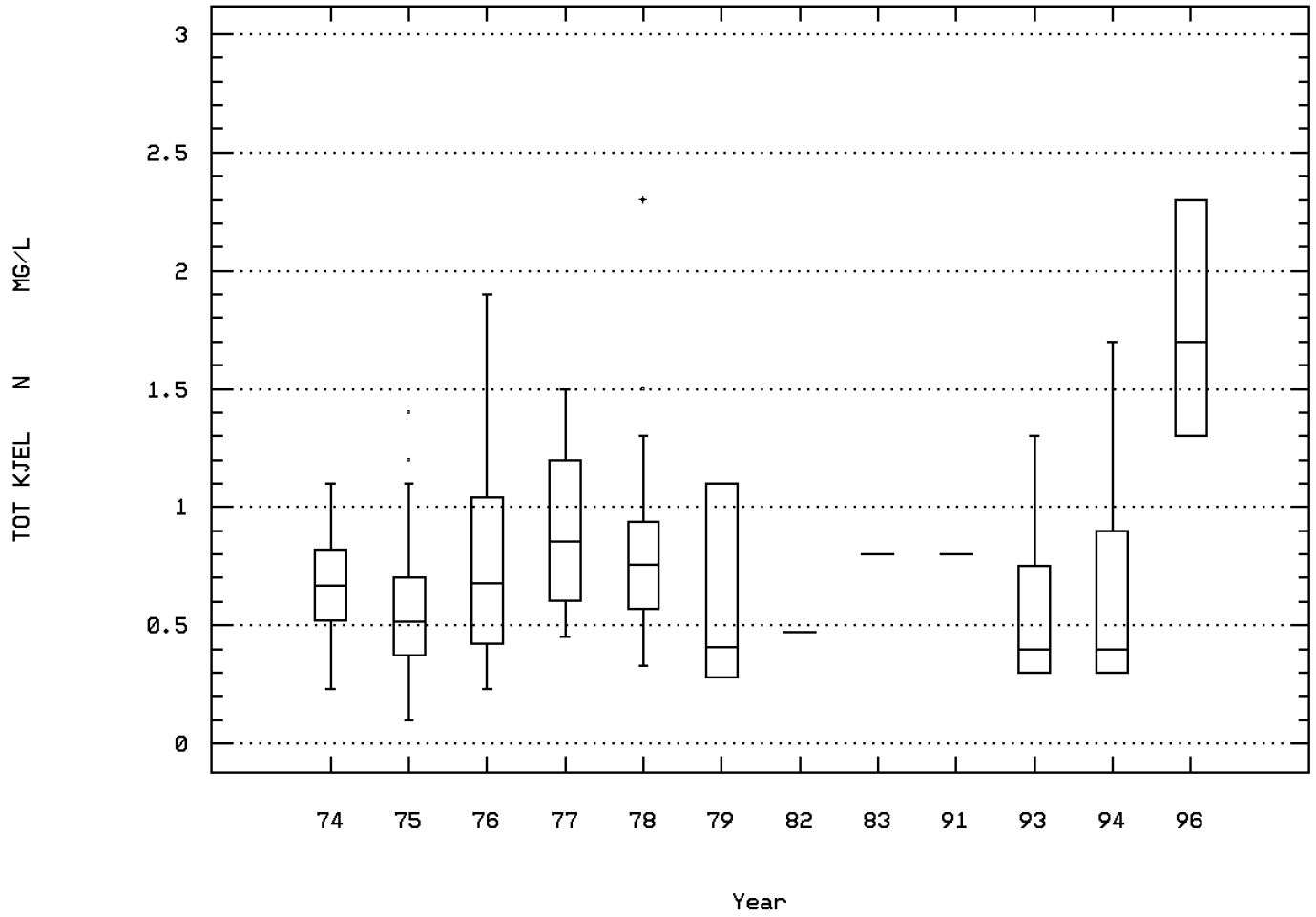
BICARBONATE ION (MG/L AS HCO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00625

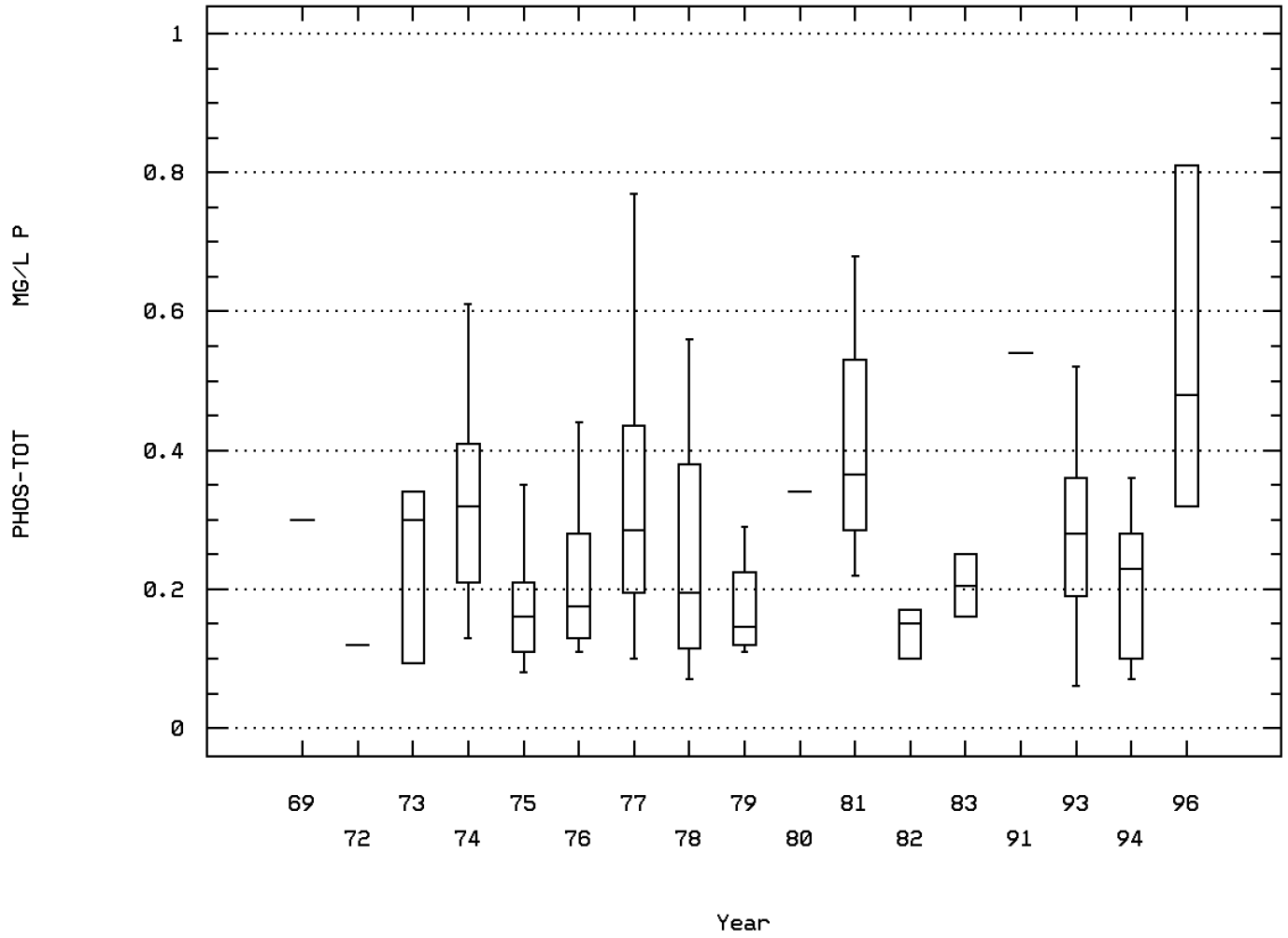
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00665

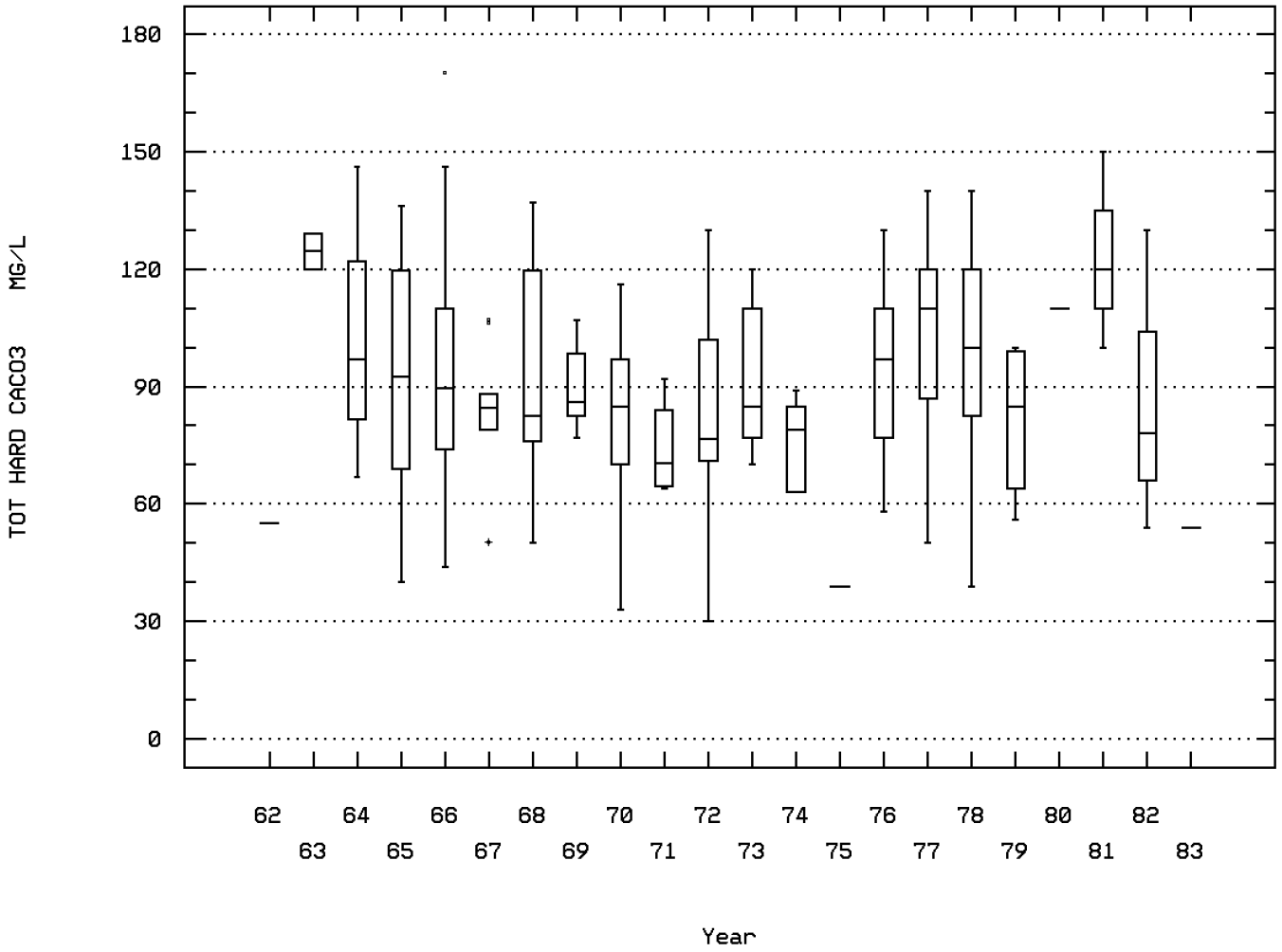
PHOSPHORUS, TOTAL (MG/L AS P)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00900

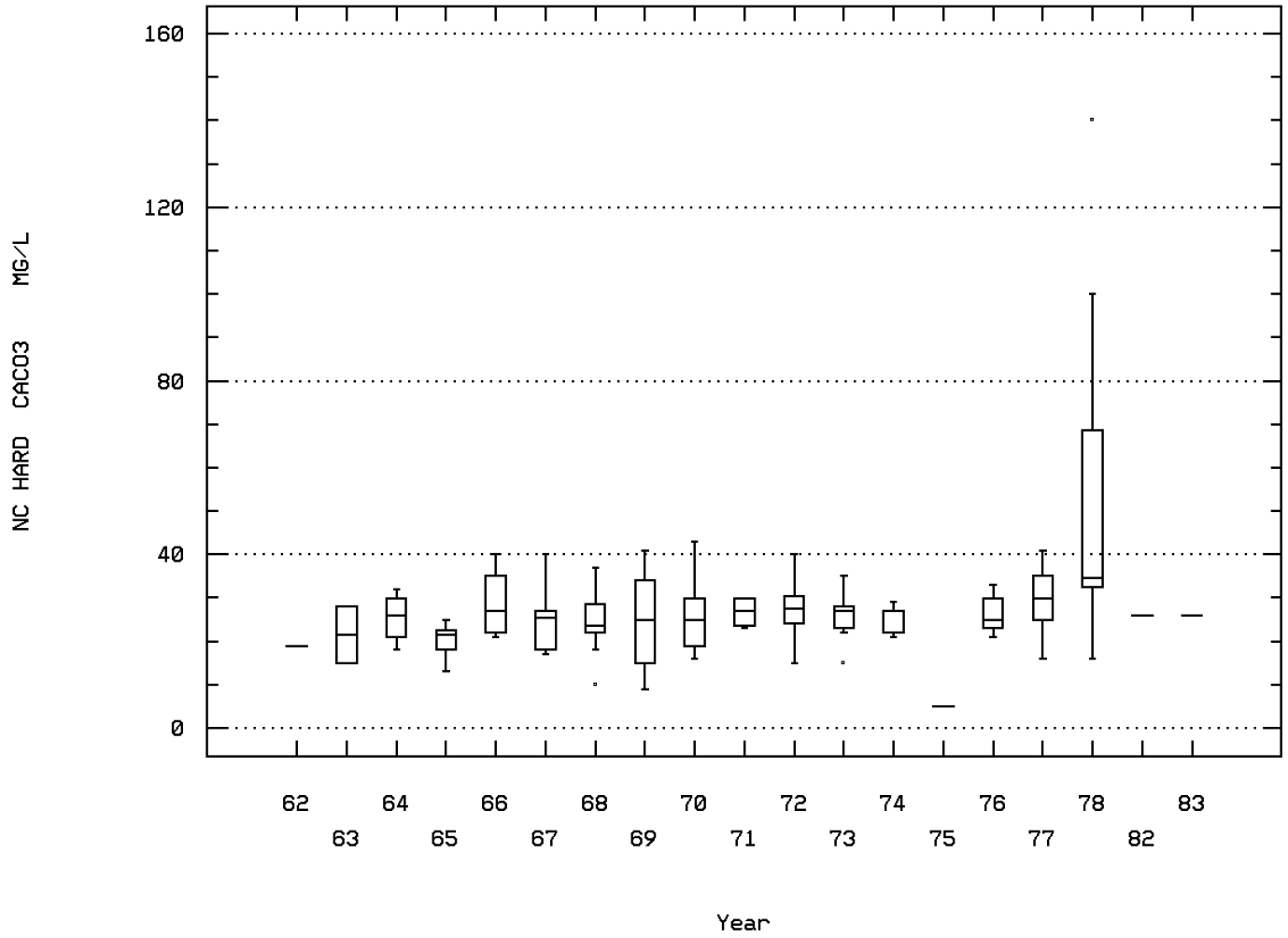
HARDNESS, TOTAL (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00902

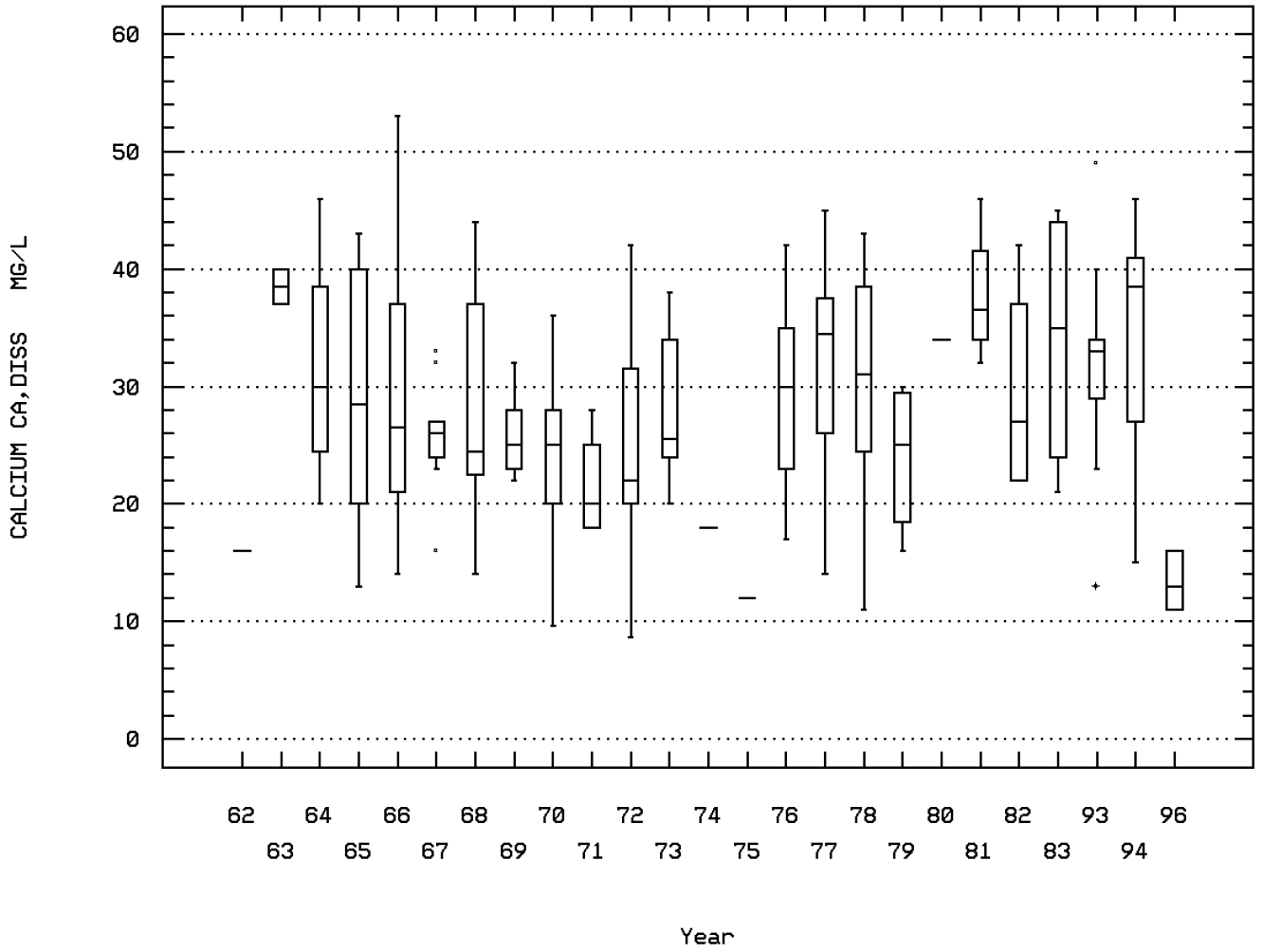
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00915

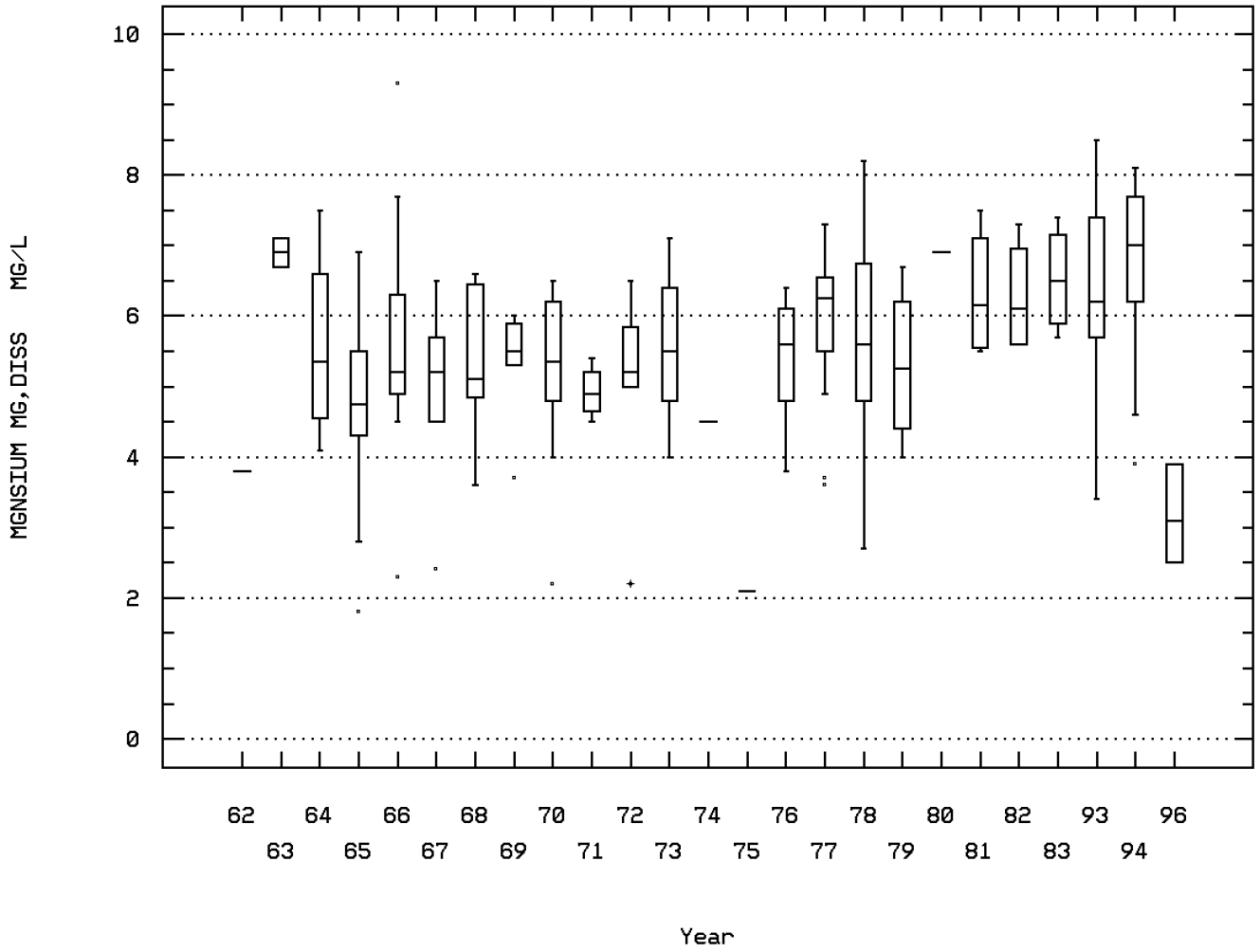
CALCIUM, DISSOLVED (MG/L AS CA)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00925

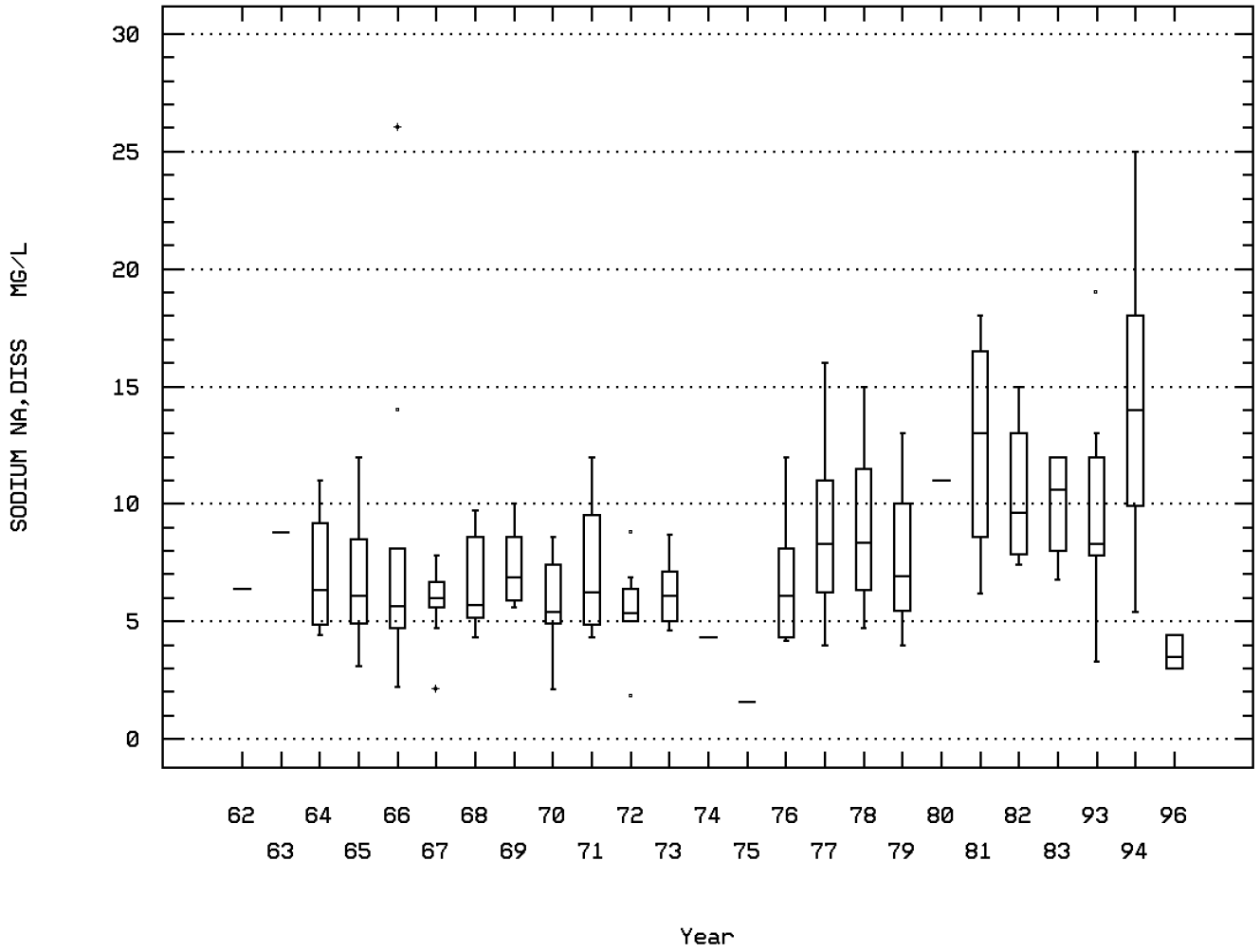
MAGNESIUM, DISSOLVED (MG/L AS MG)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00930

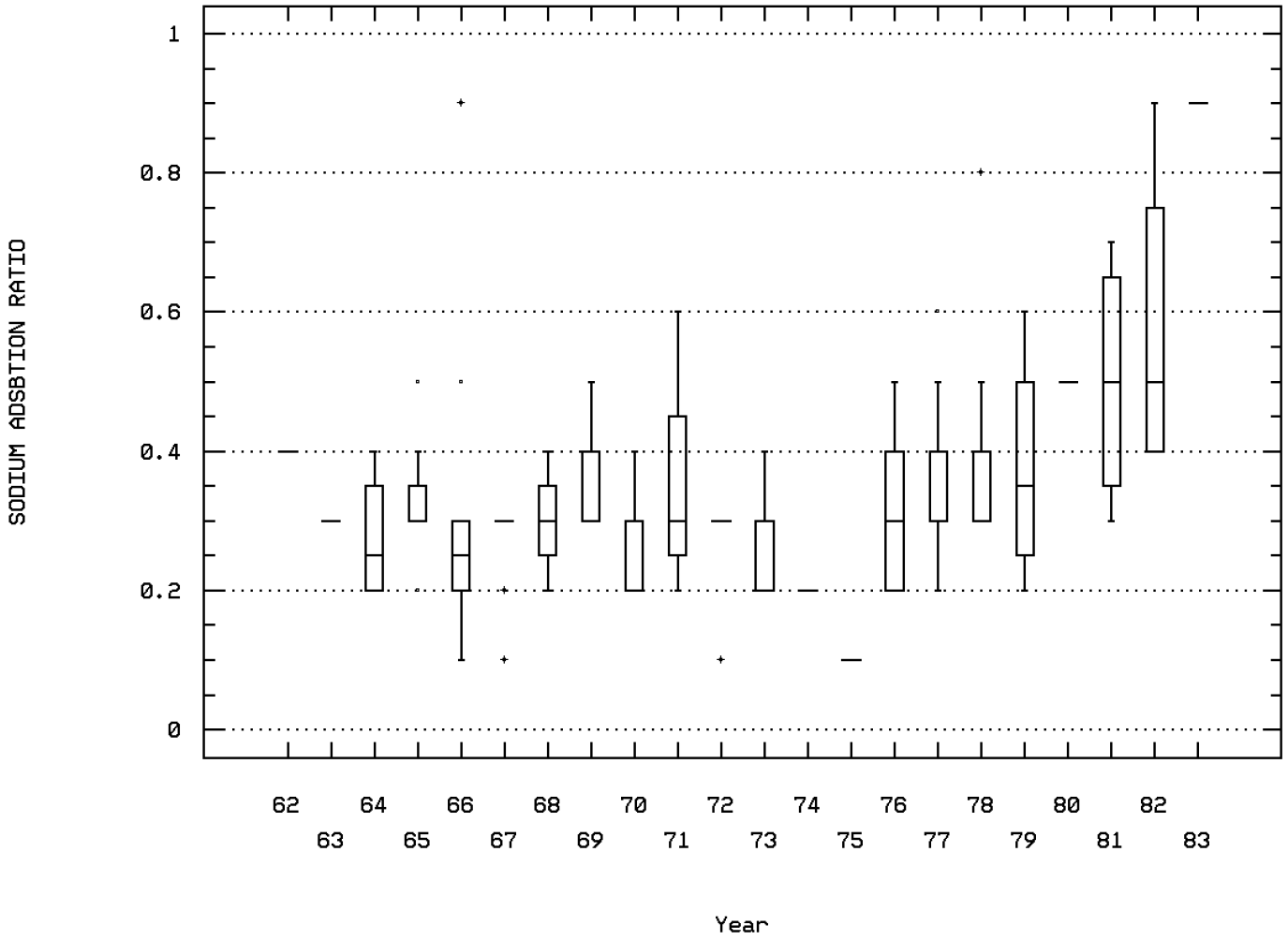
SODIUM, DISSOLVED (MG/L AS NA)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00931

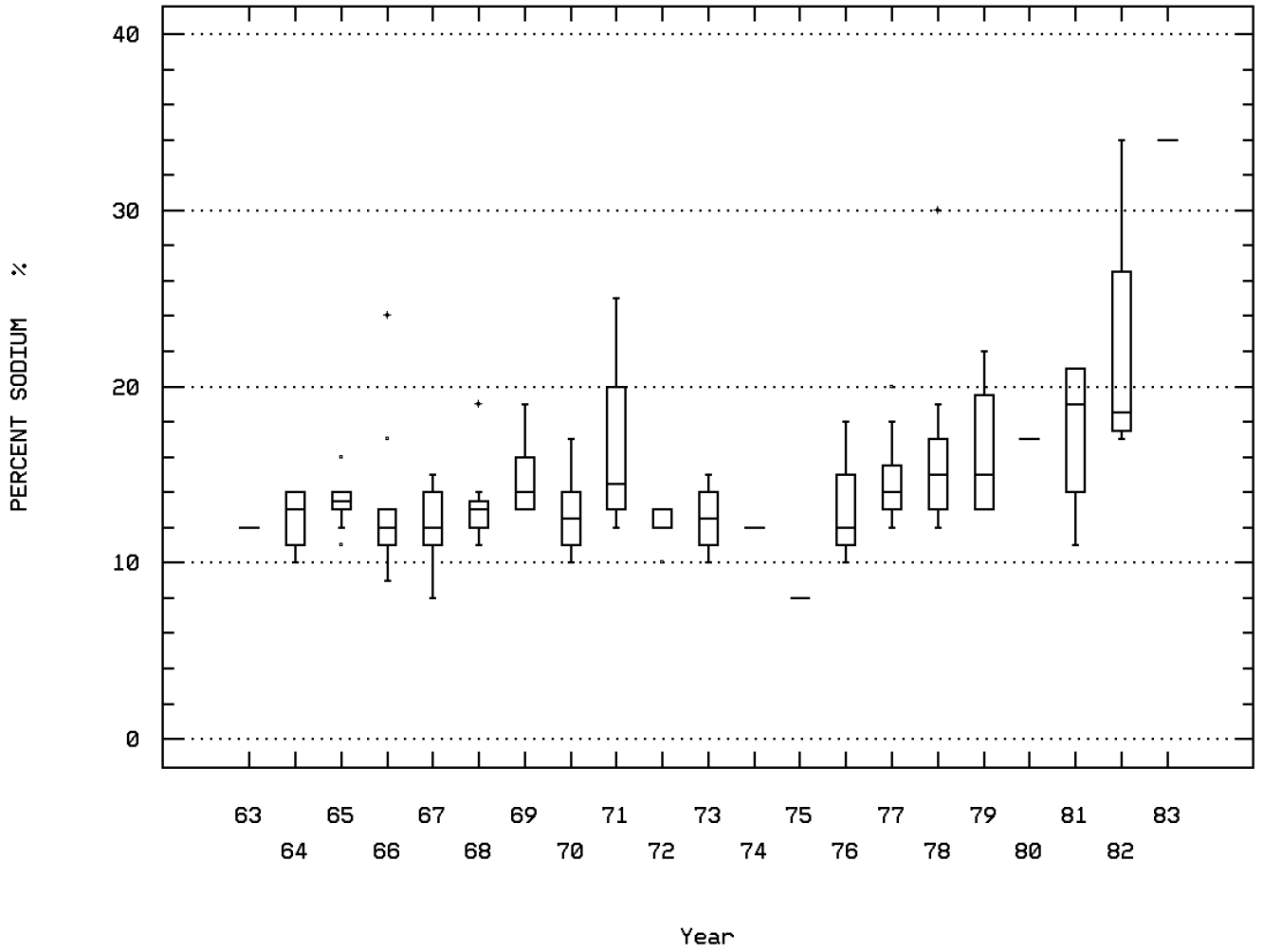
SODIUM ADSORPTION RATIO



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00932

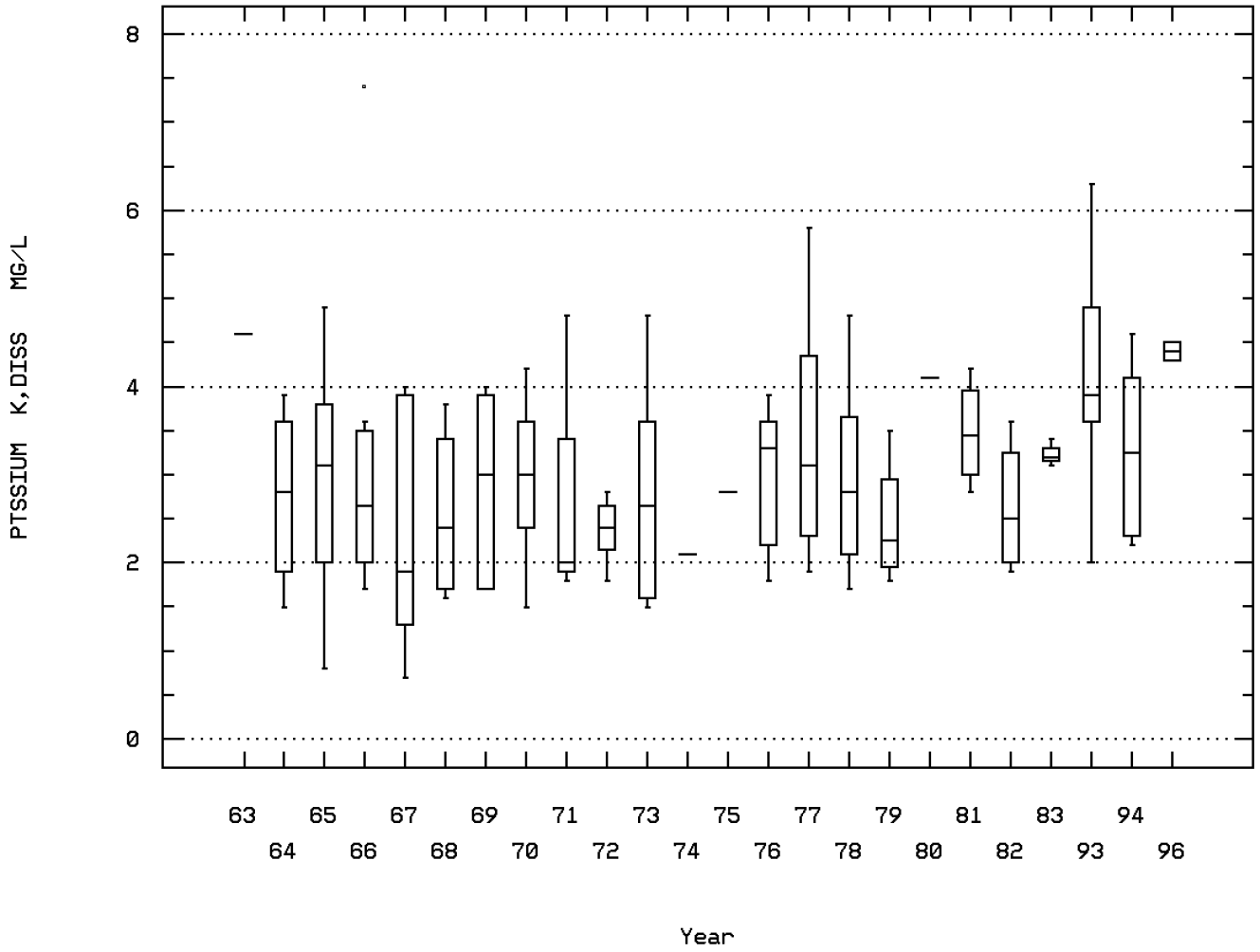
SODIUM, PERCENT



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00935

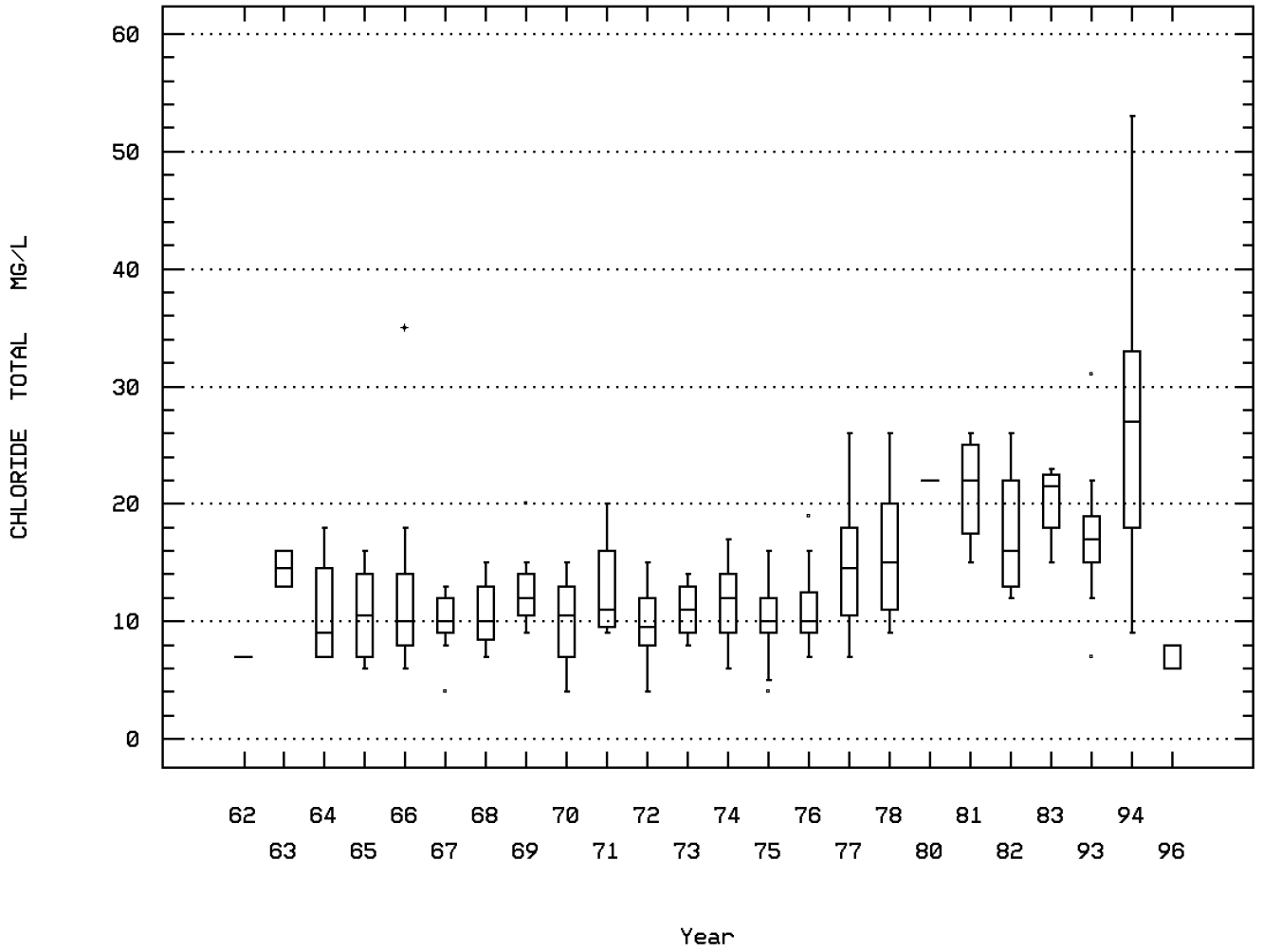
POTASSIUM, DISSOLVED (MG/L AS K)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00940

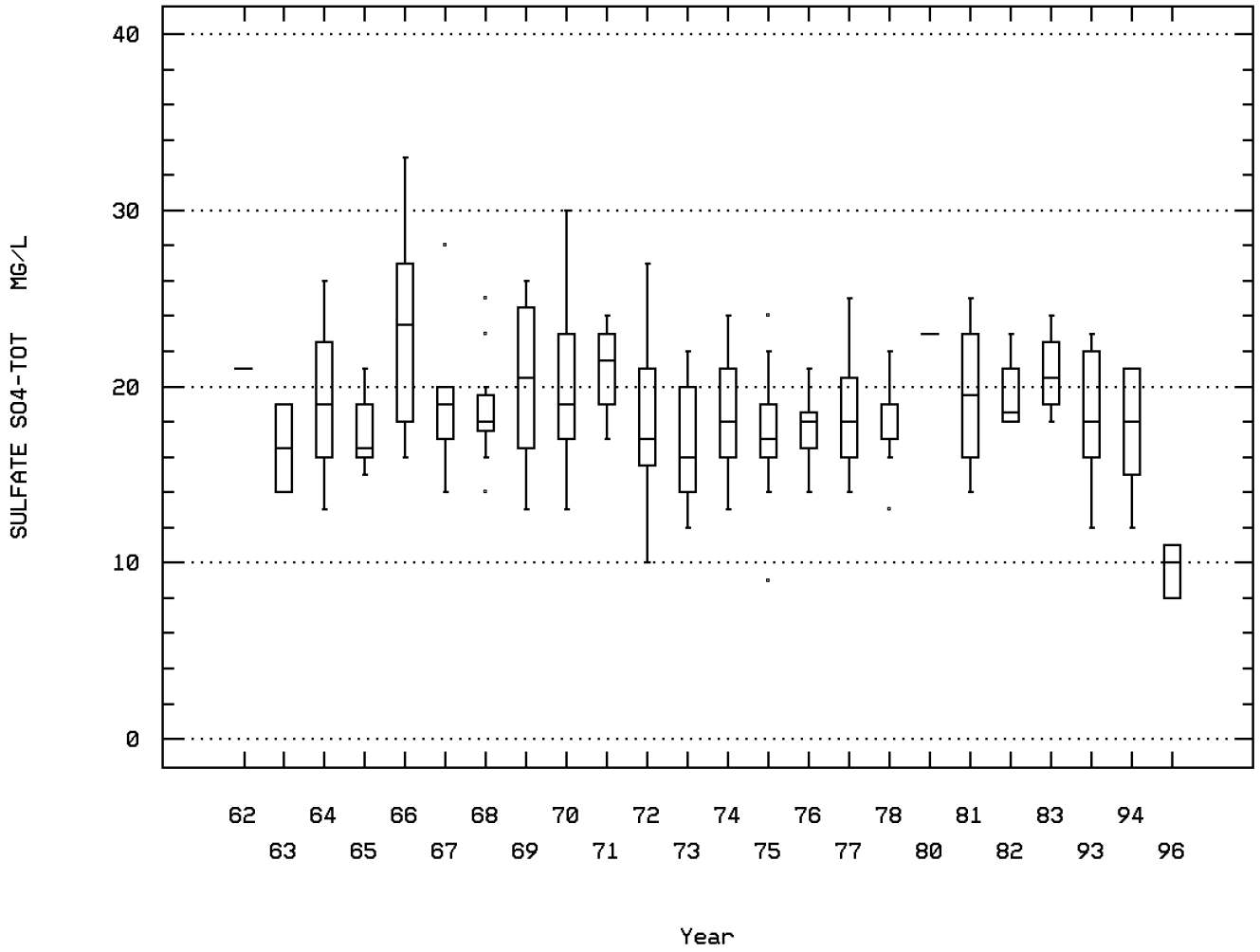
CHLORIDE,TOTAL IN WATER



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00945

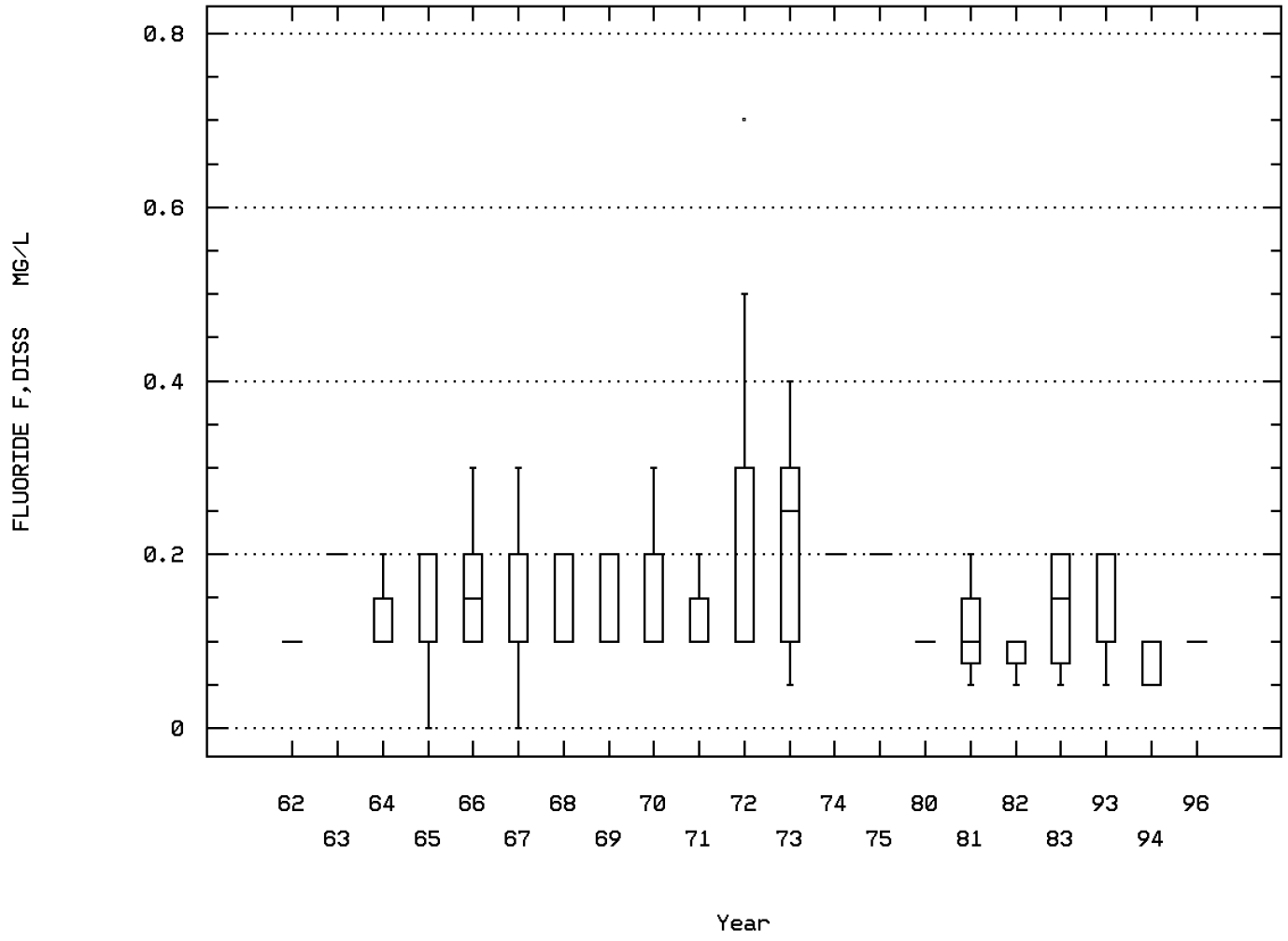
SULFATE, TOTAL (MG/L AS SO4)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00950

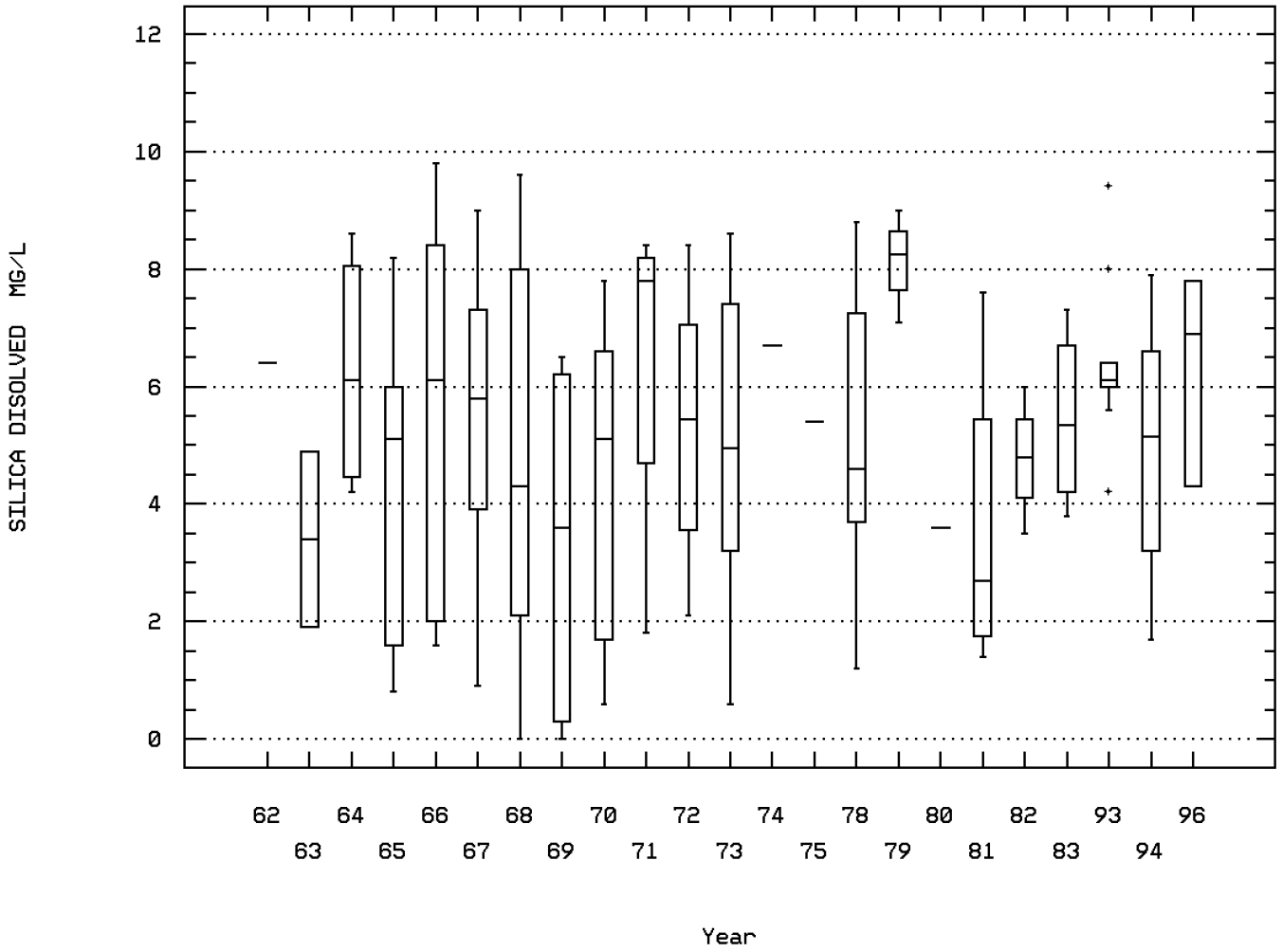
FLUORIDE, DISSOLVED (MG/L AS F)



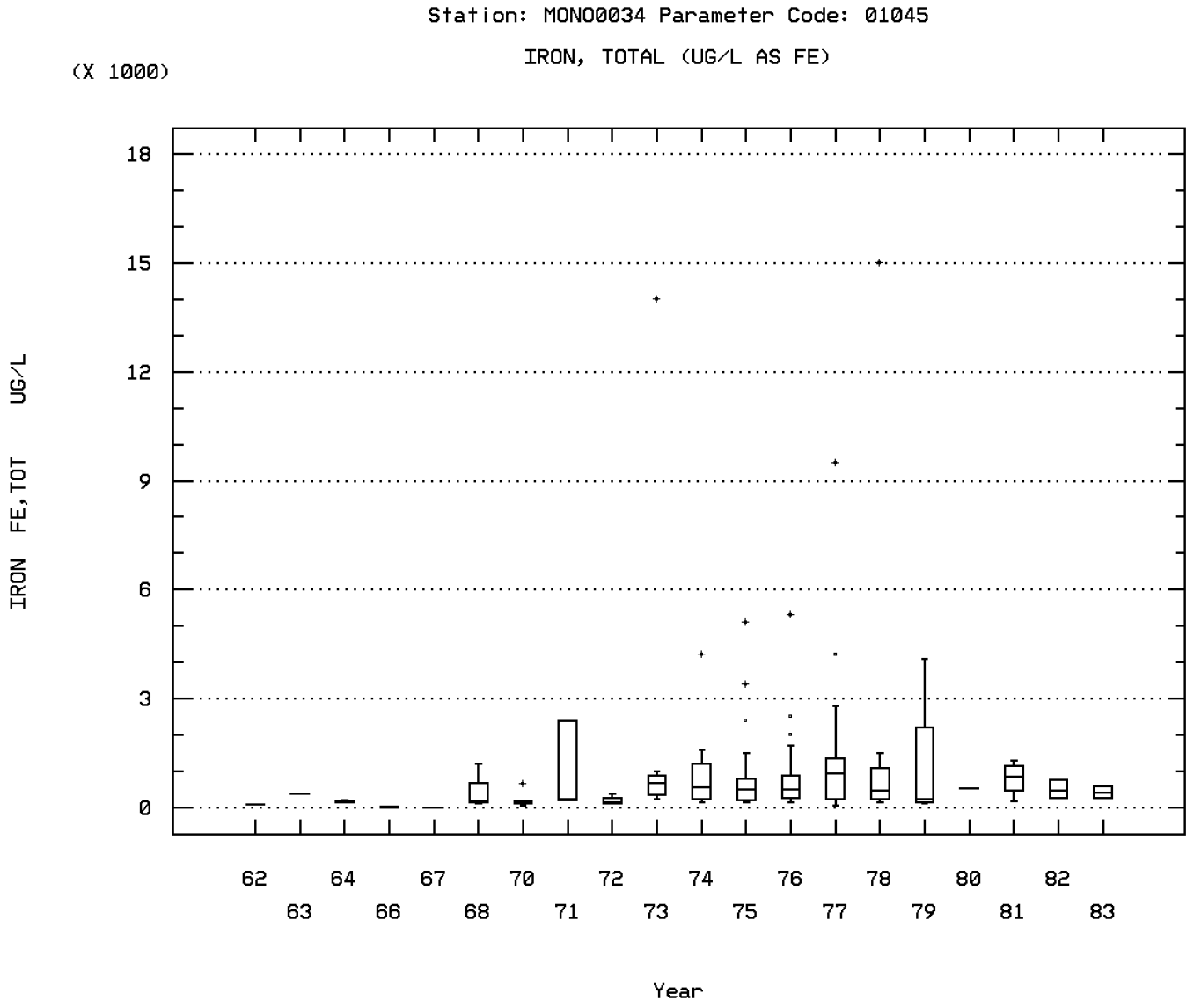
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



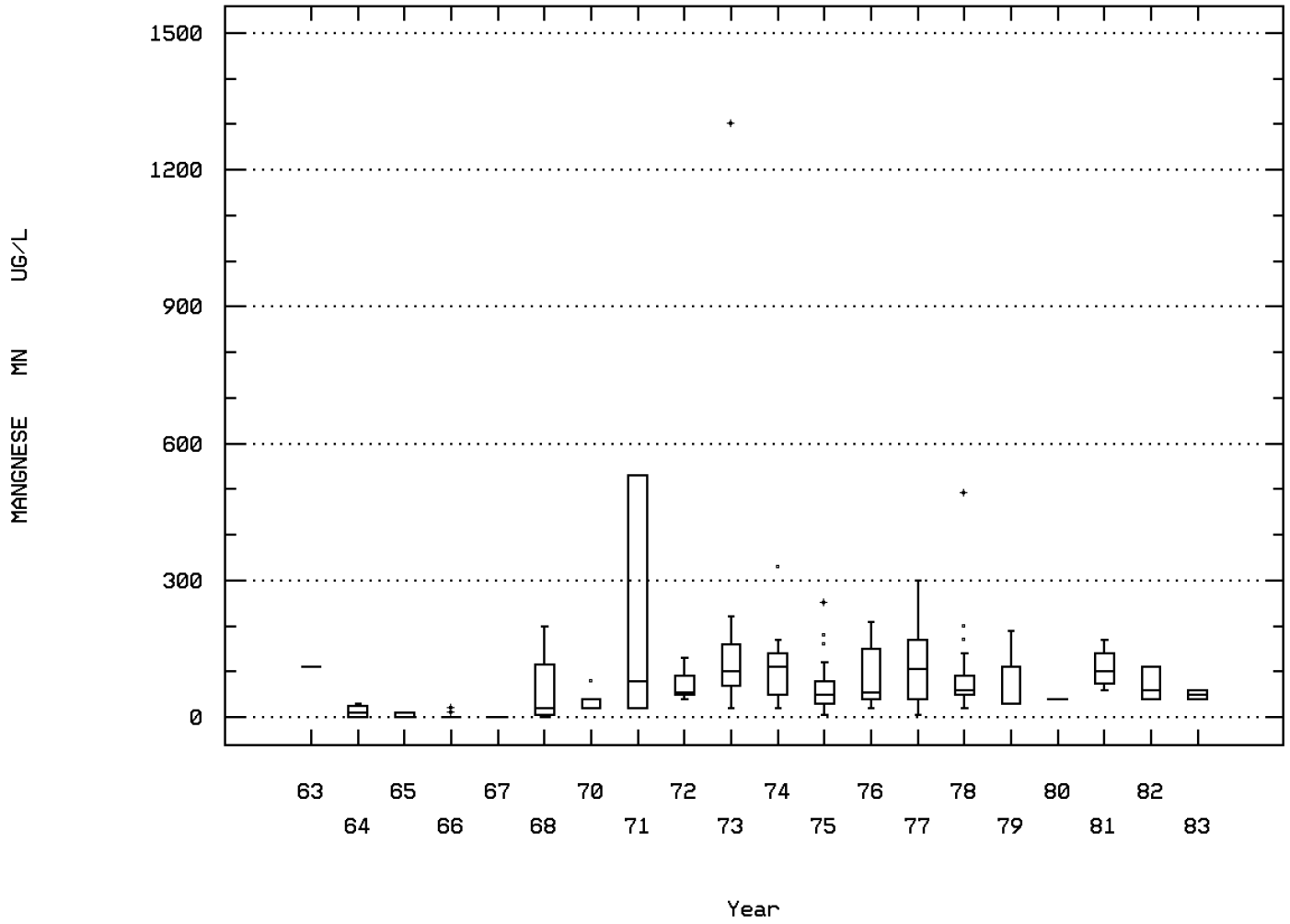
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01055

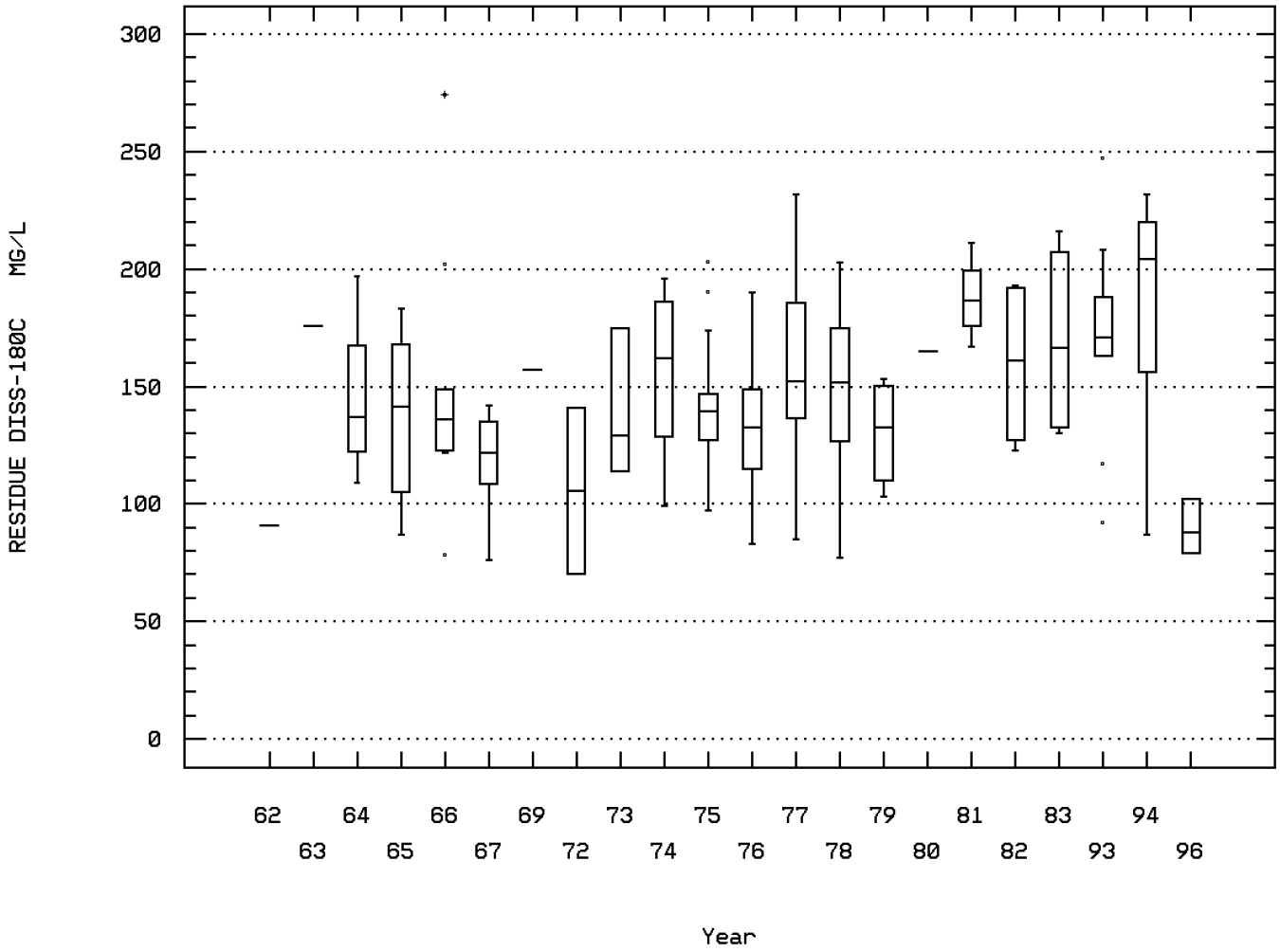
MANGANESE, TOTAL (UG/L AS MN)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70300

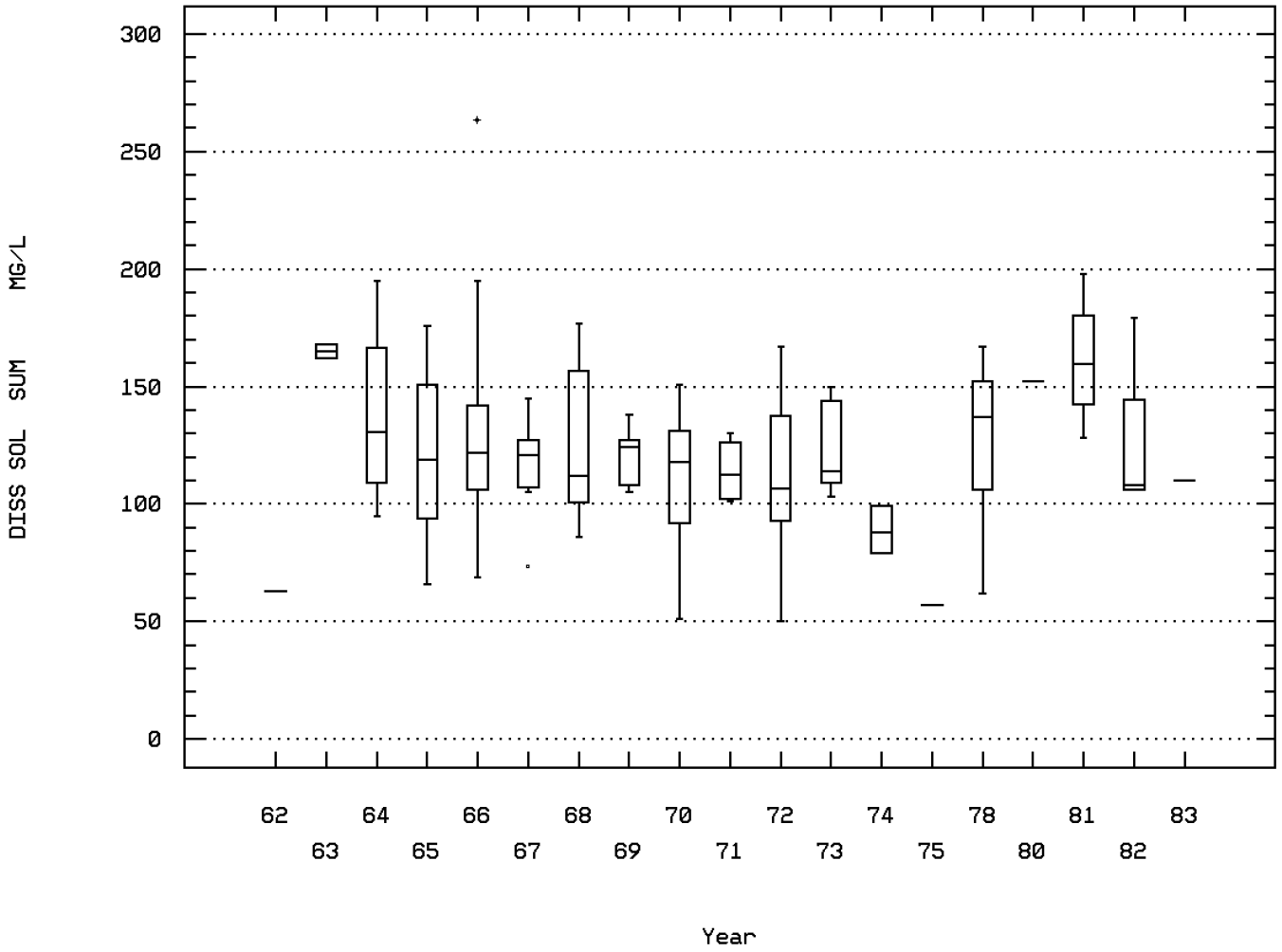
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



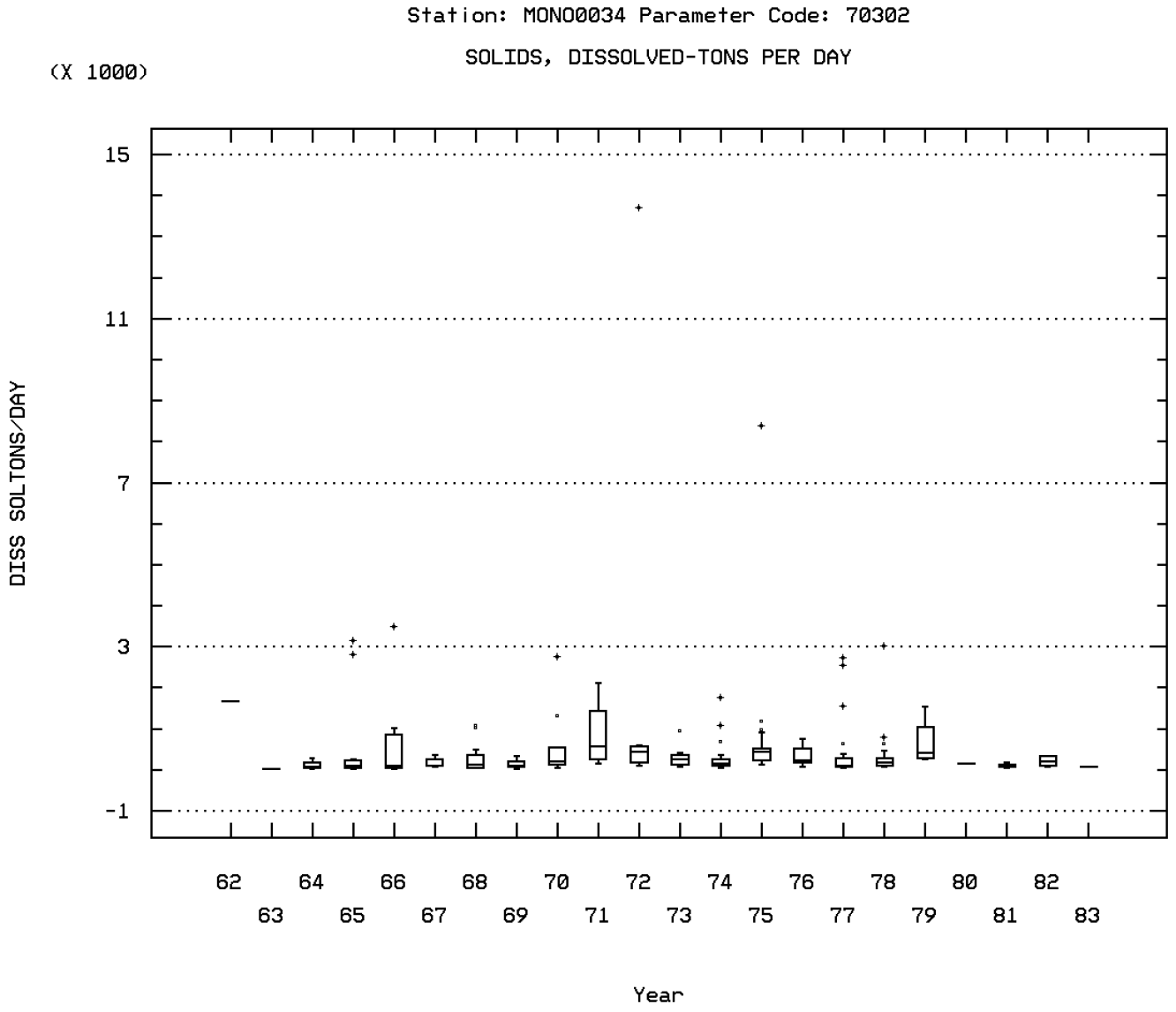
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70301

SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



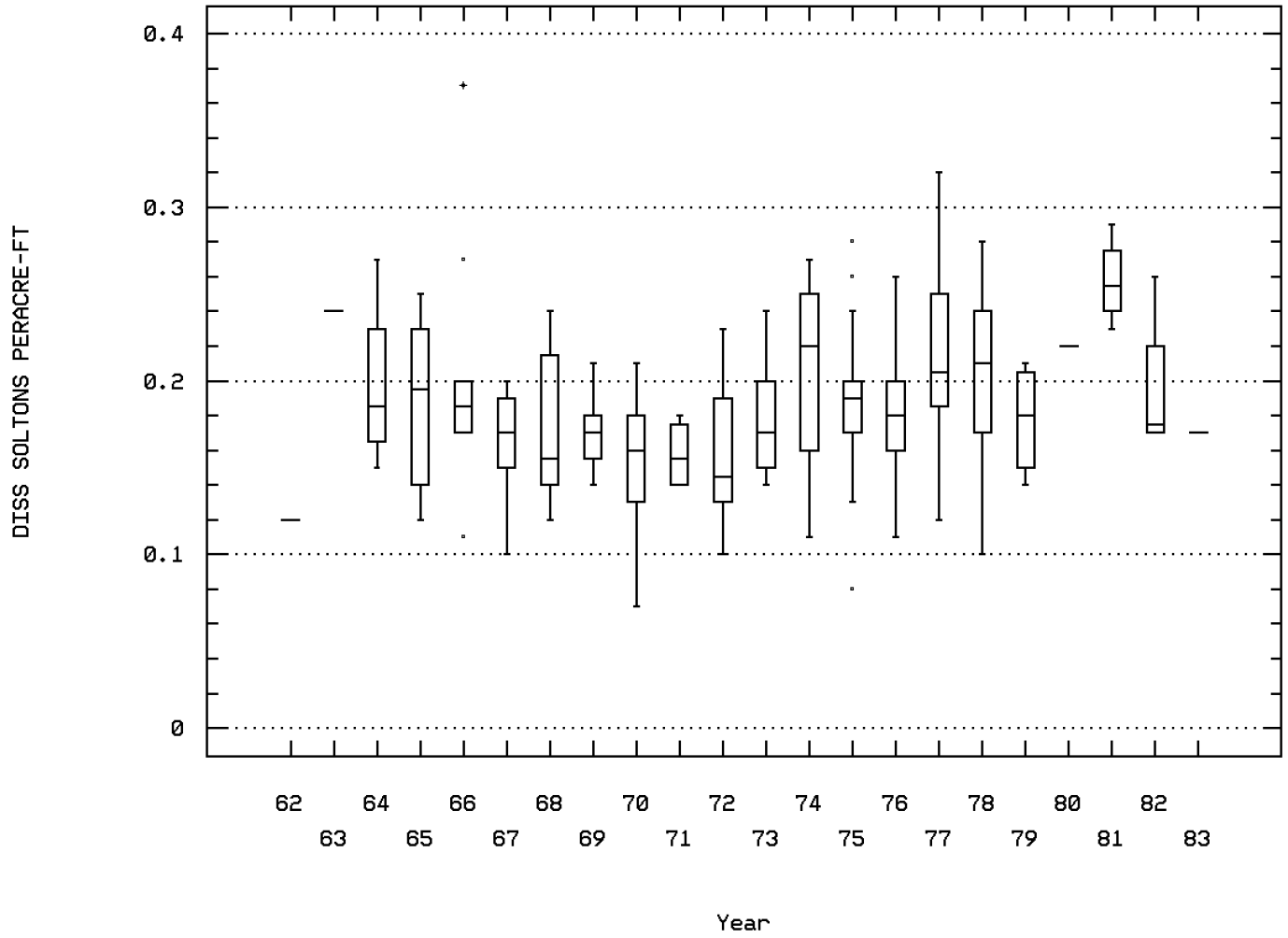
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	97	20.5	19.586	28.	0.	30.609	5.533	12.	15.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	58	23.	22.405	32.	5.	36.346	6.029	14.	17.	26.625	31.
00060	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	39	181.	699.923	7590.	24.	2149443.126	1466.098	63.	94.	310.	2740.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	95	199.	1615.368	54400.	24.	41928381.278	6475.213	103.8	136.	303.	2608.
00065	STAGE, STREAM (FEET)	10/13/66-06/21/96	25	1.63	1.793	2.79	1.3	0.164	0.406	1.354	1.46	2.	2.468
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	34	15.	22.794	140.	1.	708.29	26.614	4.	6.75	26.25	52.5
00080p	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	20	6.5	11.6	60.	2.	187.937	13.709	2.1	5.	13.	33.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	81	293.	291.852	463.	88.	3479.153	58.984	212.2	270.	334.	356.6
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	53	7.6	7.825	14.8	4.3	3.403	1.845	5.8	6.65	8.8	10.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	34	3.75	4.032	7.4	1.3	2.865	1.693	1.85	2.95	5.225	6.85
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	80	7.6	7.65	9.2	6.6	0.16	0.4	7.11	7.5	7.8	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	80	7.6	7.473	9.2	6.6	0.192	0.438	7.11	7.5	7.8	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	80	0.025	0.034	0.251	0.001	0.002	0.039	0.008	0.016	0.032	0.078
00403	PH, LAB, STANDARD UNITS SU	11/24/80-06/21/96	9	7.8	7.756	8.	7.5	0.038	0.194	7.5	7.55	7.95	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-06/21/96	9	7.8	7.717	8.	7.5	0.039	0.199	7.5	7.55	7.95	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-06/21/96	9	0.016	0.019	0.032	0.01	0.	0.009	0.01	0.011	0.028	0.032
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	51	3.8	6.341	35.	0.1	43.456	6.592	1.8	2.6	6.1	15.8
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	55	91.	87.636	143.	34.	515.013	22.694	51.4	74.	103.	112.
00440	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	55	111.	106.6	174.	41.	756.504	27.505	62.4	90.	125.	134.6
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	33	28.	33.303	174.	3.	916.53	30.274	8.	13.	43.	58.8
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	31	2.9	2.9	3.7	2.	0.183	0.427	2.32	2.6	3.2	3.58
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/19/72-06/21/96	8	0.055	0.211	0.8	0.02	0.102	0.32	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	32	0.285	0.31	0.98	0.005	0.052	0.229	0.043	0.093	0.478	0.581
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/73-06/21/96	7	0.02	0.015	0.02	0.004	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	33	0.07	0.068	0.16	0.003	0.002	0.043	0.014	0.035	0.1	0.126
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	22	1.75	1.838	2.9	0.18	0.516	0.719	0.885	1.35	2.5	2.9
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	39	0.82	0.826	1.5	0.1	0.156	0.395	0.3	0.42	1.2	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	37	2.1	2.005	4.1	0.88	0.3	0.548	1.38	1.7	2.3	2.42
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/73-06/21/96	7	3.3	3.414	6.1	1.6	1.965	1.402	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	45	0.36	0.373	0.77	0.1	0.024	0.156	0.17	0.24	0.465	0.606
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/28/82-06/21/96	6	0.195	0.22	0.43	0.11	0.012	0.11	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	33	5.2	5.803	13.	2.2	6.93	2.633	3.08	3.95	7.35	9.76
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	50	120.	115.24	170.	39.	623.411	24.968	77.5	99.25	131.5	140.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	45	25.	31.022	140.	5.	730.977	27.037	17.6	21.5	29.	38.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	55	38.	36.545	53.	12.	68.734	8.291	24.6	33.	43.	46.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	55	6.5	6.376	9.3	2.1	1.581	1.258	4.8	5.6	7.2	7.92
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	53	9.7	10.489	26.	1.6	20.148	4.489	5.3	7.35	12.5	17.6
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	48	0.4	0.385	0.9	0.1	0.02	0.14	0.2	0.3	0.5	0.51
00932p	SODIUM, PERCENT	10/14/63-02/24/83	48	14.5	14.604	24.	8.	9.776	3.127	11.	12.	17.	18.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	53	3.9	3.938	7.4	2.4	0.714	0.845	2.84	3.55	4.55	4.86
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	64	15.	15.938	35.	4.	44.79	6.693	9.	12.	18.	26.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	64	19.	18.781	33.	9.	11.412	3.378	15.	17.	21.	22.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	36	0.2	0.207	0.7	0.05	0.013	0.112	0.1	0.125	0.2	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	41	4.	4.198	9.1	0.6	4.686	2.165	1.82	2.7	5.4	7.92
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	34 ##	10.	8.235	20.	0.	27.094	5.205	0.	7.5	10.	10.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	49	650.	1114.898	14000.	0.	4335233.844	2082.122	120.	270.	1150.	1700.
01046p	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	24	35.5	35.188	80.	1.5	385.365	19.631	5.	21.25	49.5	65.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/28/76-07/19/83	17	60.	61.765	120.	20.	590.441	24.299	20.	50.	80.	96.
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	52	110.	132.692	1300.	0.	34714.178	186.317	10.	42.5	167.5	180.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	25	50.	69.16	420.	0.	6671.39	81.679	10.	19.5	90.	118.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	29	1300.	11245.586	87000.	12.	372011188.608	19287.592	99.	490.	19500.	43000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	29	3.114	3.314	4.94	1.079	0.925	0.962	1.996	2.69	4.286	4.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2060.898								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	55	184.	181.764	274.	108.	1024.221	32.003	137.6	165.	197.	222.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	30	151.	151.667	263.	57.	1351.54	36.763	107.4	130.75	170.	195.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	63	88.5	301.305	8370.	17.8	1163073.219	1078.459	34.36	63.3	118.	500.6
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	63	0.24	0.23	0.37	0.08	0.002	0.047	0.17	0.2	0.26	0.28
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/14/65-06/21/96	10	99.	98.3	100.	94.	3.789	1.947	94.2	97.5	100.	100.

** - Less than 9 observations ## - Computed 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: 8/01 to 10/31 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70332p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/14/65-07/25/92	7	99.	98.857	100.	97.	1.143	1.069	**	**	**	**
70333p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/14/65-07/25/92	5	99.	99.2	100.	98.	0.7	0.837	**	**	**	**
70334p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/19/68-07/25/92	3	100.	99.667	100.	99.	0.333	0.577	**	**	**	**
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/14/65-12/12/92	4	39.5	39.75	53.	27.	114.25	10.689	**	**	**	**
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/14/65-12/12/92	8	58.	57.	68.	46.	43.714	6.612	**	**	**	**
70339p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/14/65-12/12/92	8	77.5	73.	84.	50.	141.143	11.88	**	**	**	**
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/14/65-12/12/92	8	90.5	85.5	95.	69.	95.143	9.754	**	**	**	**
70341p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/14/65-12/12/92	8	94.	92.375	98.	78.	46.554	6.823	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	25	7.7	7.856	13.	0.8	10.786	3.284	2.98	5.25	10.3	13.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	31	13.	12.9	16.	8.9	3.65	1.91	10.2	12.	14.	16.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/14/65-06/21/96	15	81.	281.133	773.	14.	94731.695	307.785	14.6	27.	617.	768.8
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/14/65-02/24/83	9	1520.	5919.667	30100.	14.	92952803.5	9641.203	14.	26.	7670.	30100.

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	145	4.	4.597	14.	0.	12.805	3.578	0.5	1.7	7.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	73	9.5	6.445	23.5	-7.	46.372	6.81	1.	4.	11.25	15.8
00060	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	60	1650.	3692.733	16500.	78.	19333935.25	4397.037	257.8	682.75	4785.	10780.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	137	1010.	3403.263	26300.	78.	26348723.725	5133.101	253.2	551.	3490.	10730.
00065	STAGE, STREAM (FEET)	10/13/66-06/21/96	25	3.16	5.743	16.78	1.83	21.96	4.686	1.936	2.545	9.715	14.274
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	54	5.	22.667	250.	1.	2151.019	46.379	2.	3.	21.25	62.5
00080p	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	32	5.	5.969	15.	0.	16.805	4.099	1.	3.	7.75	14.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	115	217.	219.6	350.	90.	2920.856	54.045	156.2	180.	255.	298.2
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	78	12.45	12.436	15.2	7.2	1.944	1.394	10.69	11.775	13.25	14.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	52	1.8	2.415	8.7	0.5	3.023	1.739	1.	1.3	2.875	4.64
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	113	7.4	7.419	9.2	6.1	0.19	0.436	6.8	7.2	7.7	7.96
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	113	7.4	7.189	9.2	6.1	0.244	0.494	6.8	7.2	7.7	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	113	0.04	0.065	0.794	0.001	0.01	0.099	0.011	0.02	0.063	0.158
00403	PH, LAB, STANDARD UNITS SU	11/24/80-06/21/96	12	7.5	7.533	7.8	7.3	0.033	0.183	7.3	7.4	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-06/21/96	12	7.5	7.5	7.8	7.3	0.035	0.186	7.3	7.4	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-06/21/96	12	0.032	0.032	0.05	0.016	0.	0.012	0.016	0.02	0.04	0.05
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	83	3.3	5.455	43.	0.7	44.288	6.655	1.14	2.2	5.4	12.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	84	52.	53.357	106.	15.	383.558	19.585	30.	39.	65.75	81.5
00440	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	83	63.	64.747	129.	18.	565.069	23.771	35.8	48.	79.	100.6
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	50	11.	45.62	425.	0.	7935.138	89.079	2.	4.	33.75	174.5
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	52	2.9	2.966	4.	1.4	0.314	0.561	2.215	2.7	3.3	3.77
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/19/72-06/21/96	5	0.06	0.194	0.75	0.04	0.097	0.311	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	52	0.175	0.225	0.85	0.01	0.026	0.161	0.08	0.123	0.25	0.477
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/73-06/21/96	5	0.02	0.024	0.04	0.01	0.	0.011	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	54	0.02	0.024	0.1	0.005	0.	0.016	0.01	0.01	0.03	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	31	2.	1.971	3.1	0.02	0.45	0.671	1.1	1.8	2.3	2.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	57	0.57	0.686	2.3	0.23	0.164	0.405	0.324	0.405	0.835	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	58	2.3	2.282	3.4	0.58	0.304	0.551	1.68	1.9	2.6	3.11
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/73-06/21/96	7	2.7	2.743	4.4	1.6	0.87	0.932	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	63	0.17	0.207	0.61	0.07	0.014	0.117	0.1	0.12	0.29	0.36
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/28/82-06/21/96	7	0.11	0.139	0.28	0.05	0.006	0.075	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	48	4.15	5.213	14.	1.4	9.02	3.003	2.39	3.2	7.35	9.47
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	75	80.	81.36	130.	33.	511.342	22.613	51.2	67.	96.	110.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	65	29.	28.923	43.	15.	46.385	6.811	20.2	23.	34.5	37.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	77	24.	24.644	41.	9.6	58.229	7.631	14.8	19.5	30.	36.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	77	5.3	5.208	7.7	1.8	1.665	1.29	3.56	4.5	6.15	6.74
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	77	6.4	7.156	25.	2.1	12.113	3.48	4.24	5.05	8.55	12.
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	71	0.3	0.348	0.9	0.1	0.028	0.166	0.2	0.3	0.4	0.58

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932p	SODIUM, PERCENT	10/14/63-02/24/83	70	14.	15.257	34.	8.	27.44	5.238	11.1	12.	16.	20.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	76	2.35	2.616	5.2	0.7	0.809	0.899	1.6	2.	3.3	3.86
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	95	11.	12.242	53.	4.	38.824	6.231	7.	9.	14.	20.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	94	19.	19.766	30.	12.	15.041	3.878	15.5	17.	22.	25.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	50	0.1	0.132	0.4	0.	0.005	0.072	0.05	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	60	6.65	6.132	9.8	0.	6.05	2.46	1.73	5.025	7.975	8.78
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	52 ##	10.	8.846	30.	0.	45.701	6.76	0.	2.5	10.	17.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	72	240.	932.361	15000.	10.	4832542.234	2198.304	123.	170.	597.5	1500.
01046p	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	34	45.	65.147	360.	5.	4520.129	67.232	20.	30.	77.75	130.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/28/76-07/19/83	24	10.	61.25	430.	0.	11333.152	106.457	0.	10.	65.	230.
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	76	40.	63.684	490.	0.	6811.579	82.532	0.	20.	67.5	190.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	34	28.5	27.353	60.	5.	136.841	11.698	16.	20.	30.	40.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	41	240.	3398.988	56000.	0.	86277762.506	9288.582	1.3	10.5	2900.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	41	2.38	2.296	4.748	0.	1.804	1.343	0.08	1.021	3.462	3.901
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			197.55								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	81	130.	131.42	231.	76.	976.897	31.255	87.8	109.5	147.5	174.6
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	48	110.	113.021	167.	51.	802.361	28.326	68.7	99.5	133.25	152.7
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	94	315.5	549.716	3480.	35.	519777.489	720.956	84.	156.75	532.	1425.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	94	0.17	0.171	0.28	0.07	0.001	0.038	0.12	0.15	0.19	0.22
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/14/65-06/21/96	30	96.	95.6	99.	86.	8.317	2.884	92.2	94.	97.25	99.
70332p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/14/65-07/25/92	29	99.	97.759	100.	87.	8.761	2.96	95.	97.5	99.	100.
70333p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/14/65-07/25/92	25	100.	98.48	100.	88.	9.26	3.043	93.6	99.	100.	100.
70334p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/19/68-07/25/92	15	100.	98.4	100.	90.	12.114	3.481	90.	98.	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/14/65-12/12/92	20	40.5	42.25	66.	26.	100.934	10.047	28.7	37.	46.5	63.6
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/14/65-12/12/92	32	53.	55.75	93.	37.	139.613	11.816	45.	49.	59.	78.7
70339p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/14/65-12/12/92	32	68.5	71.031	97.	61.	80.225	8.957	62.3	65.25	72.	87.1
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/14/65-12/12/92	32	82.5	83.469	98.	76.	32.902	5.736	77.	79.	87.	92.8
70341p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/14/65-12/12/92	32	92.	91.563	99.	83.	16.319	4.04	86.3	88.25	94.75	97.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	35	8.7	8.597	14.	0.1	8.443	2.906	4.96	7.4	10.	12.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	52	13.	13.167	18.	6.2	6.207	2.491	9.93	12.	15.	17.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/14/65-06/21/96	41	259.	385.22	2410.	4.	189986.576	435.874	32.6	117.	549.	780.4
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/14/65-02/24/83	27	4380.	10654.703	53700.	60.	178675757.559	13366.965	102.	1500.	21400.	29460.

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station MONO0034

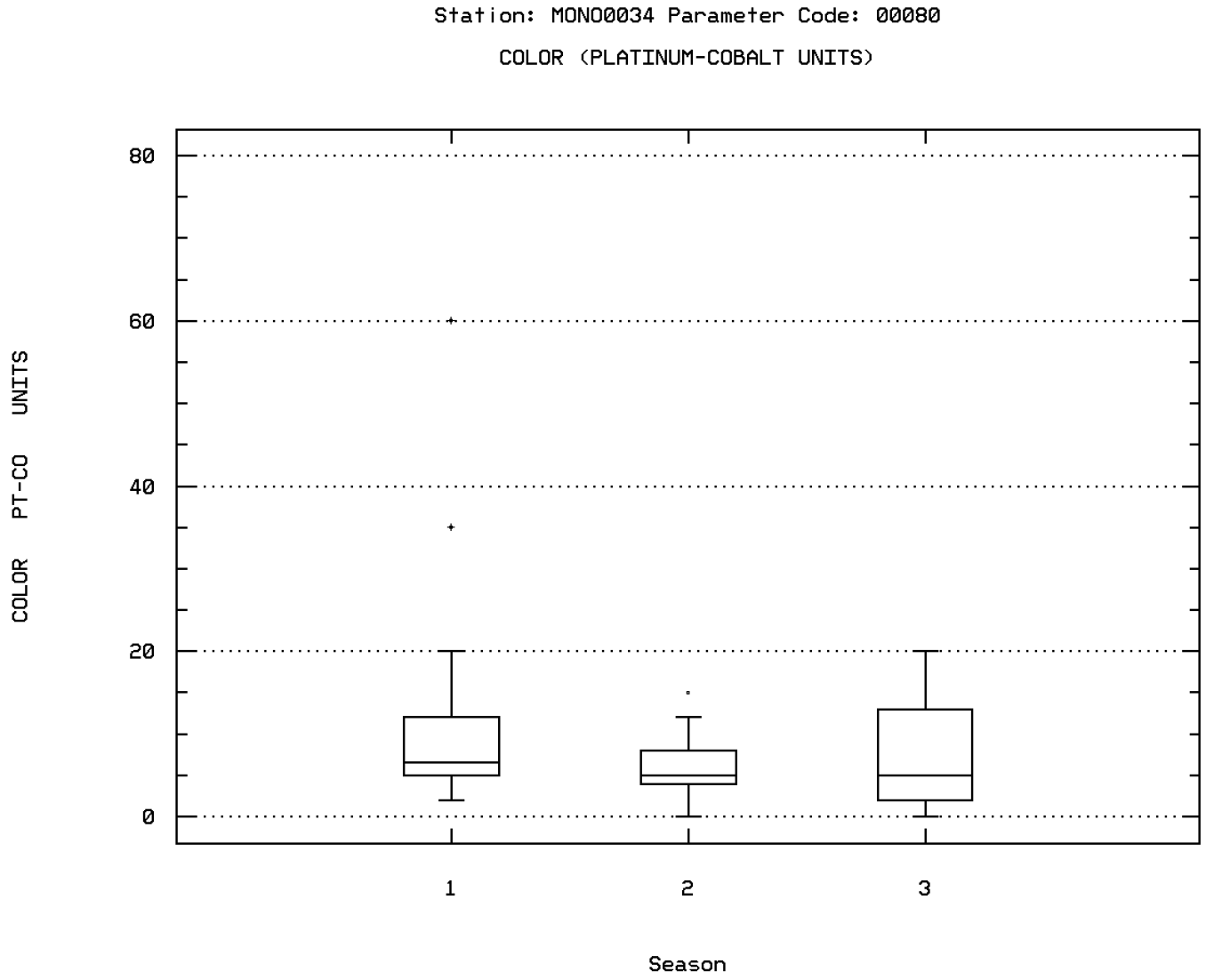
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/63-06/21/96	115	20.	18.571	29.	6.	38.108	6.173	9.	14.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/13/66-06/21/96	70	23.25	22.693	35.	5.5	53.162	7.291	11.55	17.25	28.625	31.45
00060	FLOW, STREAM, MEAN DAILY CFS	01/07/62-09/19/72	43	675.	3416.349	72600.	91.	125740424.471	11213.404	220.	324.	1930.	5950.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/64-09/12/95	110	600.	2532.4	74000.	91.	59244756.628	7697.062	214.6	351.75	1640.5	5995.
00065	STAGE, STREAM (FEET)	10/13/66-06/21/96	31	2.52	4.968	19.6	1.44	25.83	5.082	1.61	1.99	5.02	14.656
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/69-02/14/79	39	10.	21.026	180.	1.	973.868	31.207	3.	4.	30.	45.
00080p	COLOR (PLATINUM-COBALT UNITS)	01/07/62-07/19/83	24	5.	6.833	20.	0.	35.71	5.976	0.	2.	12.25	16.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/62-06/21/96	91	220.	221.198	345.	87.	2166.472	46.545	167.2	191.	250.	283.
00300p	OXYGEN, DISSOLVED MG/L	07/17/69-06/21/96	66	8.4	8.639	14.8	4.7	4.316	2.077	6.37	7.175	10.05	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/69-02/14/79	39	2.5	2.615	7.6	0.3	1.679	1.296	1.2	1.9	3.	4.
00400p	PH (STANDARD UNITS)	01/07/62-06/21/96	89	7.5	7.616	9.1	6.6	0.295	0.543	6.9	7.3	7.9	8.4
00400p	CONVERTED PH (STANDARD UNITS)	01/07/62-06/21/96	89	7.5	7.331	9.1	6.6	0.377	0.614	6.9	7.3	7.9	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/62-06/21/96	89	0.032	0.047	0.251	0.001	0.004	0.06	0.004	0.013	0.05	0.126
00403	PH, LAB, STANDARD UNITS SU	11/24/80-06/21/96	14	7.45	7.464	8.5	7.	0.186	0.431	7.	7.075	7.725	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-06/21/96	14	7.447	7.312	8.5	7.	0.21	0.459	7.	7.075	7.725	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-06/21/96	14	0.036	0.049	0.1	0.003	0.001	0.036	0.008	0.019	0.085	0.1
00405p	CARBON DIOXIDE (MG/L AS CO2)	01/07/62-02/24/83	54	3.65	5.557	34.	0.1	44.587	6.677	0.7	2.175	5.675	13.5
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/62-07/19/83	59	65.	64.339	130.	16.	372.435	19.299	41.	51.	75.	90.
00440	BICARBONATE ION (MG/L AS HCO3)	01/07/62-11/29/78	56	78.	76.25	130.	19.	453.318	21.291	49.4	60.25	89.25	107.3

** - 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 #3: 4/01 to 7/31 - Station MONO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	08/28/63-11/29/78	29	0.	0.414	9.	0.	3.037	1.743	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-02/14/79	38	19.5	34.316	152.	3.	1253.195	35.4	8.	10.75	46.75	95.4
00600	NITROGEN, TOTAL (MG/L AS N)	02/27/74-03/24/82	37	2.7	2.757	4.2	2.1	0.227	0.476	2.18	2.4	3.	3.44
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/19/72-06/21/96	10	0.03	0.091	0.32	0.02	0.011	0.106	0.02	0.02	0.148	0.311
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/73-08/29/91	38	0.13	0.156	0.59	0.005	0.013	0.112	0.04	0.098	0.193	0.304
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/73-06/21/96	10	0.035	0.035	0.07	0.01	0.	0.018	0.011	0.02	0.05	0.068
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-08/29/91	38	0.04	0.054	0.14	0.01	0.001	0.033	0.02	0.03	0.07	0.111
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/62-09/14/73	23	1.3	1.218	2.8	0.05	0.645	0.803	0.05	0.54	1.9	2.18
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/74-06/21/96	48	0.66	0.81	2.3	0.26	0.165	0.406	0.38	0.55	1.075	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/73-08/29/91	41	1.9	2.005	3.2	0.5	0.238	0.488	1.6	1.75	2.25	2.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/73-06/21/96	11	2.7	2.636	4.1	1.7	0.495	0.703	1.72	1.9	2.9	3.94
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/69-06/21/96	51	0.19	0.222	0.81	0.06	0.018	0.133	0.1	0.13	0.28	0.414
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/28/82-06/21/96	11	0.1	0.114	0.2	0.03	0.005	0.068	0.032	0.05	0.2	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/74-07/19/83	39	6.	6.413	15.	2.6	7.496	2.738	3.2	4.5	8.1	9.7
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/62-02/24/83	46	85.5	87.783	140.	30.	395.463	19.886	66.5	76.5	100.	113.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/07/62-02/24/83	37	23.	23.027	35.	9.	43.249	6.576	13.4	18.	28.5	31.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/07/62-06/21/96	57	28.	27.379	45.	8.6	61.721	7.856	16.	22.5	32.	38.2
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/07/62-06/21/96	57	5.3	5.272	7.4	2.2	1.14	1.068	3.86	4.8	6.	6.64
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/07/62-06/21/96	57	6.2	6.632	16.	1.8	5.692	2.386	4.3	5.15	7.85	9.34
00931p	SODIUM ADSORPTION RATIO	01/07/62-02/24/83	45	0.3	0.282	0.4	0.1	0.004	0.061	0.2	0.25	0.3	0.34
00932p	SODIUM, PERCENT	10/14/63-02/24/83	45	13.	12.733	18.	10.	2.655	1.629	10.6	12.	14.	15.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/63-06/21/96	57	2.4	2.626	6.3	1.	1.051	1.025	1.6	1.85	3.2	4.32
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/07/62-06/21/96	72	10.	11.153	28.	4.	22.188	4.71	7.	8.	12.75	18.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/07/62-06/21/96	72	16.5	16.375	27.	8.	8.632	2.938	14.	15.	18.	19.7
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/07/62-06/21/96	40	0.1	0.124	0.5	0.	0.007	0.083	0.05	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/07/62-06/21/96	48	4.5	4.621	9.6	0.	6.055	2.461	0.88	2.825	6.475	7.62
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/69-02/14/79	38 ##	10.	9.474	20.	0.	26.743	5.171	0.	10.	10.	20.
01045p	IRON, TOTAL (UG/L AS FE)	01/07/62-07/19/83	49	530.	813.265	4200.	130.	623397.449	789.555	180.	260.	1050.	2000.
01046p	IRON, DISSOLVED (UG/L AS FE)	10/08/69-06/21/96	23	30.	49.957	290.	7.	3325.043	57.663	15.8	20.	56.	98.4
01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/28/76-07/19/83	13	50.	54.615	150.	10.	1793.59	42.351	14.	20.	65.	142.
01055p	MANGANESE, TOTAL (UG/L AS MN)	10/14/63-07/19/83	51	70.	79.216	180.	0.	2247.373	47.406	22.	50.	110.	158.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/67-06/21/96	24	16.5	23.208	100.	3.	528.955	22.999	3.5	6.5	30.	60.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	36	1200.	5521.292	34000.	0.5	60412754.691	7772.564	37.1	367.5	7800.	15000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/69-09/22/76	36	3.079	3.079	4.531	-0.301	1.11	1.053	1.563	2.562	3.892	4.176
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1198.678								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/62-06/21/96	62	140.5	140.839	221.	70.	1113.974	33.376	99.9	116.75	160.25	187.7
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/07/62-02/24/83	30	106.5	107.9	142.	50.	319.955	17.887	91.1	99.75	119.75	128.9
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/07/62-02/24/83	67	190.	525.348	13700.	33.9	2840839.477	1685.479	83.9	121.	338.	877.202
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/07/62-02/24/83	67	0.18	0.177	0.3	0.1	0.001	0.037	0.13	0.15	0.2	0.222
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/14/65-06/21/96	23	97.	95.174	100.	77.	32.241	5.678	86.2	94.	99.	100.
70332p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/14/65-07/25/92	16	99.	97.813	100.	90.	10.696	3.27	90.	97.25	100.	100.
70333p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/14/65-07/25/92	14	99.	98.214	100.	91.	8.797	2.966	91.5	98.5	100.	100.
70334p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/19/68-07/25/92	11	100.	98.636	100.	93.	5.855	2.42	93.4	98.	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/14/65-12/12/92	7	40.	40.571	60.	29.	118.952	10.907	**	**	**	**
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/14/65-12/12/92	17	53.	55.412	78.	39.	140.882	11.869	40.6	45.5	64.	74.
70339p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/14/65-12/12/92	16	68.	70.563	94.	54.	171.729	13.105	54.7	58.25	82.5	91.2
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/14/65-12/12/92	16	83.	83.313	97.	69.	102.496	10.124	69.7	73.	93.75	97.
70341p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/14/65-12/12/92	17	91.	90.353	98.	78.	44.868	6.698	78.8	85.5	96.5	98.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/07/62-09/14/73	26	6.15	5.592	12.	0.2	11.714	3.423	0.2	2.55	8.425	9.3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/27/74-03/24/82	37	12.	12.214	18.	9.2	4.272	2.067	9.54	11.	13.	15.2
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/14/65-06/21/96	30	264.	437.9	1330.	9.	208334.852	456.437	12.	29.25	886.25	1165.2
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/14/65-02/24/83	16	3485.	10398.581	61600.	6.3	269972244.166	16430.832	16.59	296.25	13000.	42630.

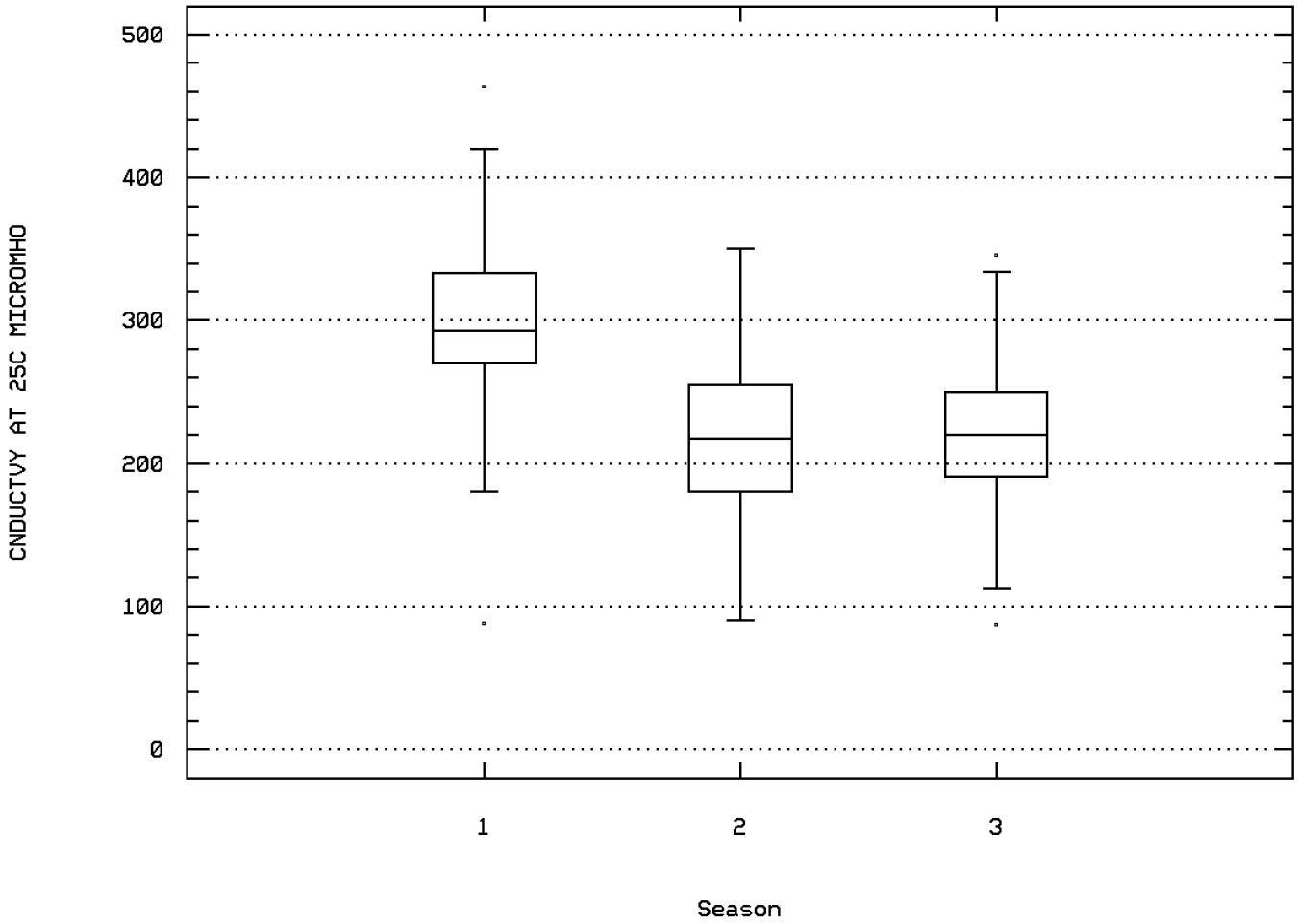
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00095

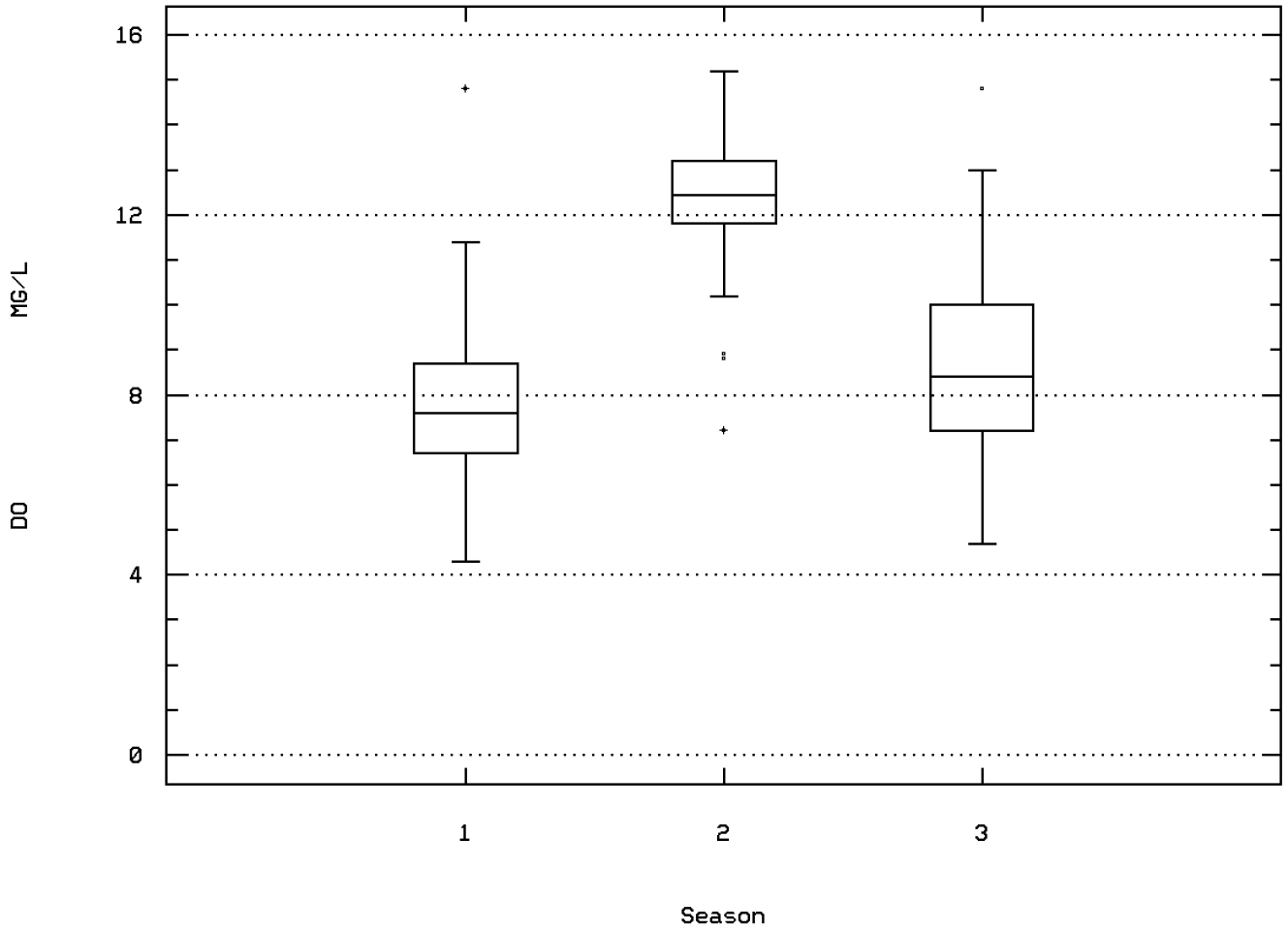
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



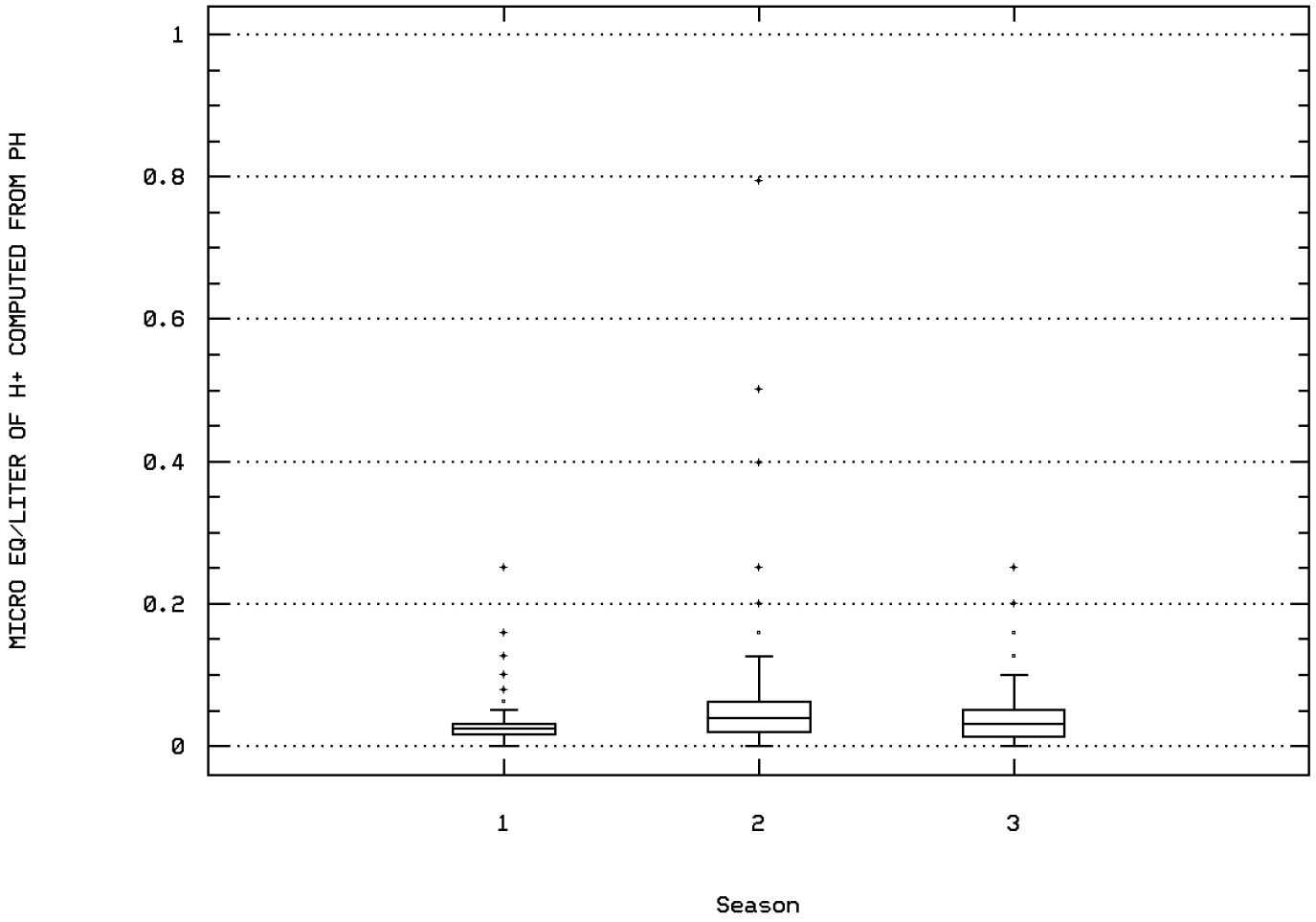
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00300

OXYGEN, DISSOLVED



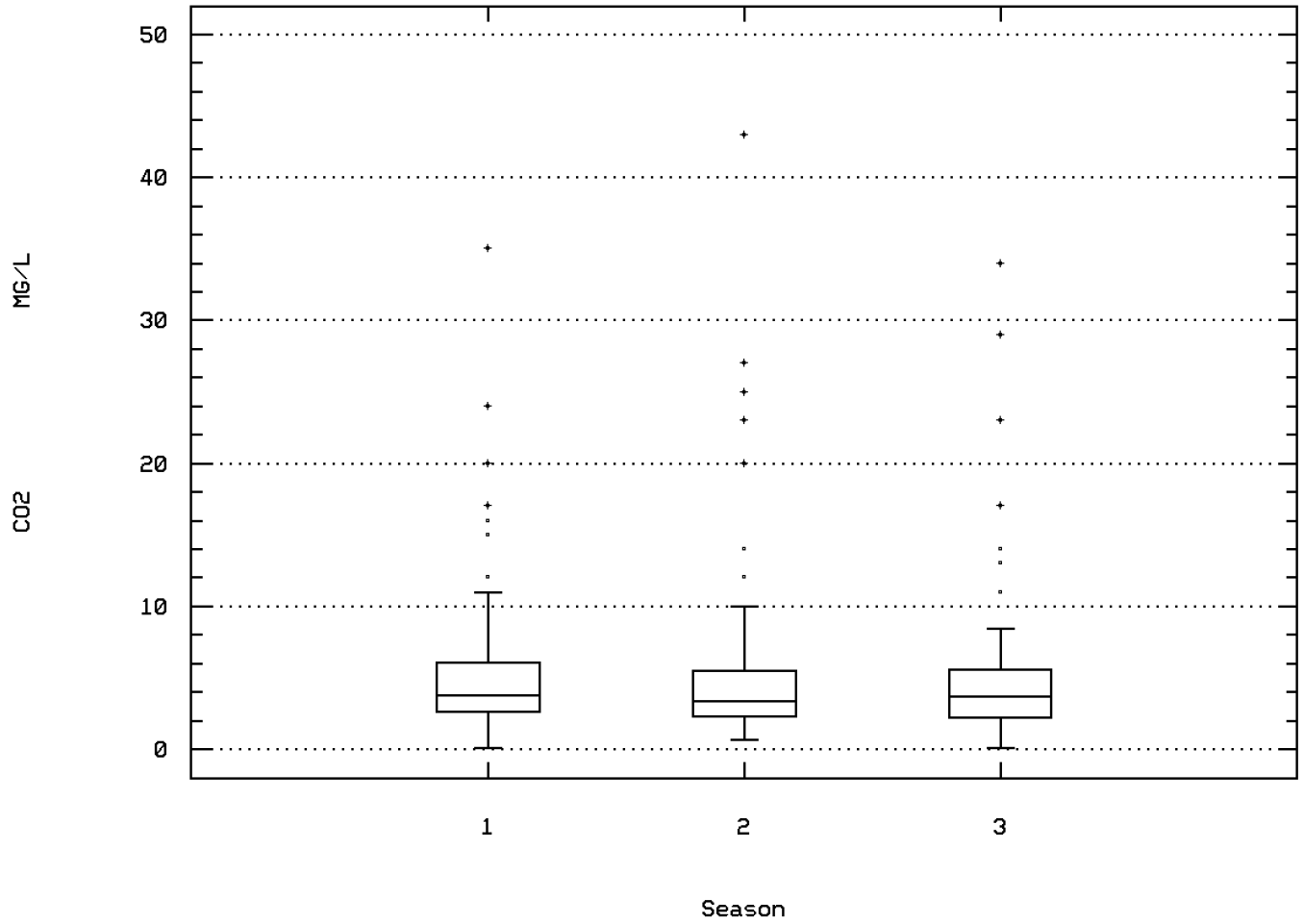
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00405

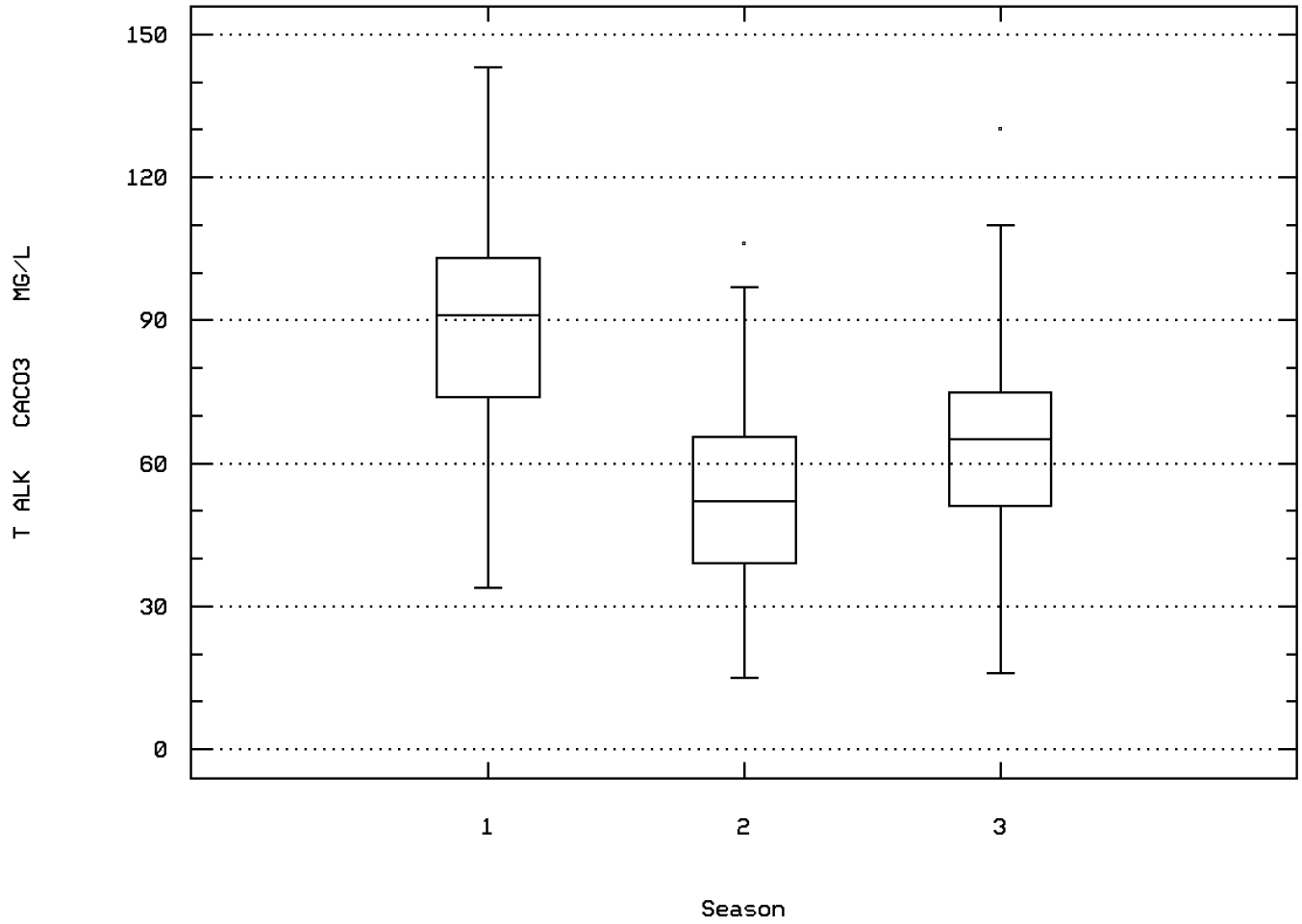
CARBON DIOXIDE (MG/L AS CO2)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00410

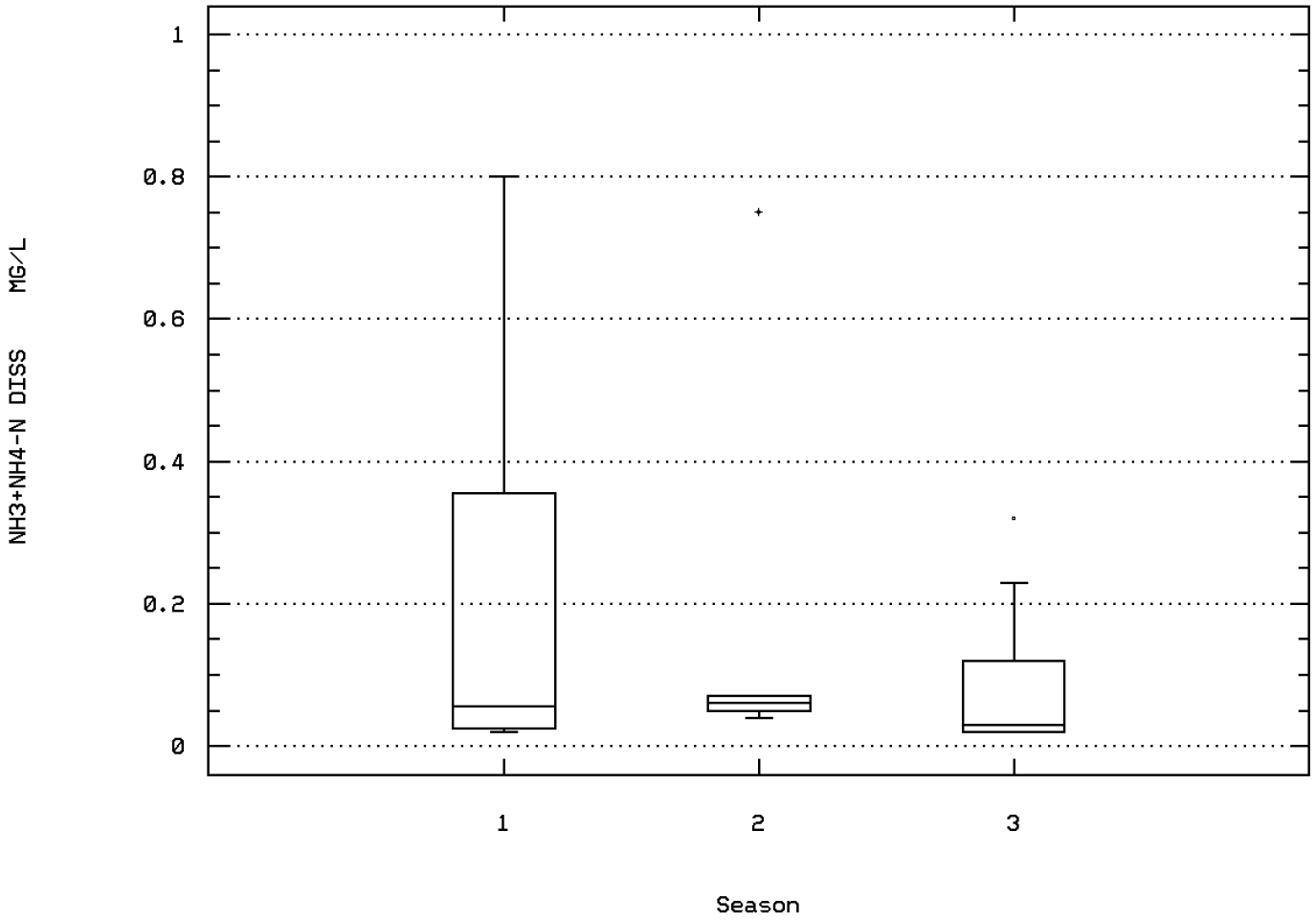
ALKALINITY, TOTAL (MG/L AS CACO3)



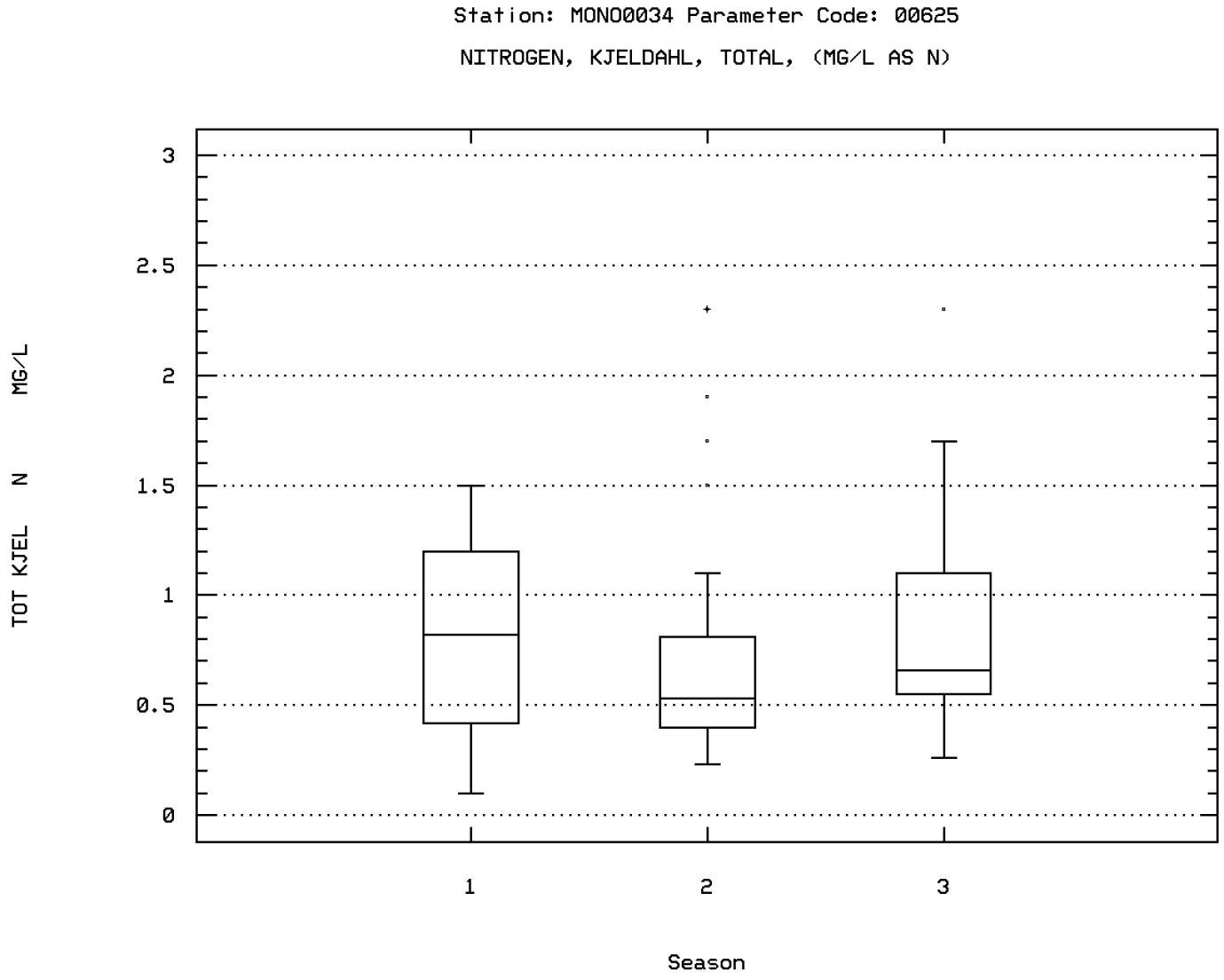
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00608

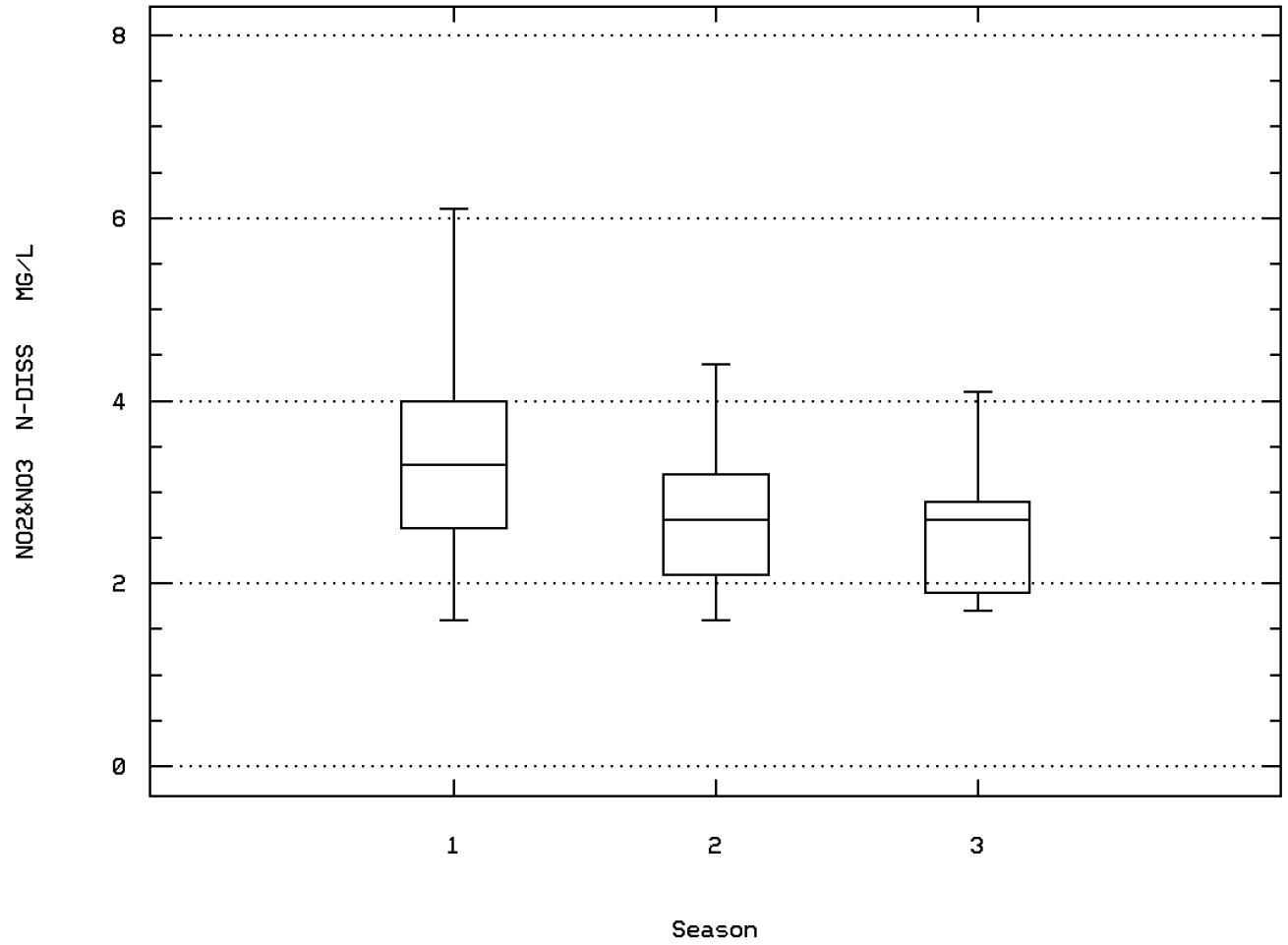
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



MONOCACY R AT REICHS FORD BRIDGE NR FRE



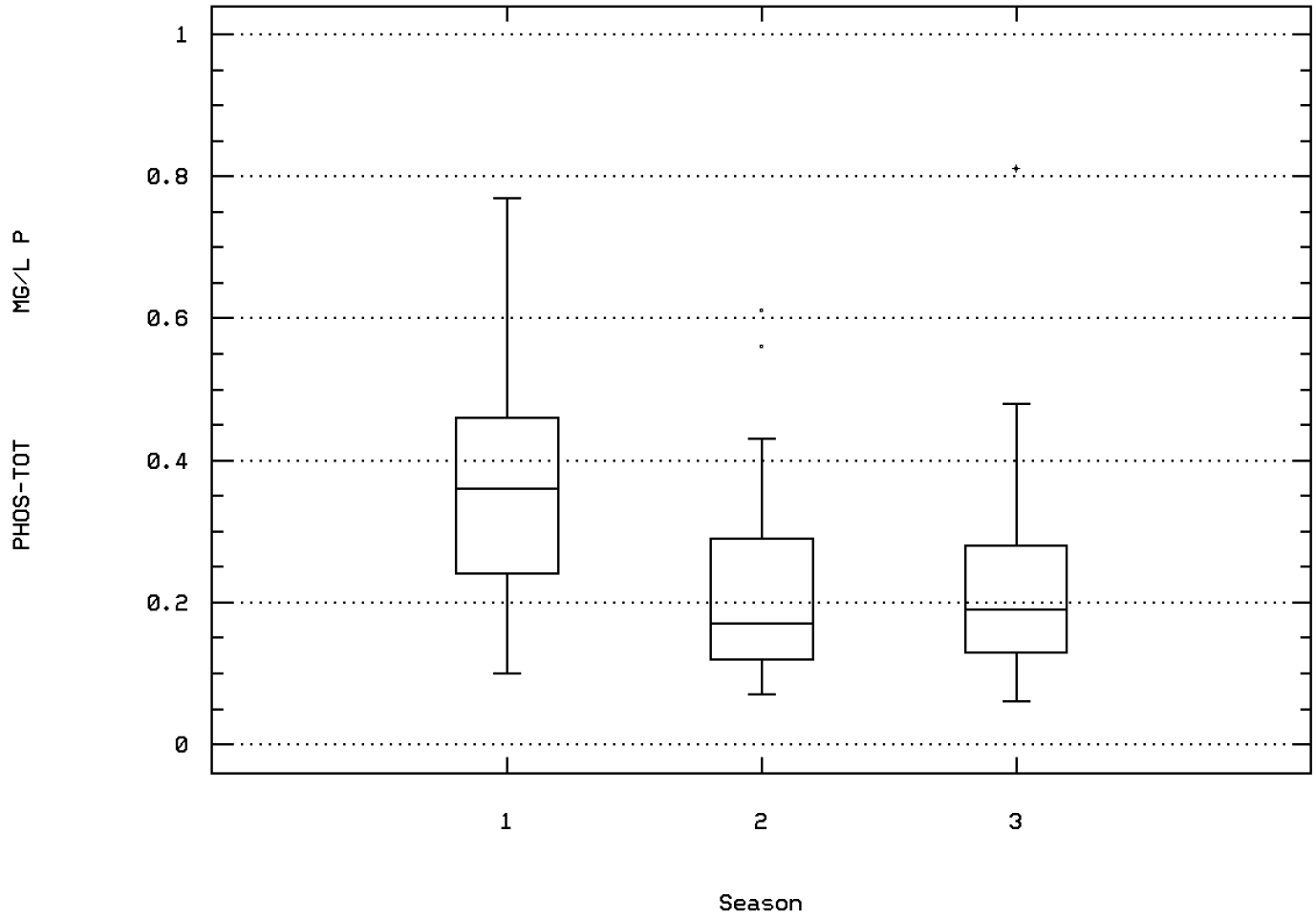
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00665

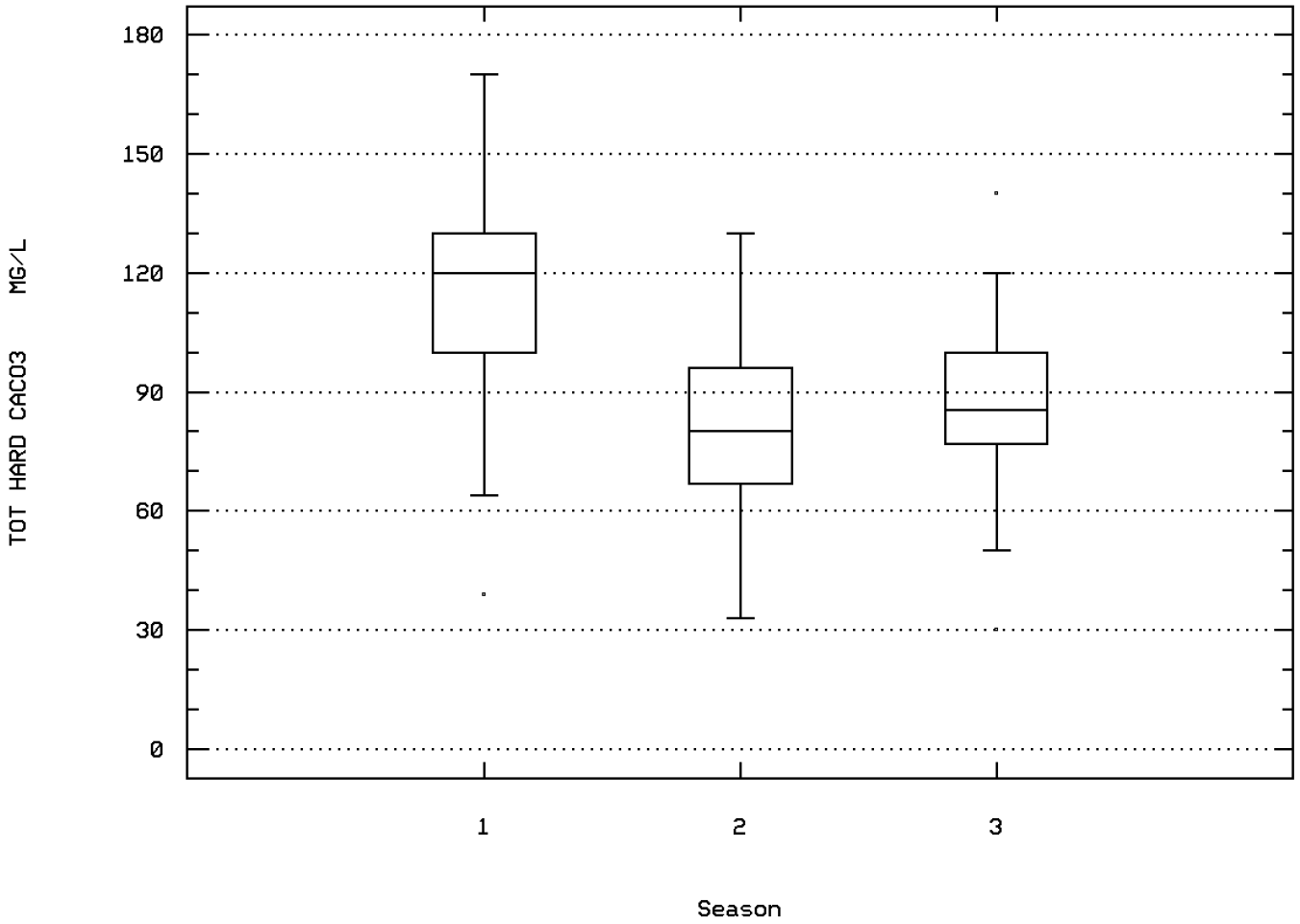
PHOSPHORUS, TOTAL (MG/L AS P)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00900

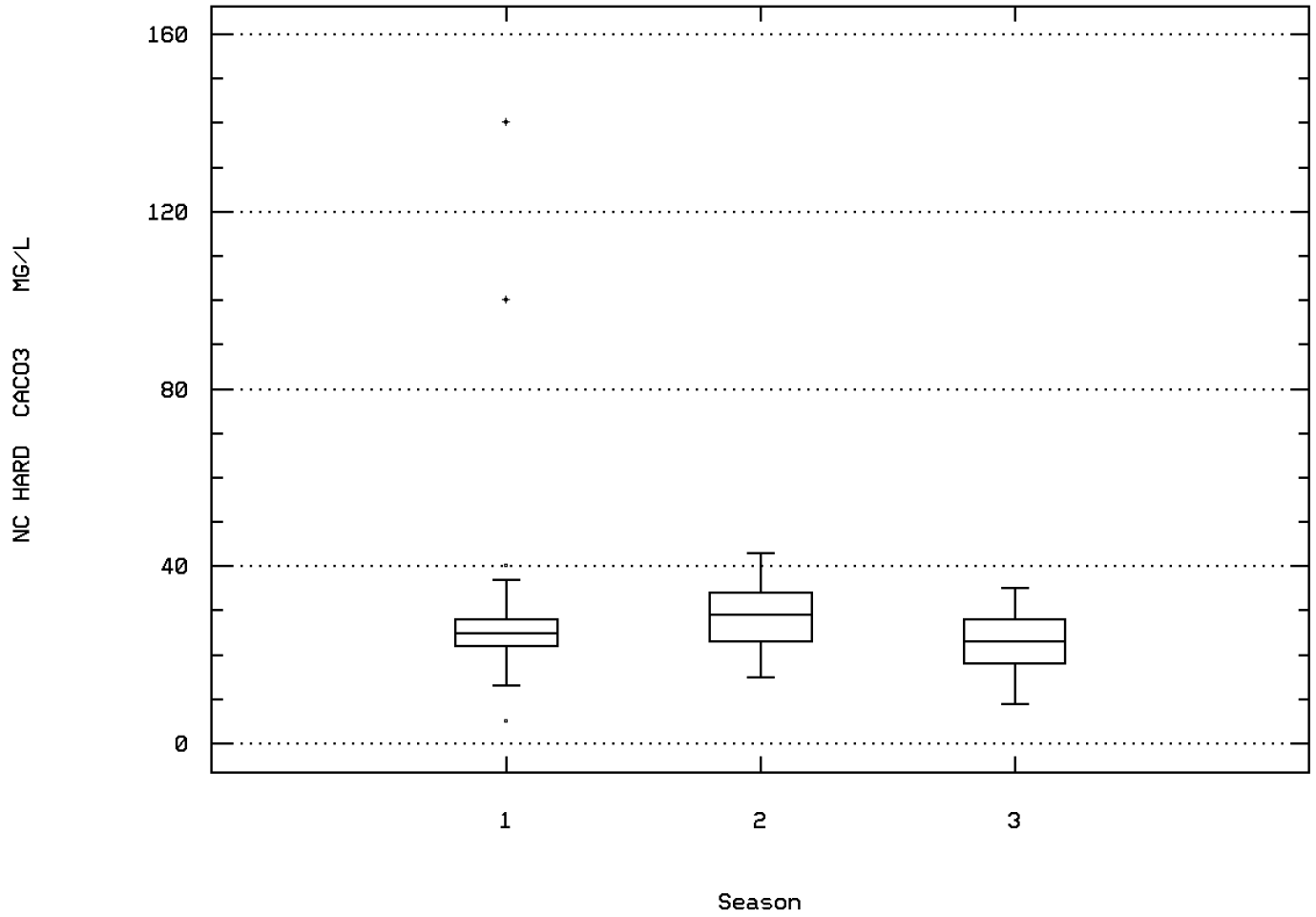
HARDNESS, TOTAL (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00902

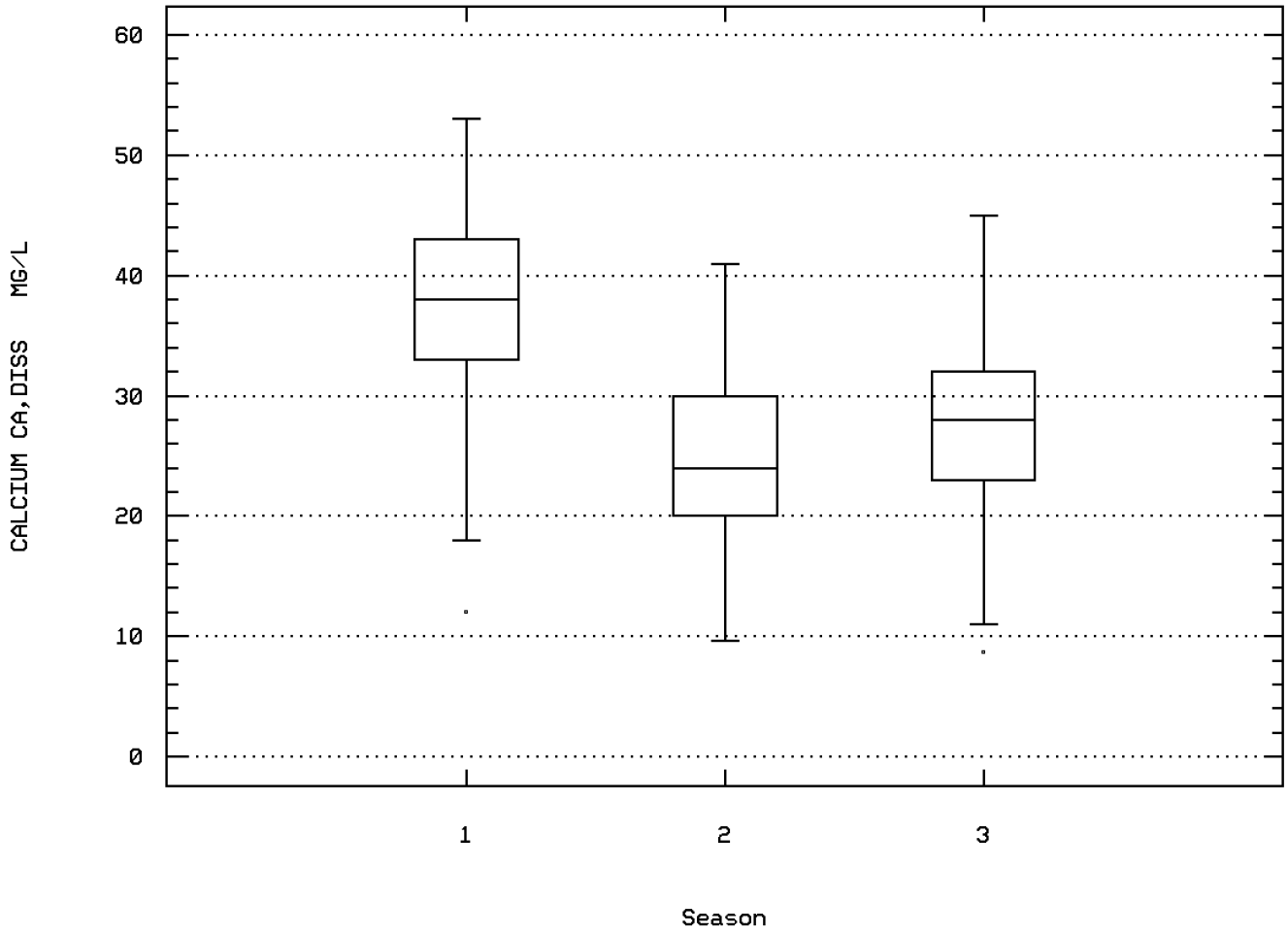
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00915

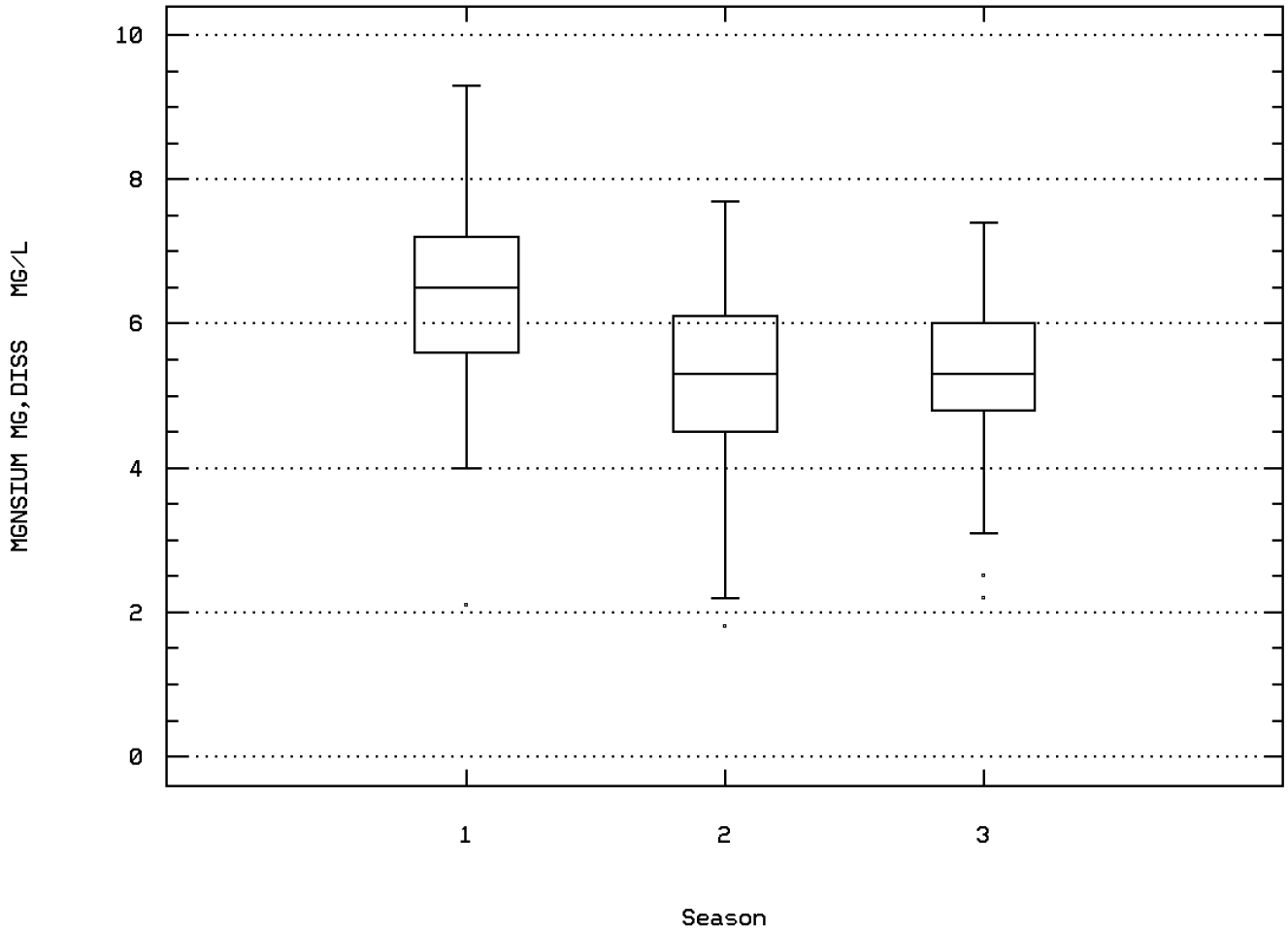
CALCIUM, DISSOLVED (MG/L AS CA)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00925

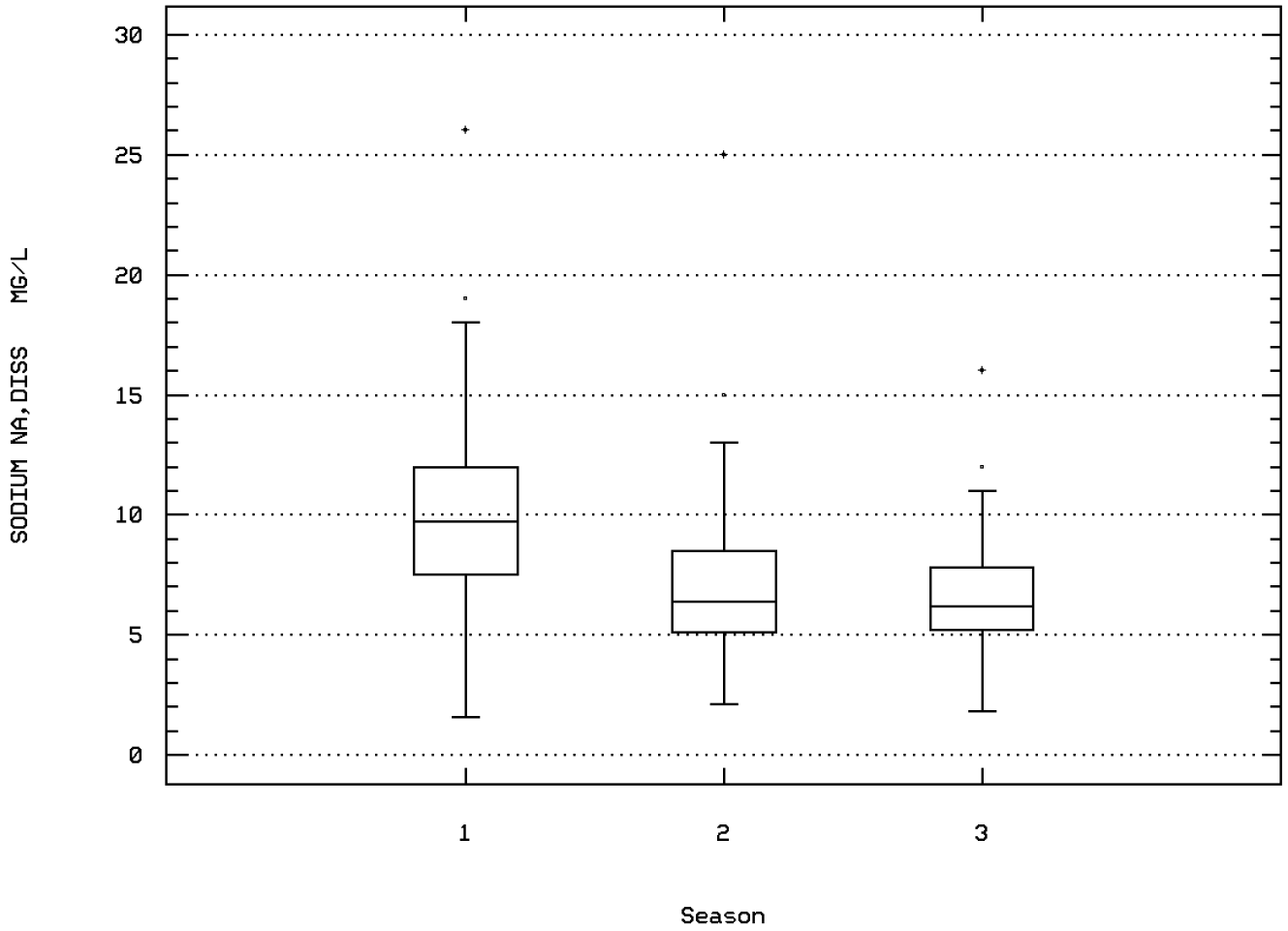
MAGNESIUM, DISSOLVED (MG/L AS MG)



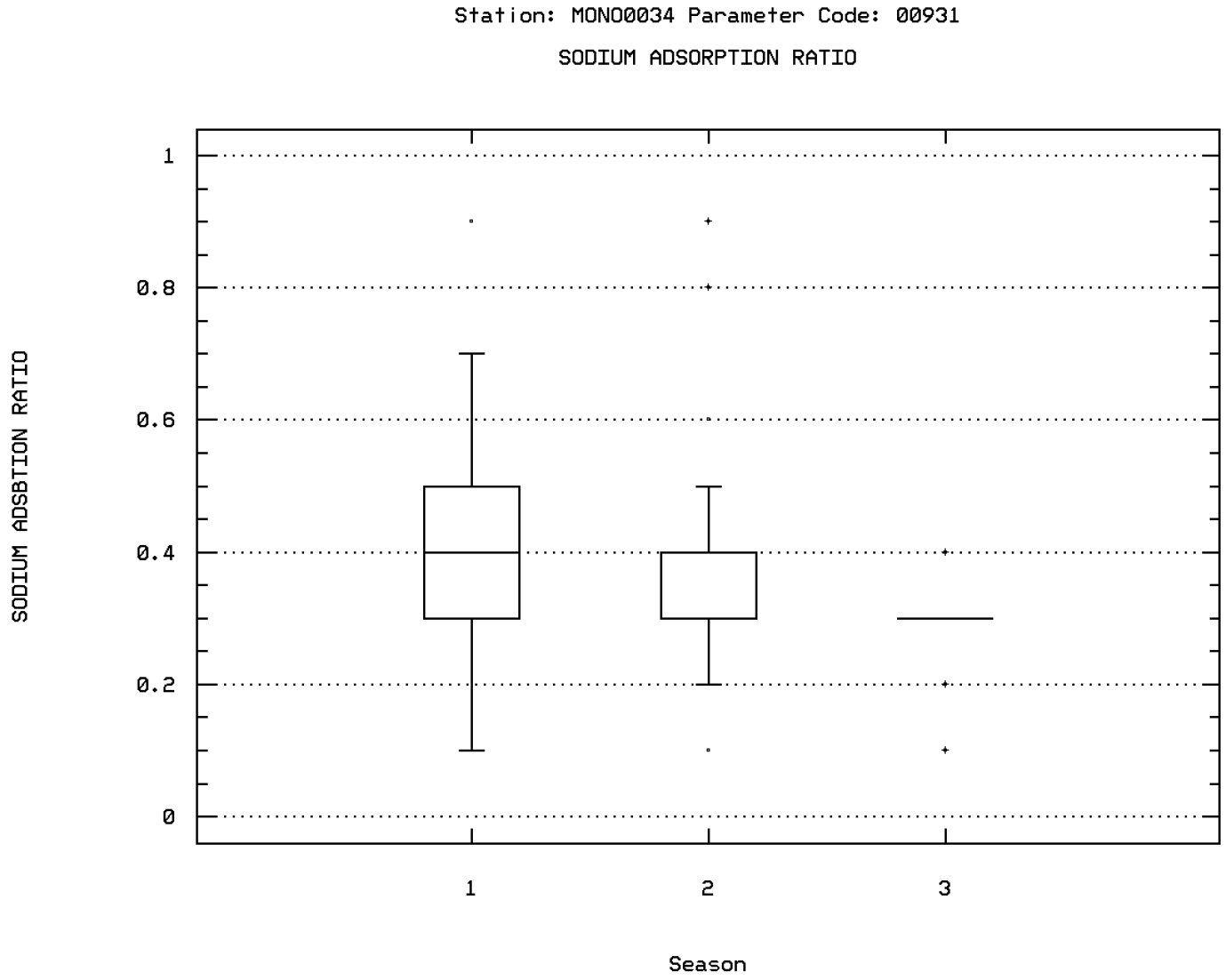
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00930

SODIUM, DISSOLVED (MG/L AS NA)



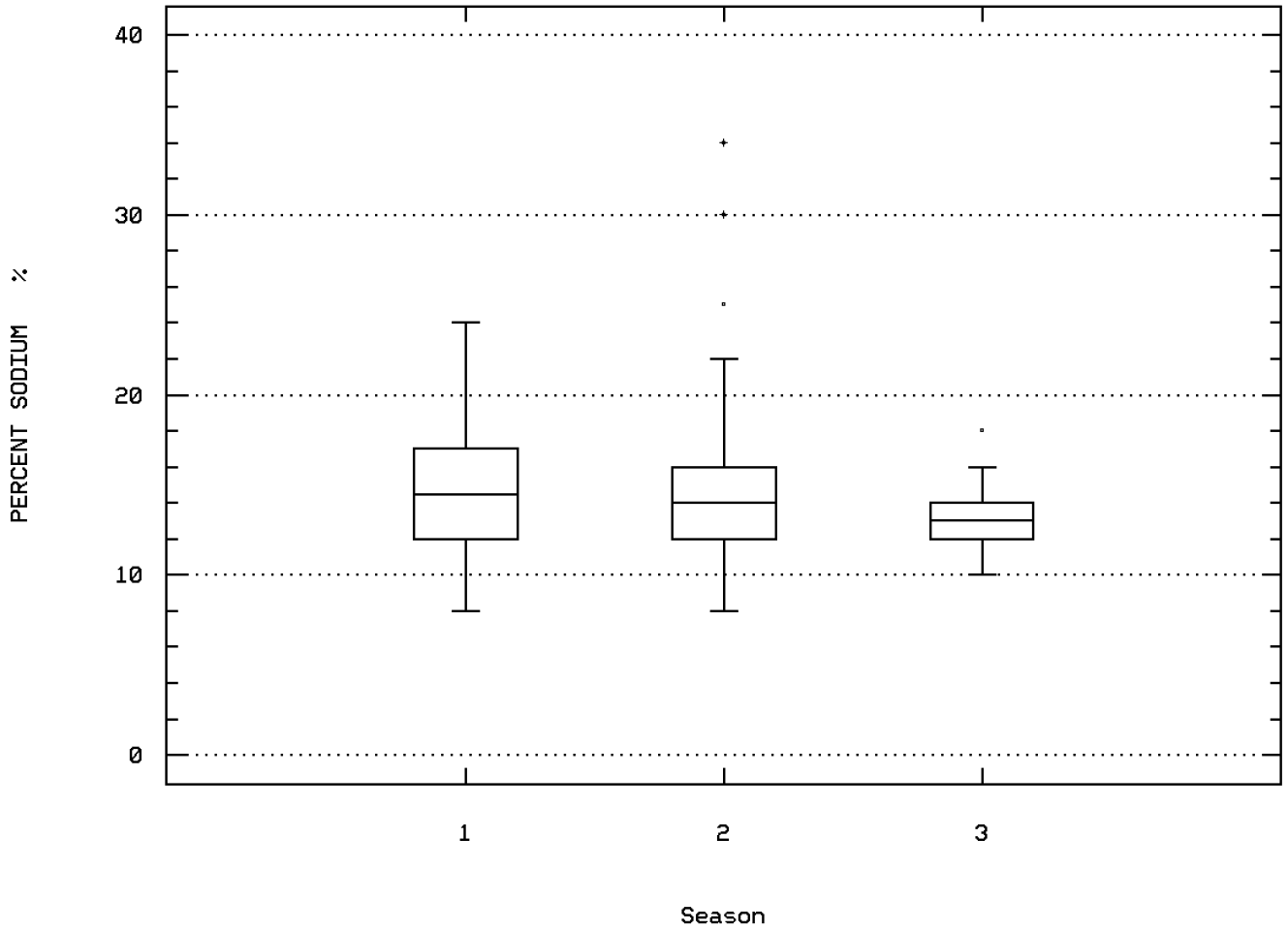
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00932

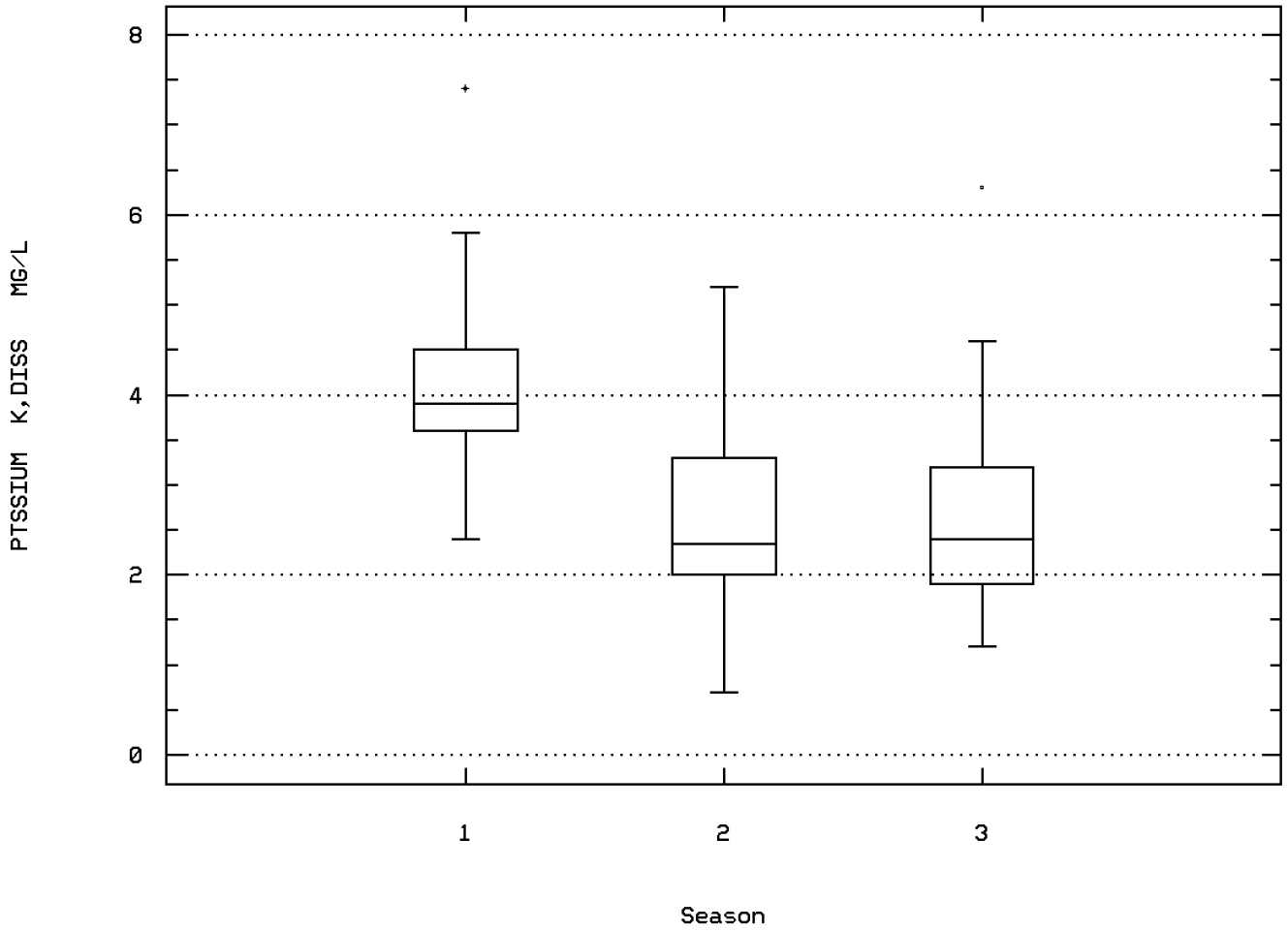
SODIUM, PERCENT



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00935

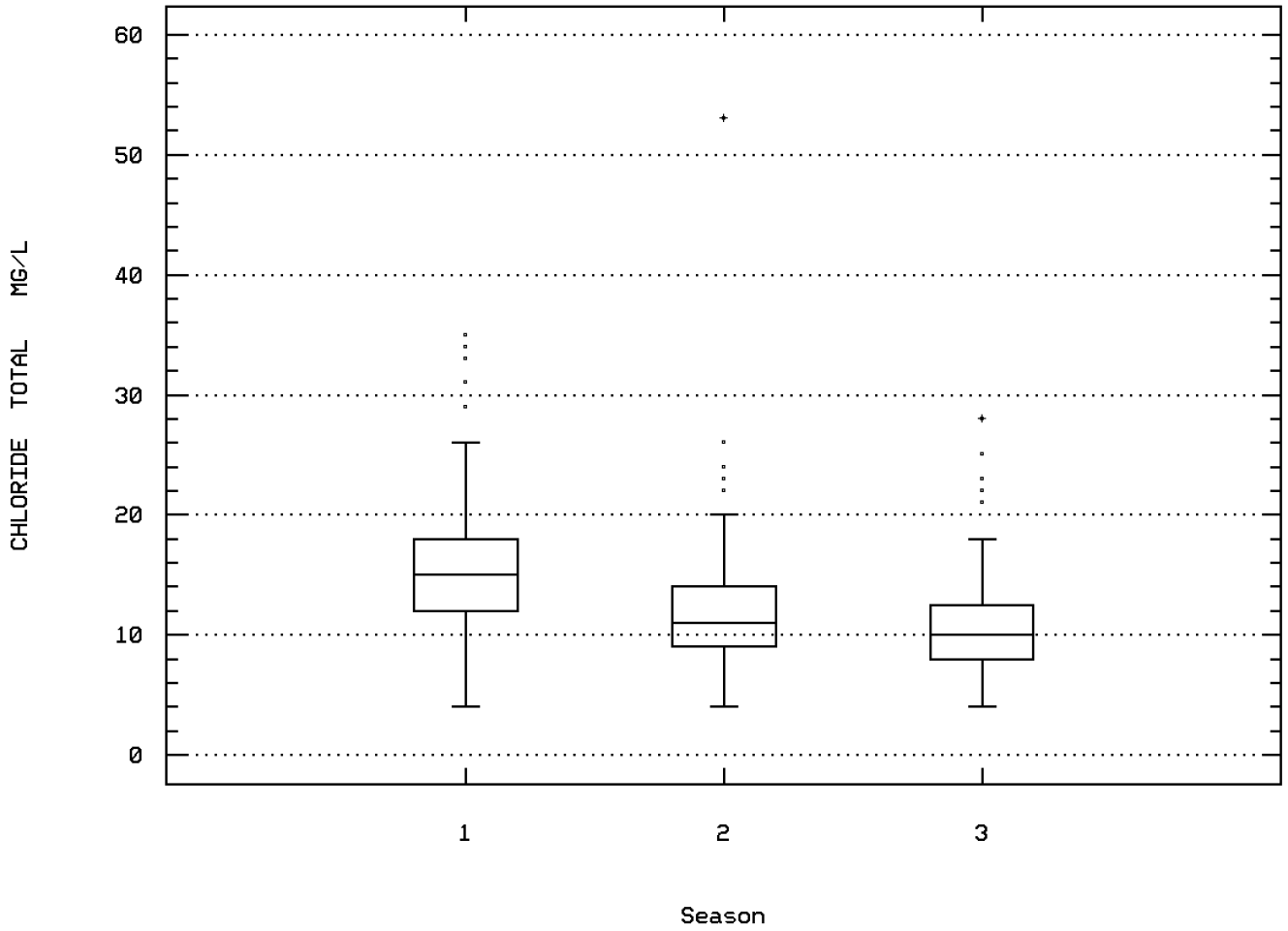
POTASSIUM, DISSOLVED (MG/L AS K)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00940

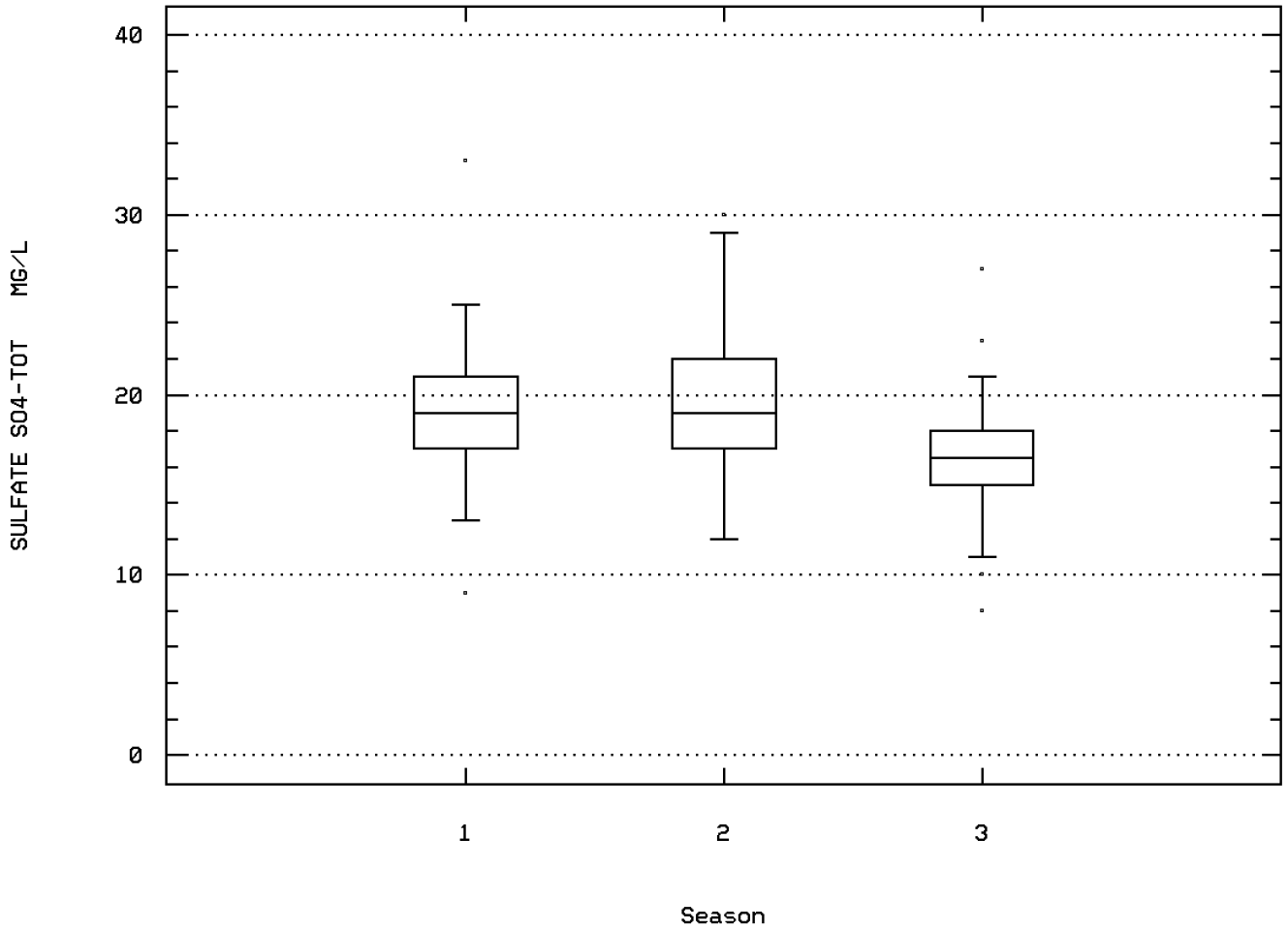
CHLORIDE,TOTAL IN WATER



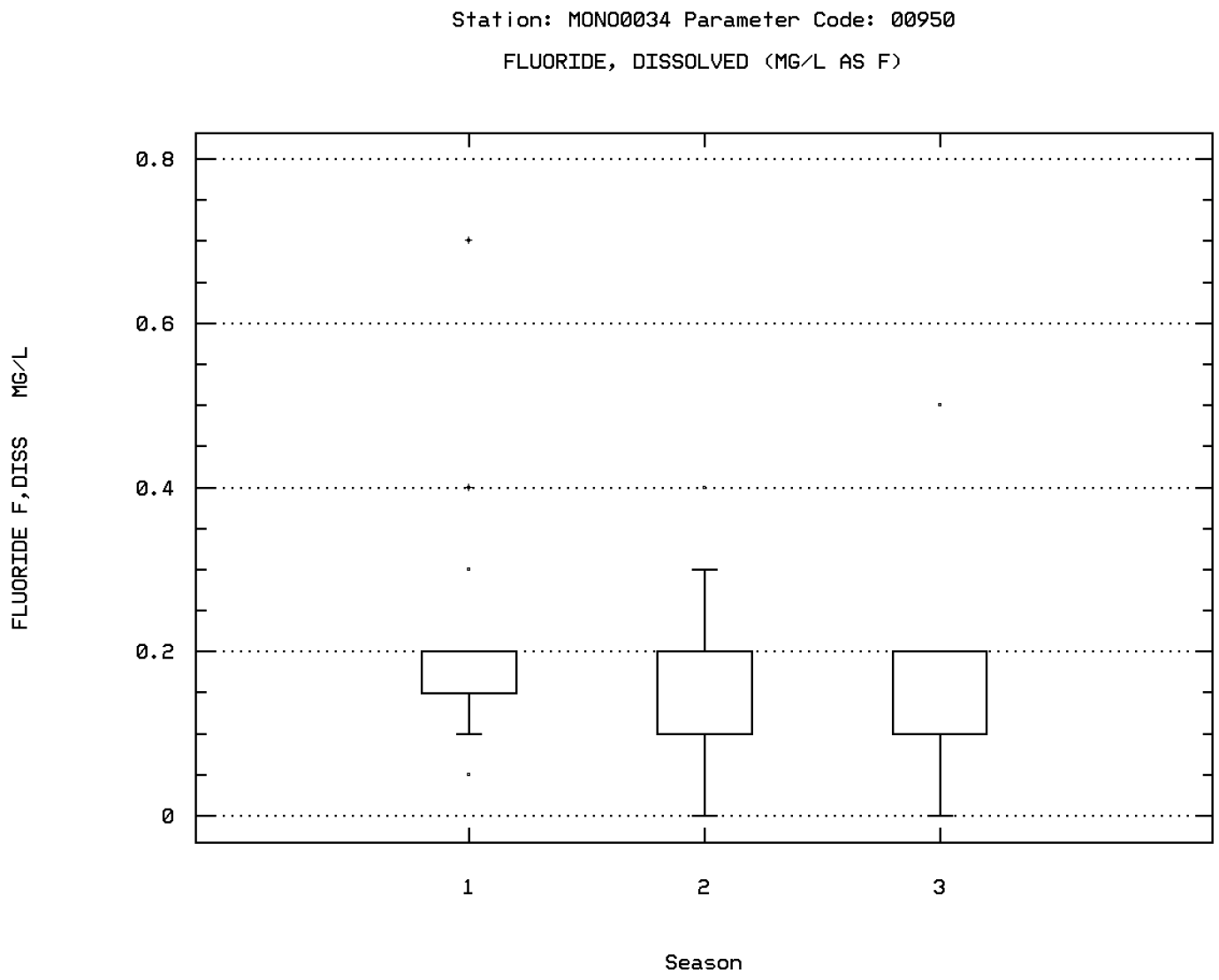
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



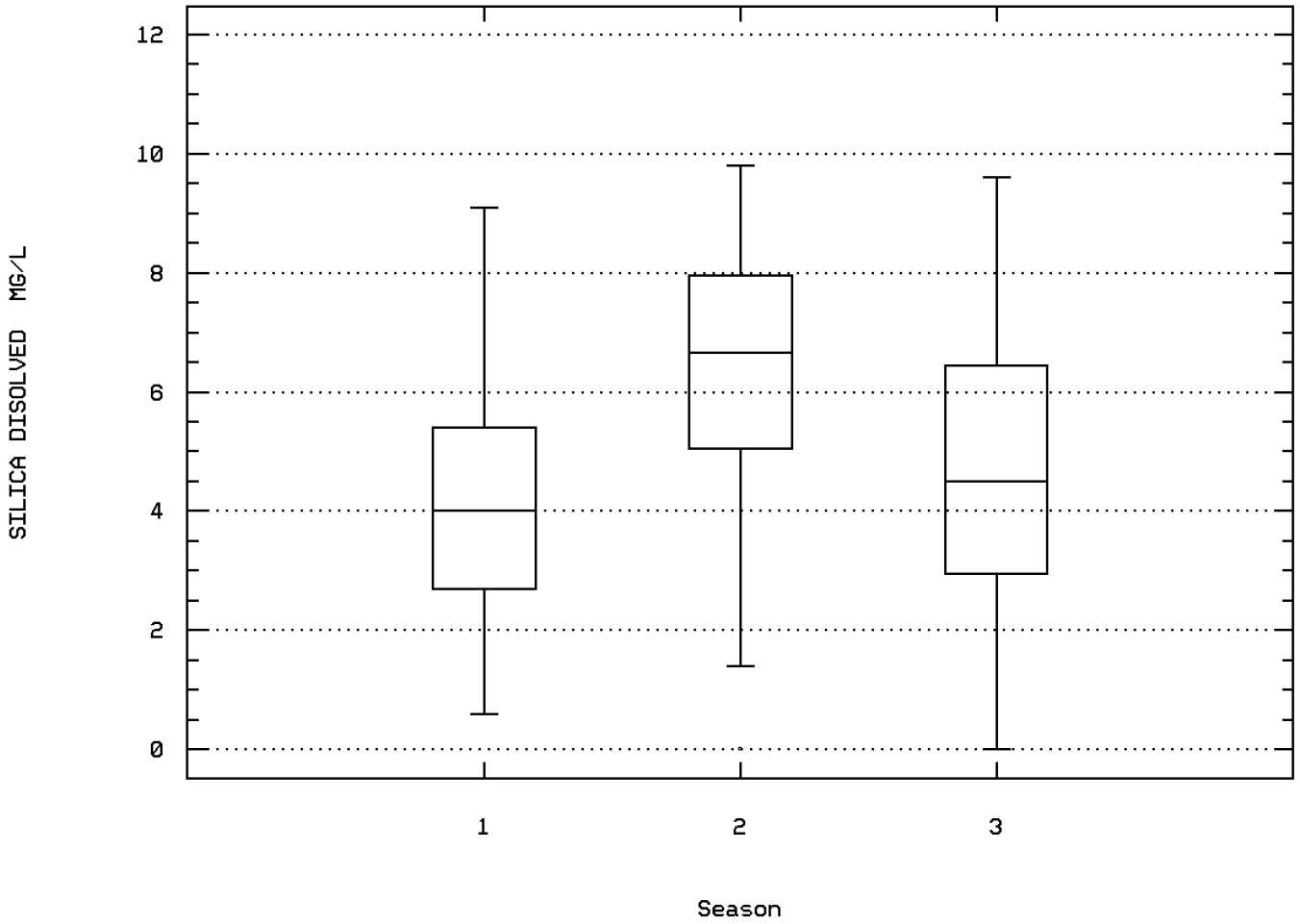
MONOCACY R AT REICHS FORD BRIDGE NR FRE



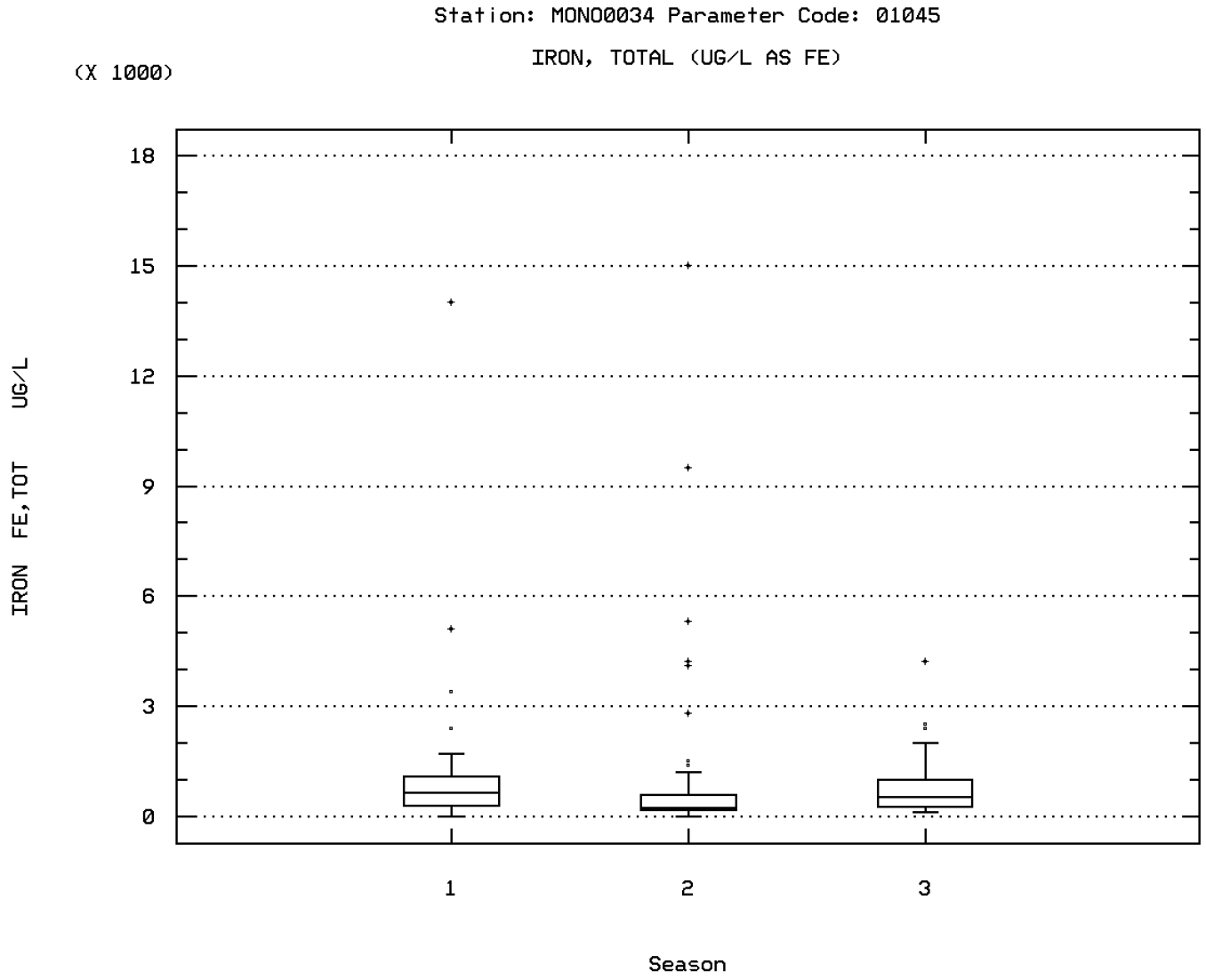
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



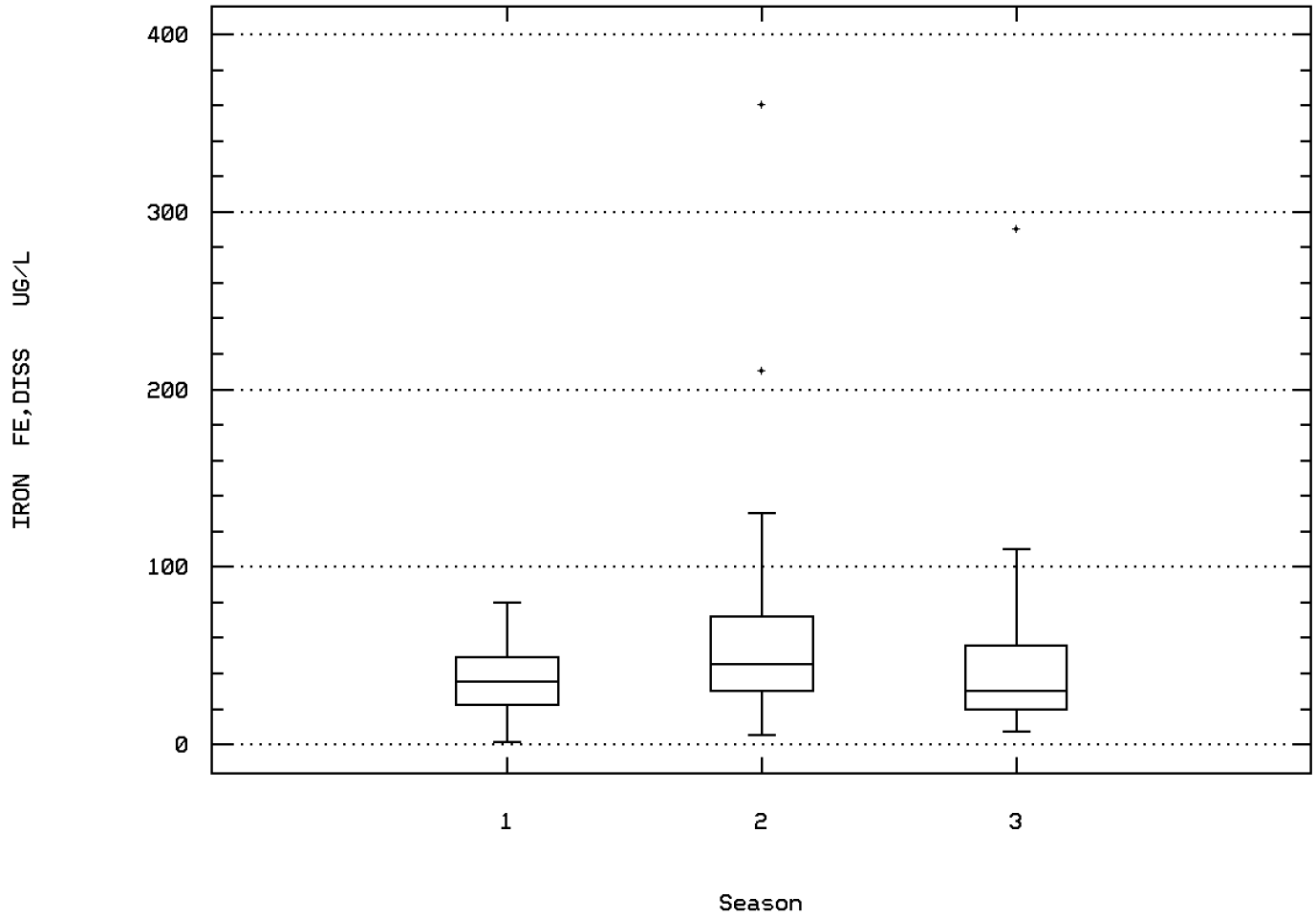
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01046

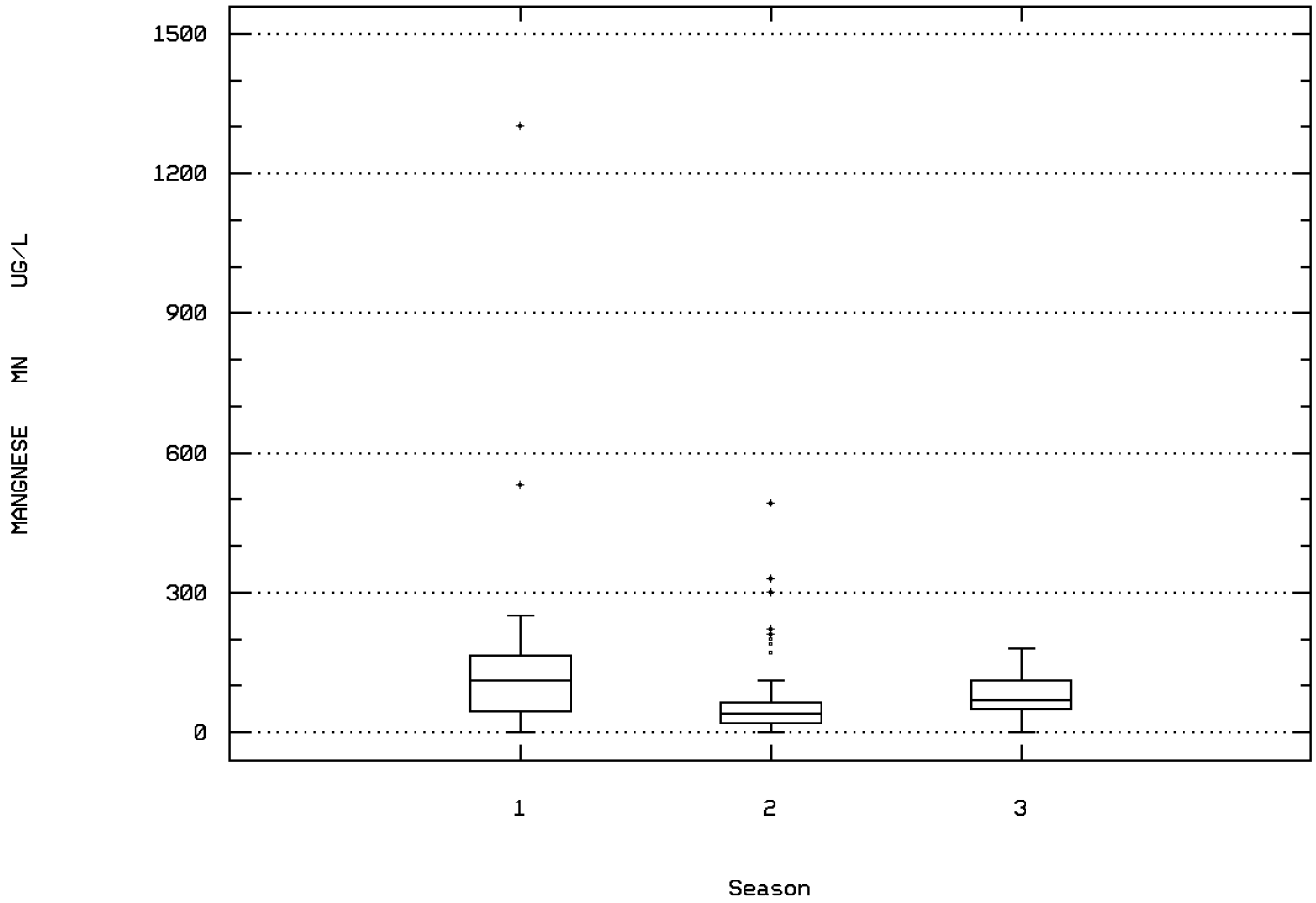
IRON, DISSOLVED (UG/L AS FE)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01055

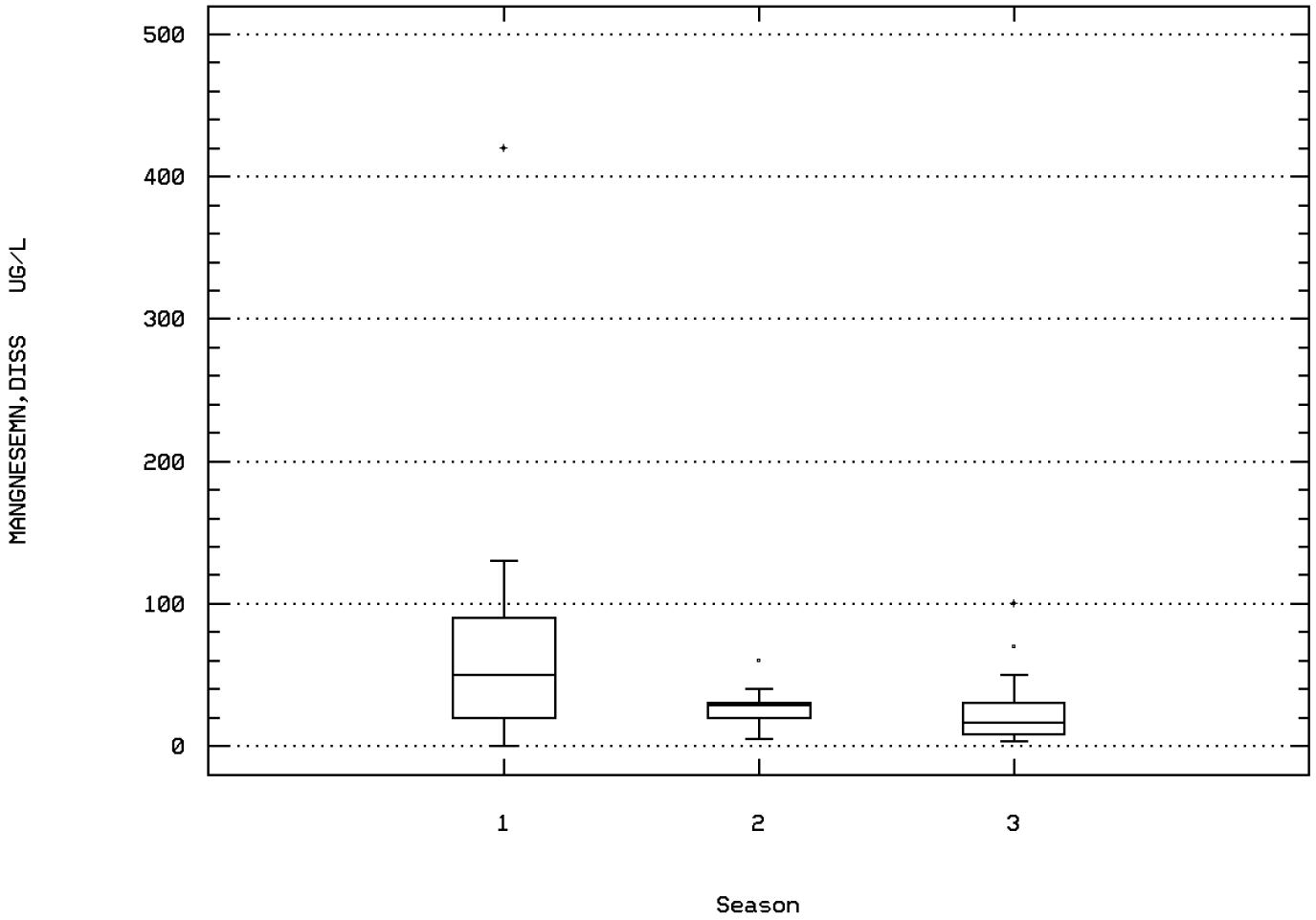
MANGANESE, TOTAL (UG/L AS MN)



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 01056

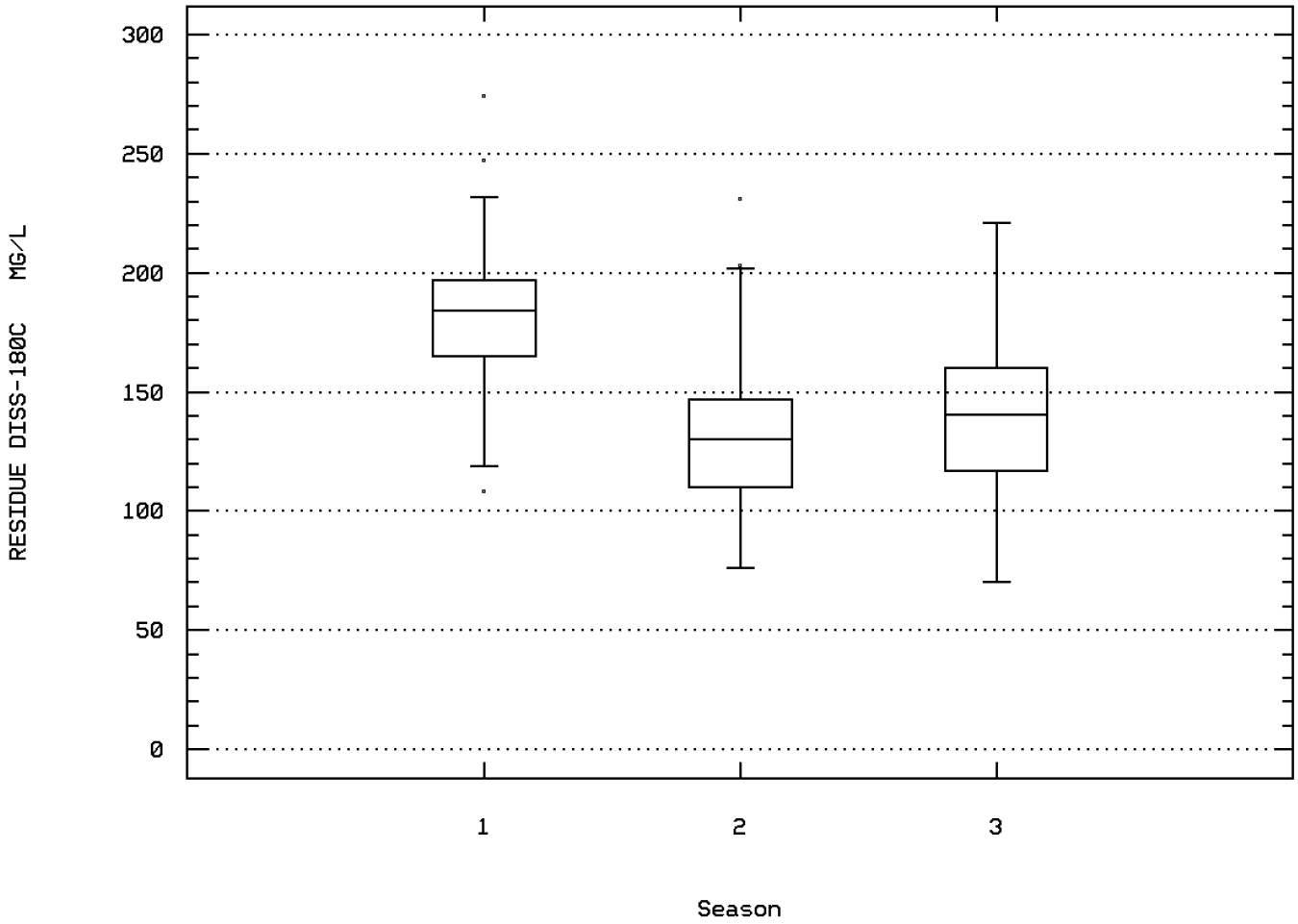
MANGANESE, DISSOLVED (UG/L AS MN)



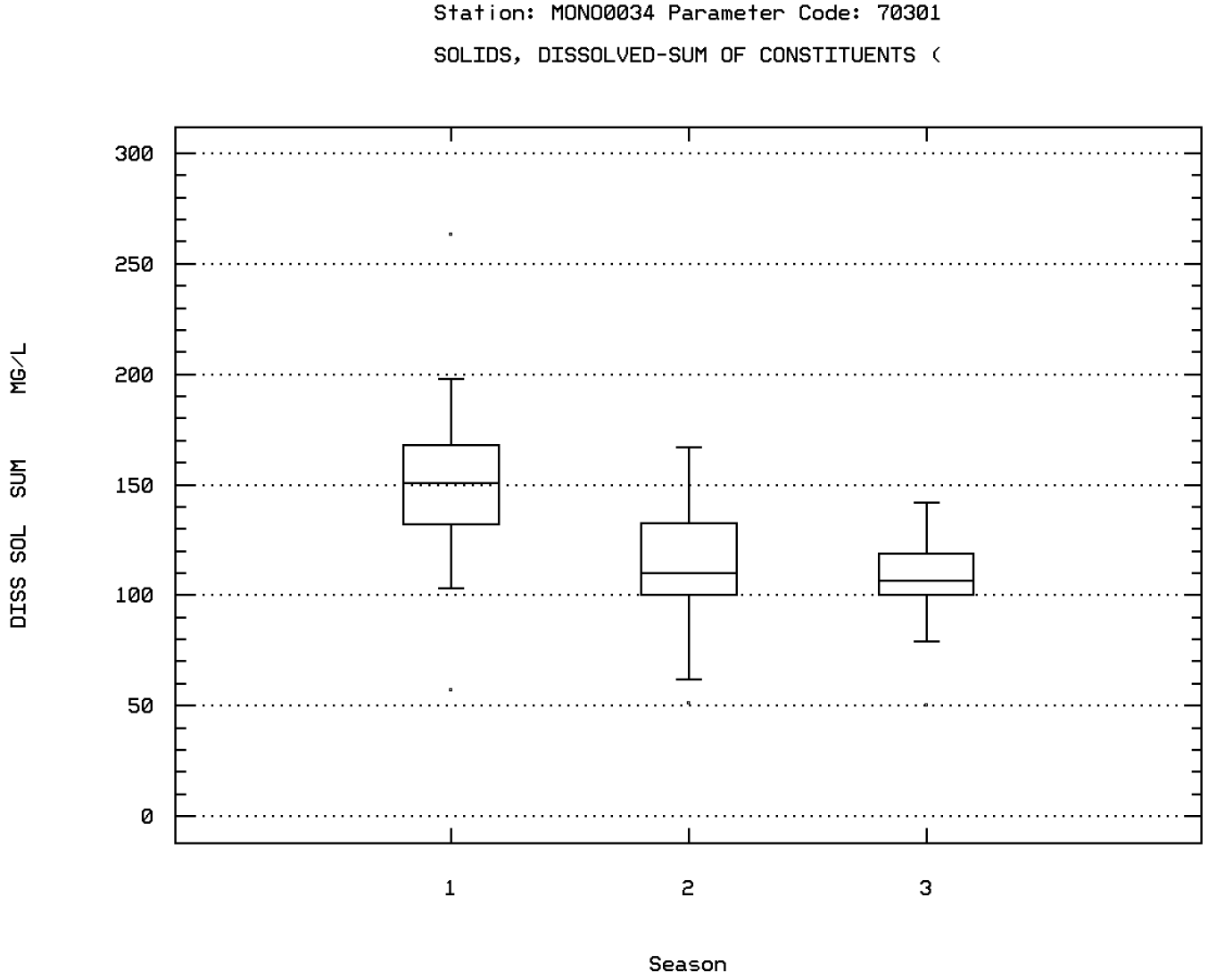
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70300

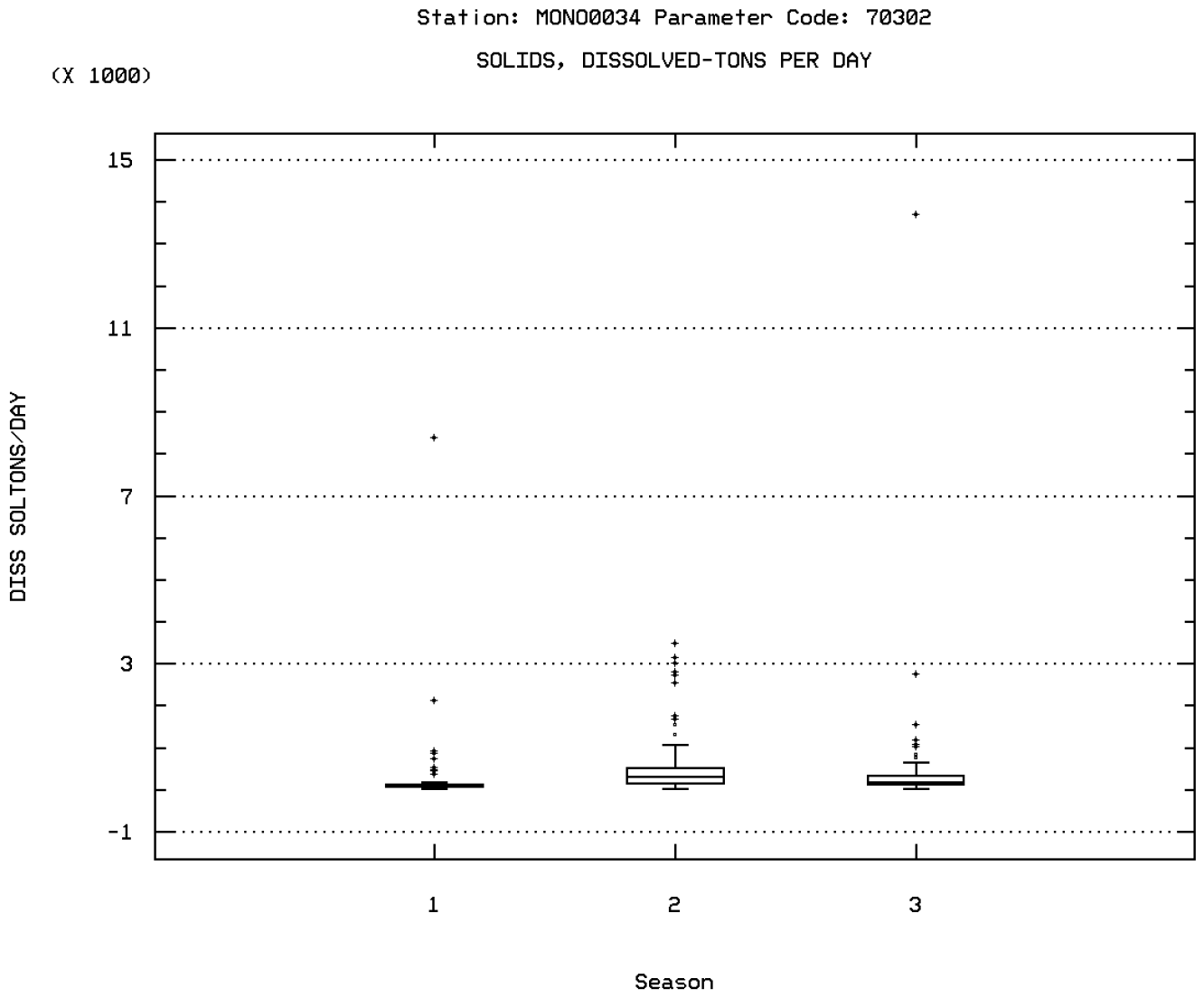
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



MONOCACY R AT REICHS FORD BRIDGE NR FRE



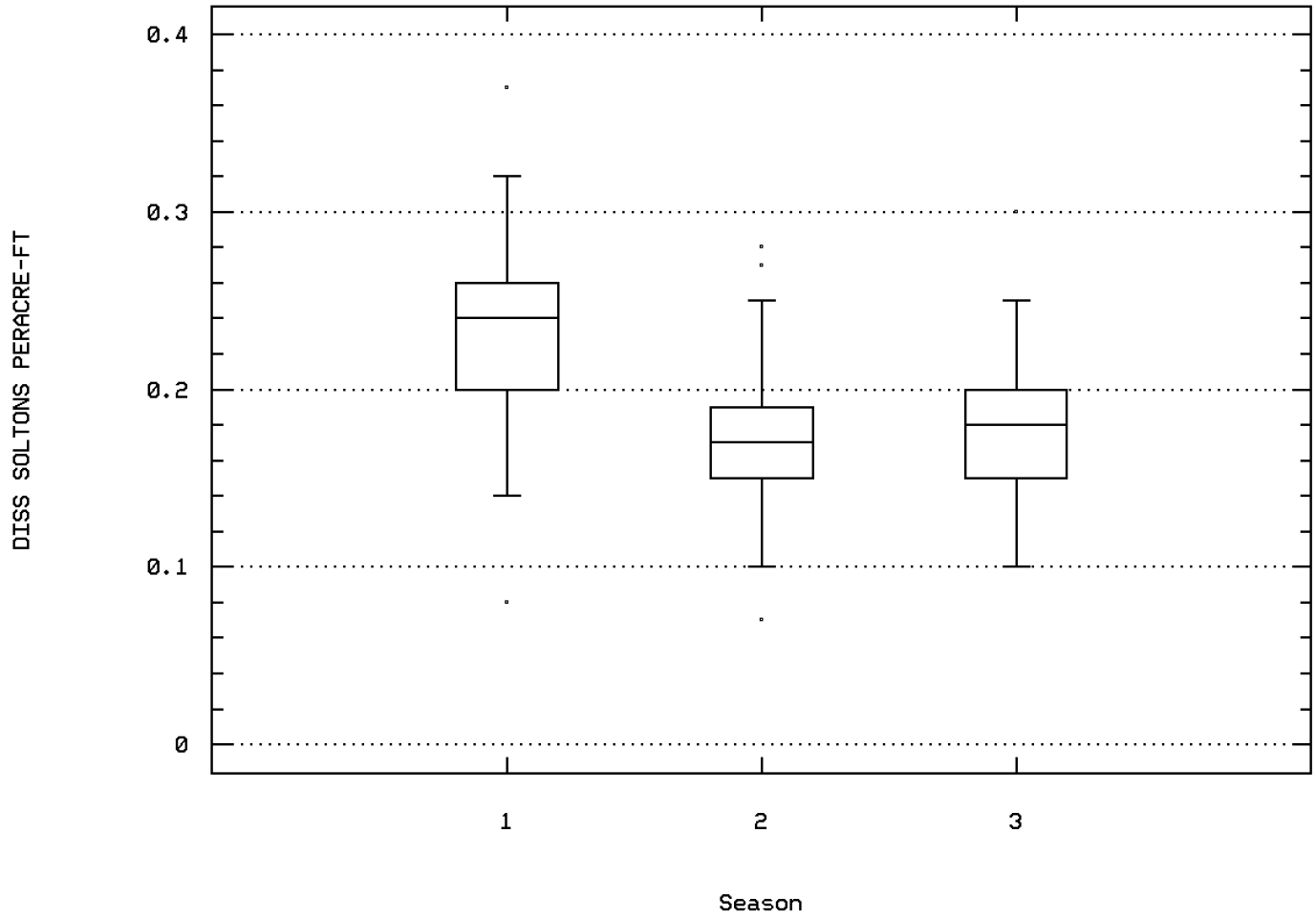
MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70303

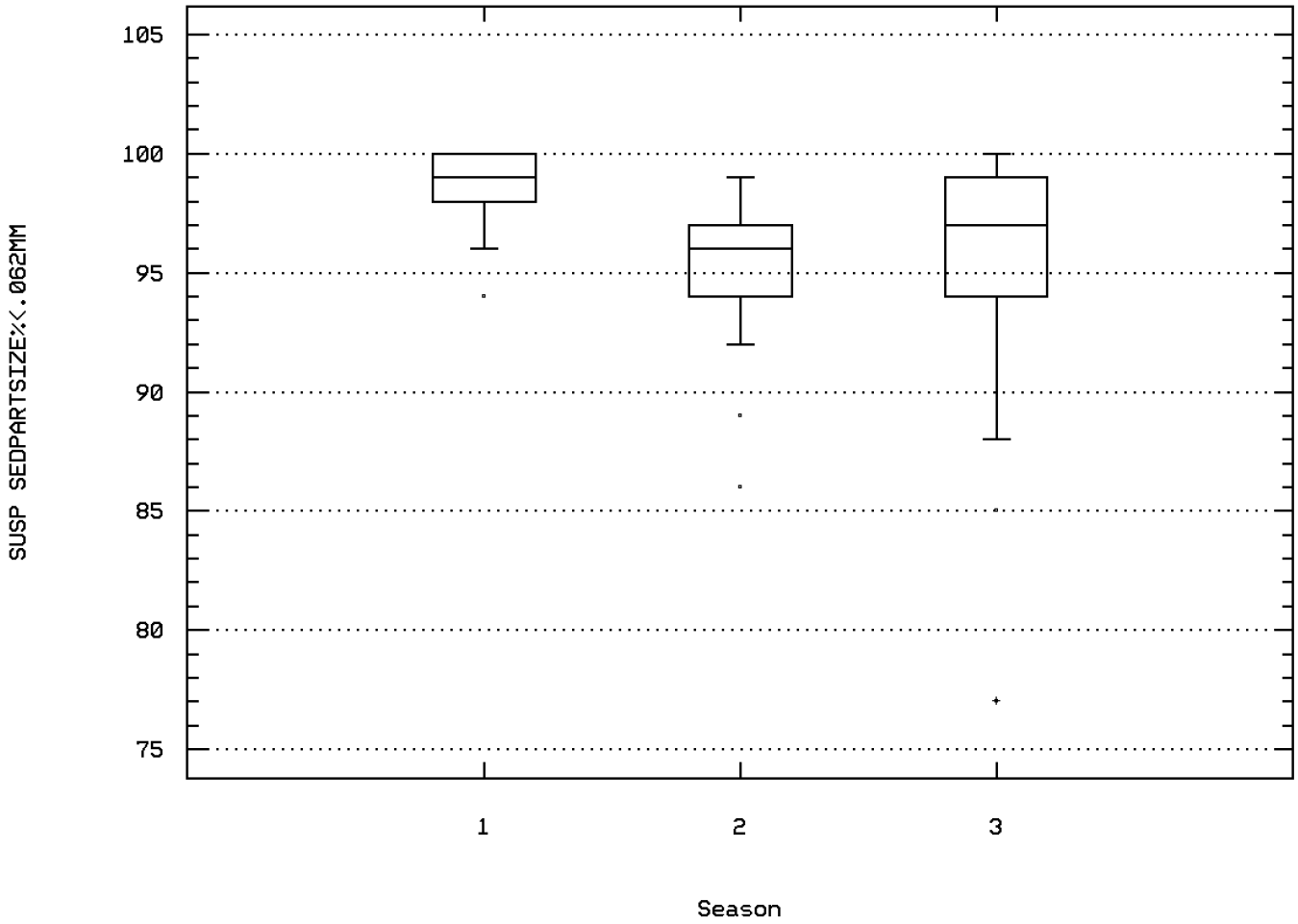
SOLIDS, DISSOLVED-TONS PER ACRE-FT



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70331

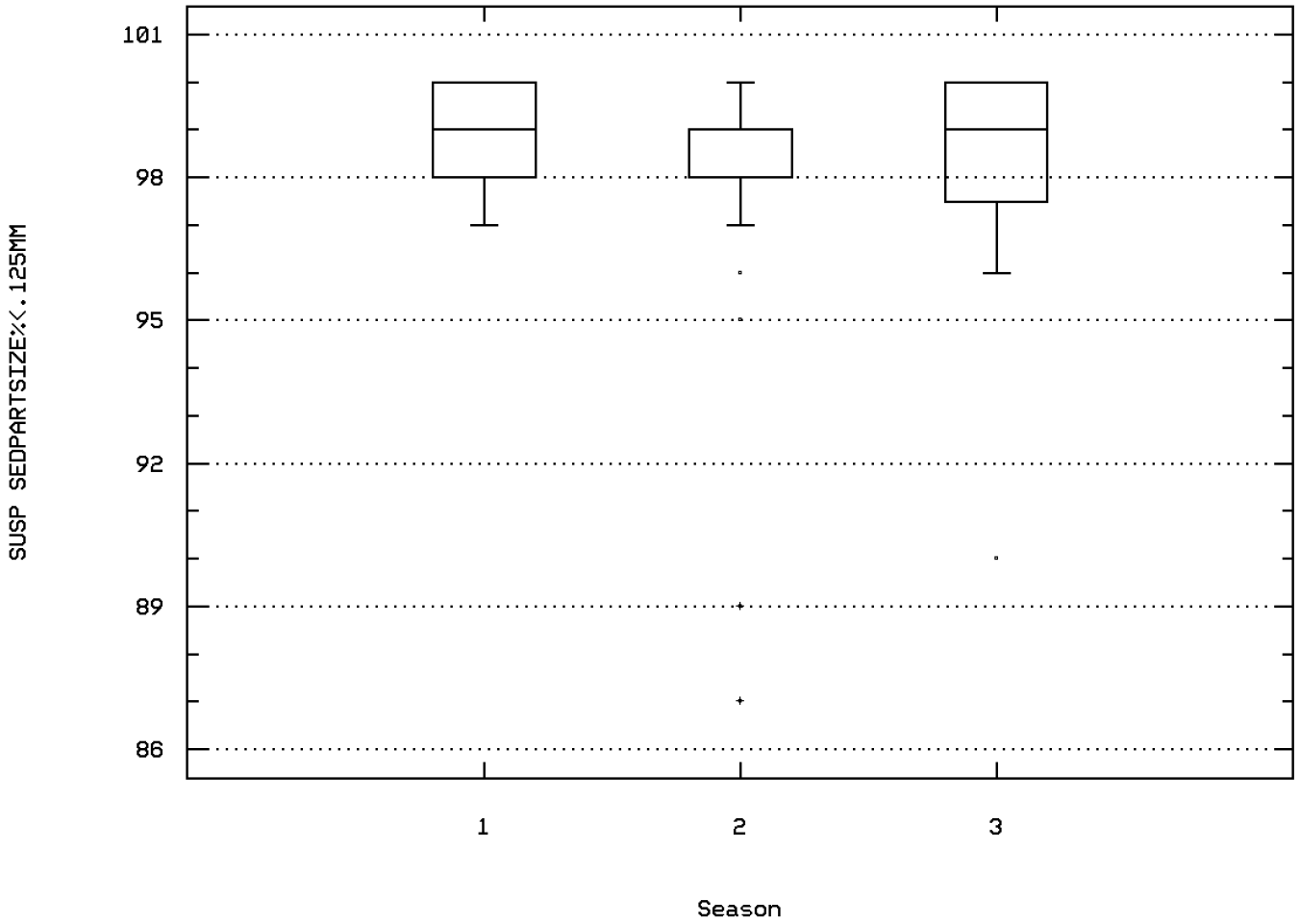
SUSPENDED SED SIEVE DIAMETER,% FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70332

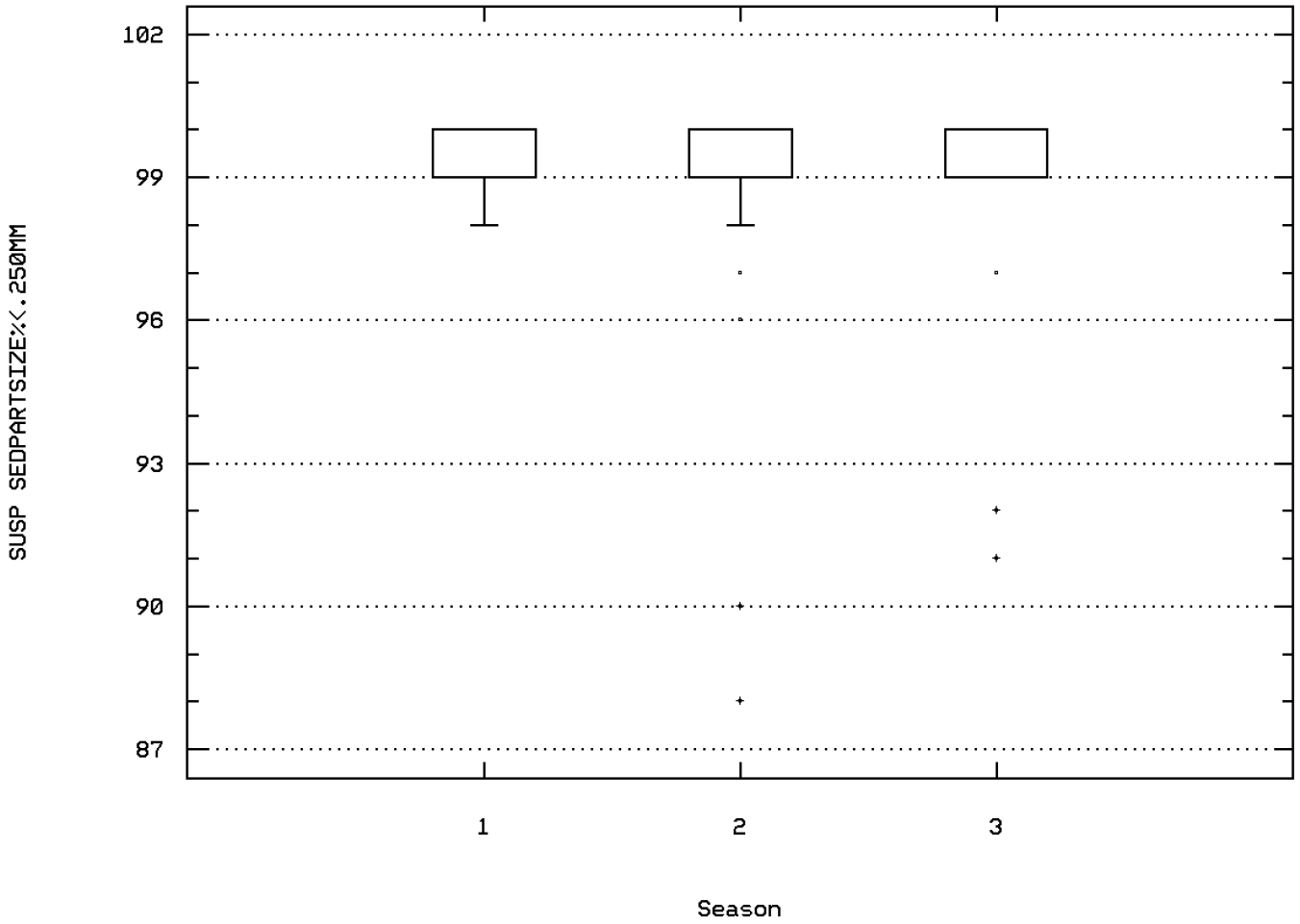
SUSPENDED SED SIEVE DIAMETER,% FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70333

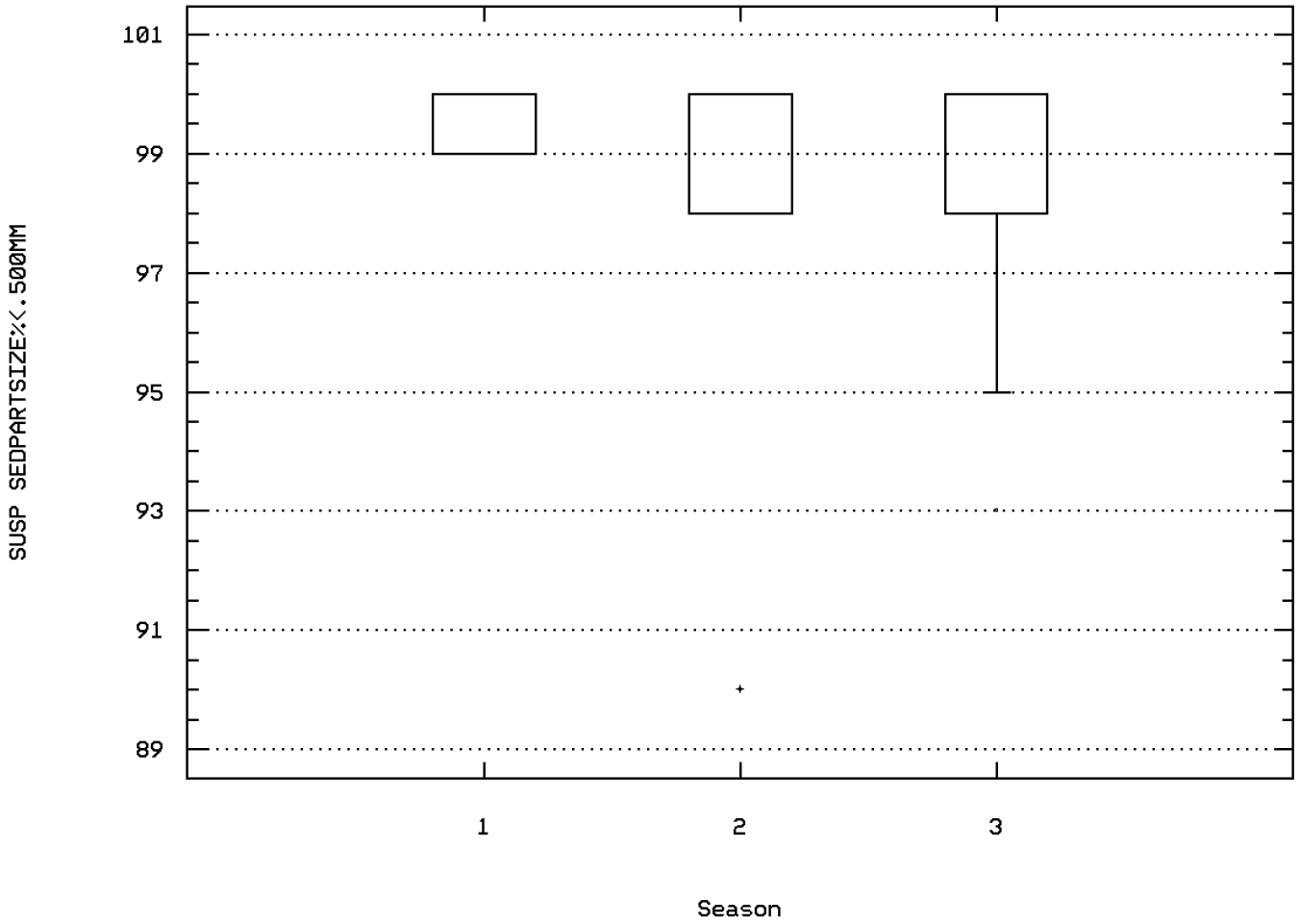
SUSPENDED SED SIEVE DIAMETER,% FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70334

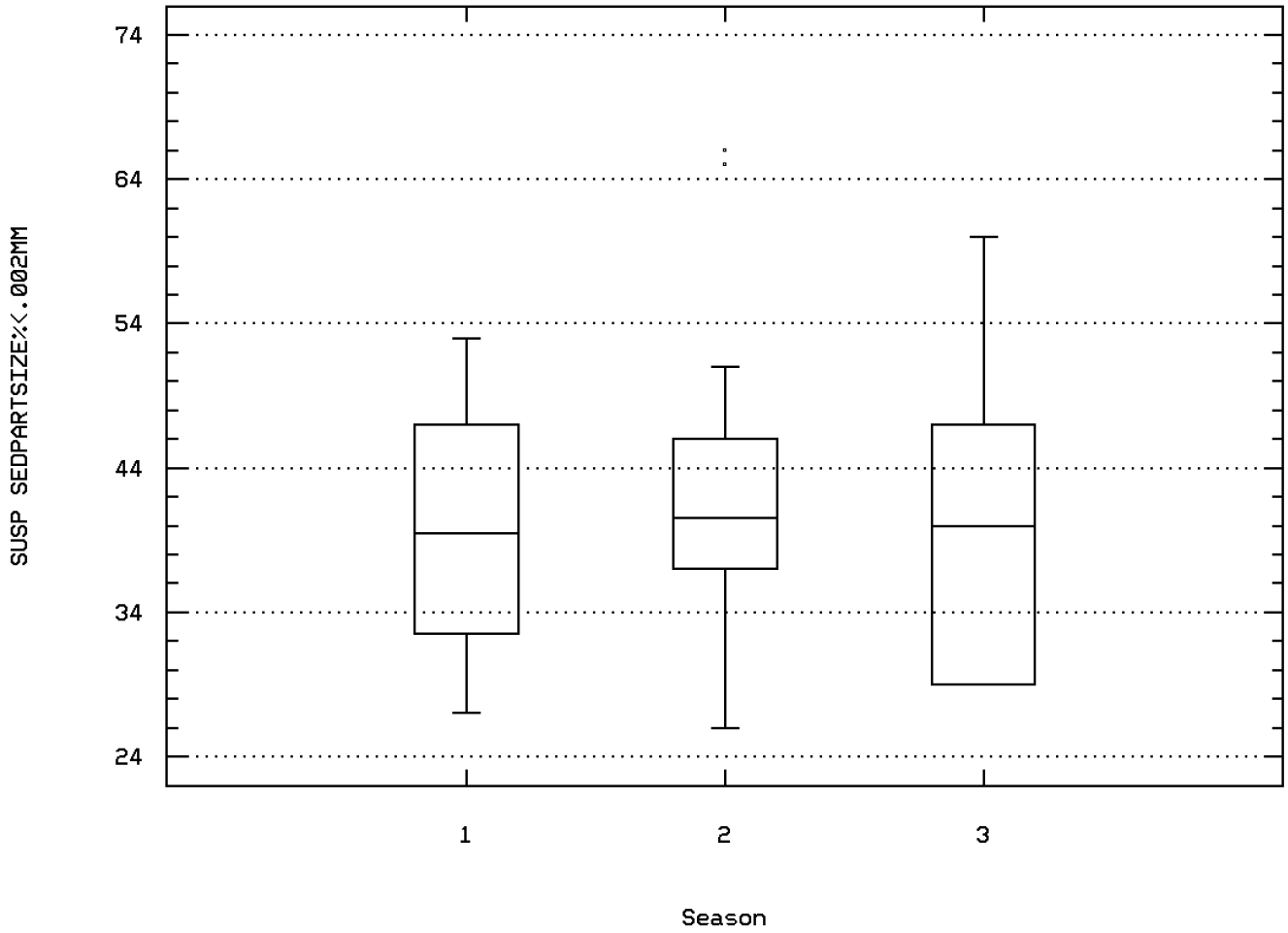
SUSPENDED SED SIEVE DIAMETER,% FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70337

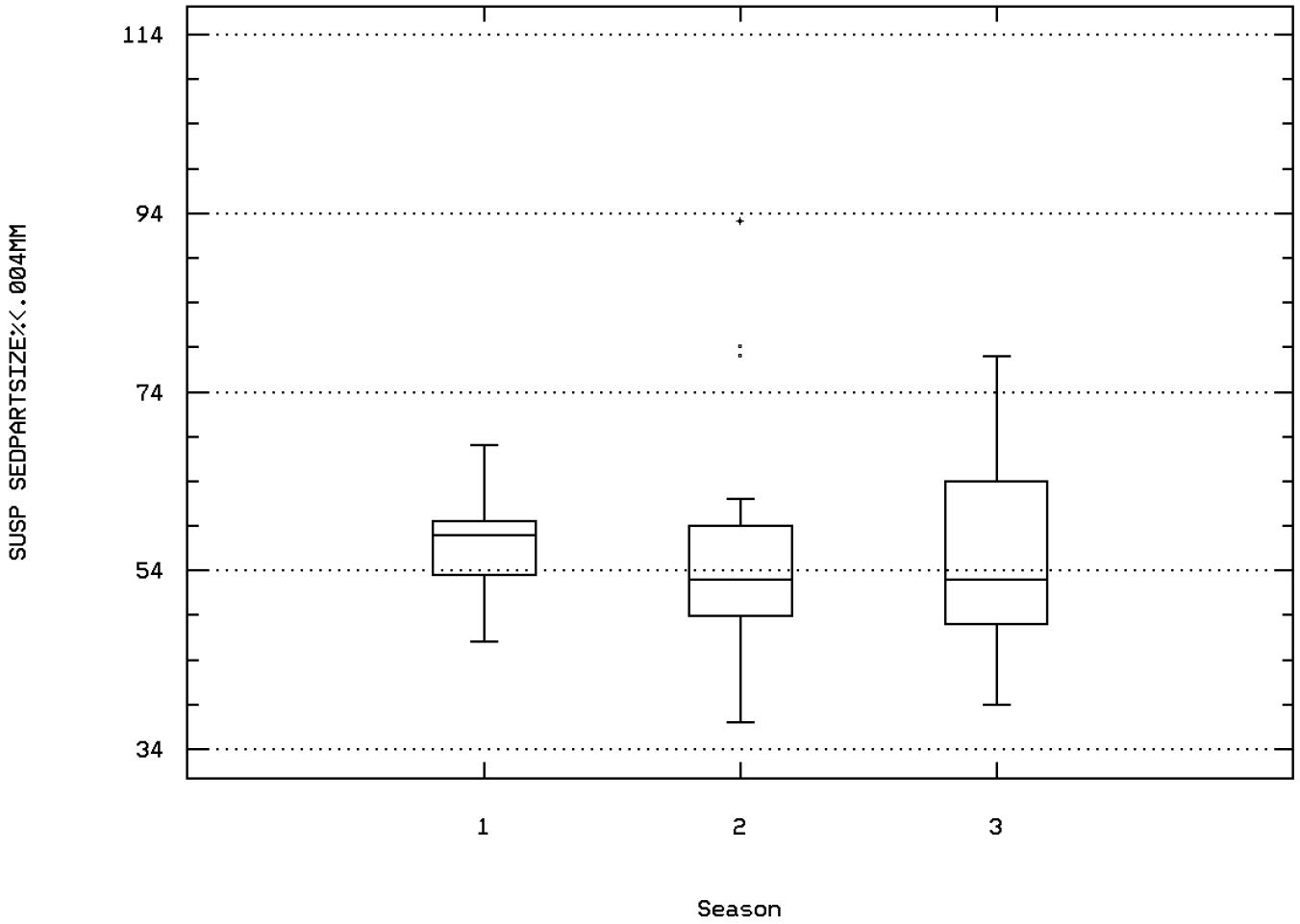
SUS SED FALL DIA(DISTLD WATER)%FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70338

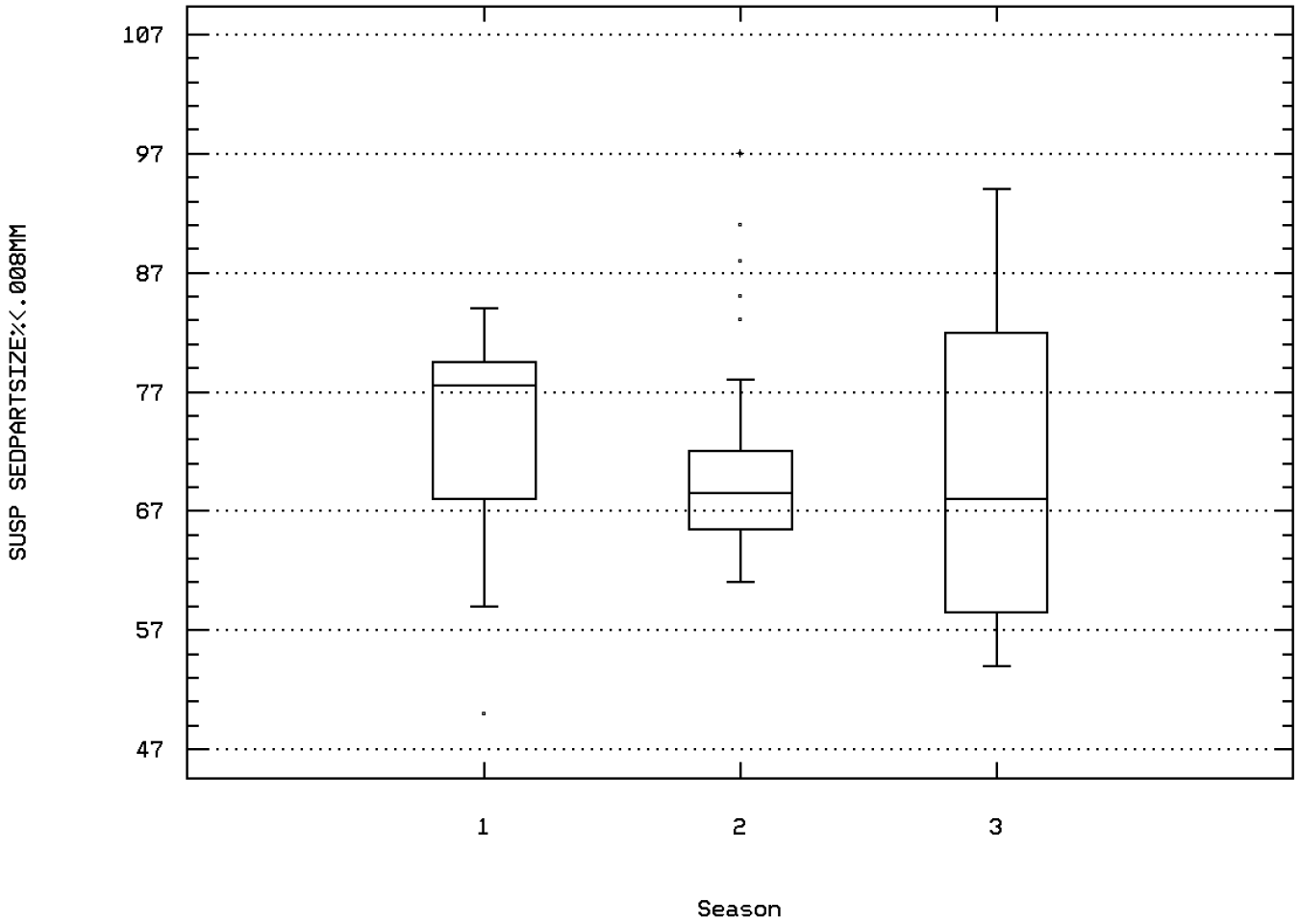
SUS SED FALL DIA(DISTLD WATER)%FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70339

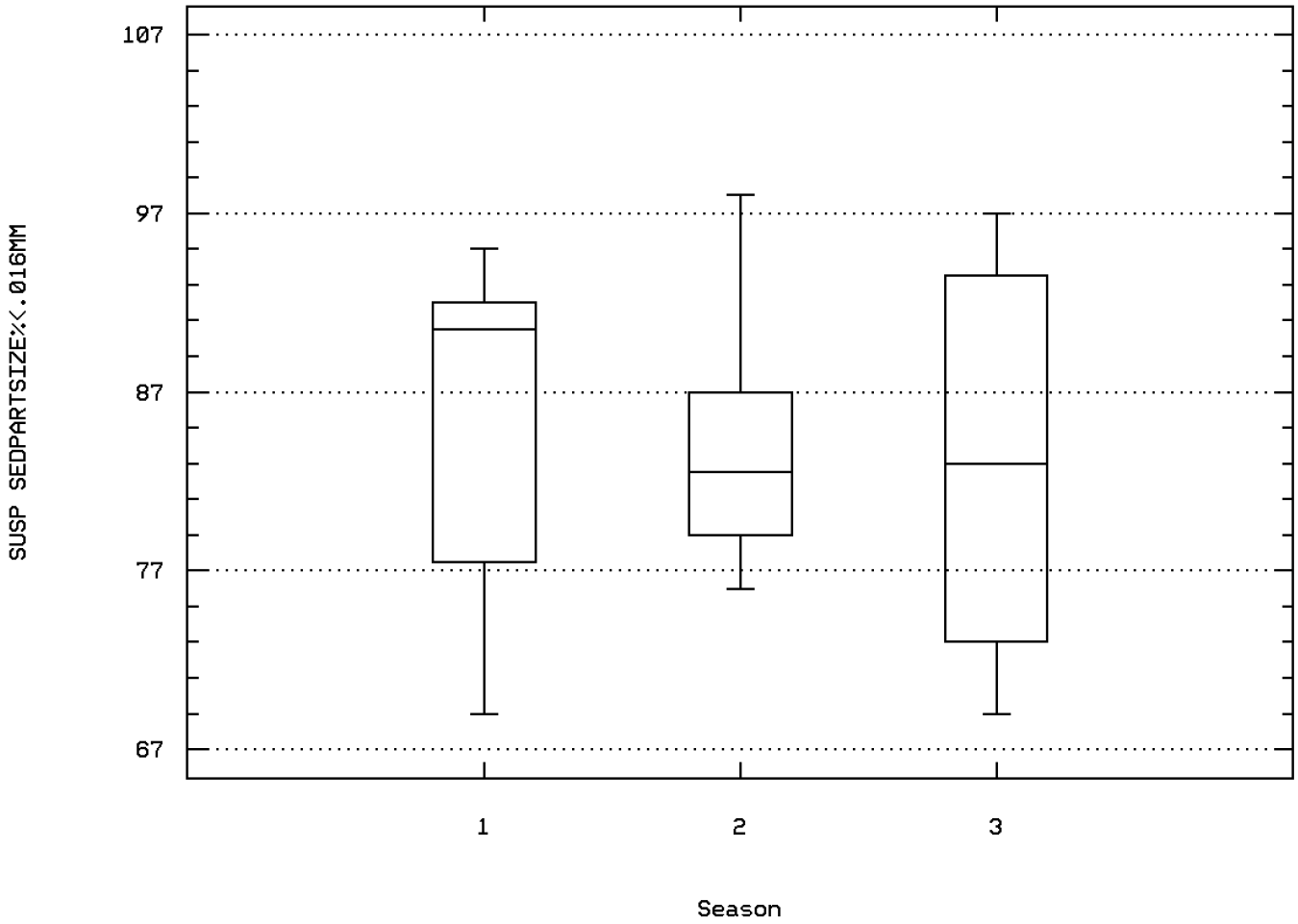
SUS SED FALL DIA(DISTLD WATER)%FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70340

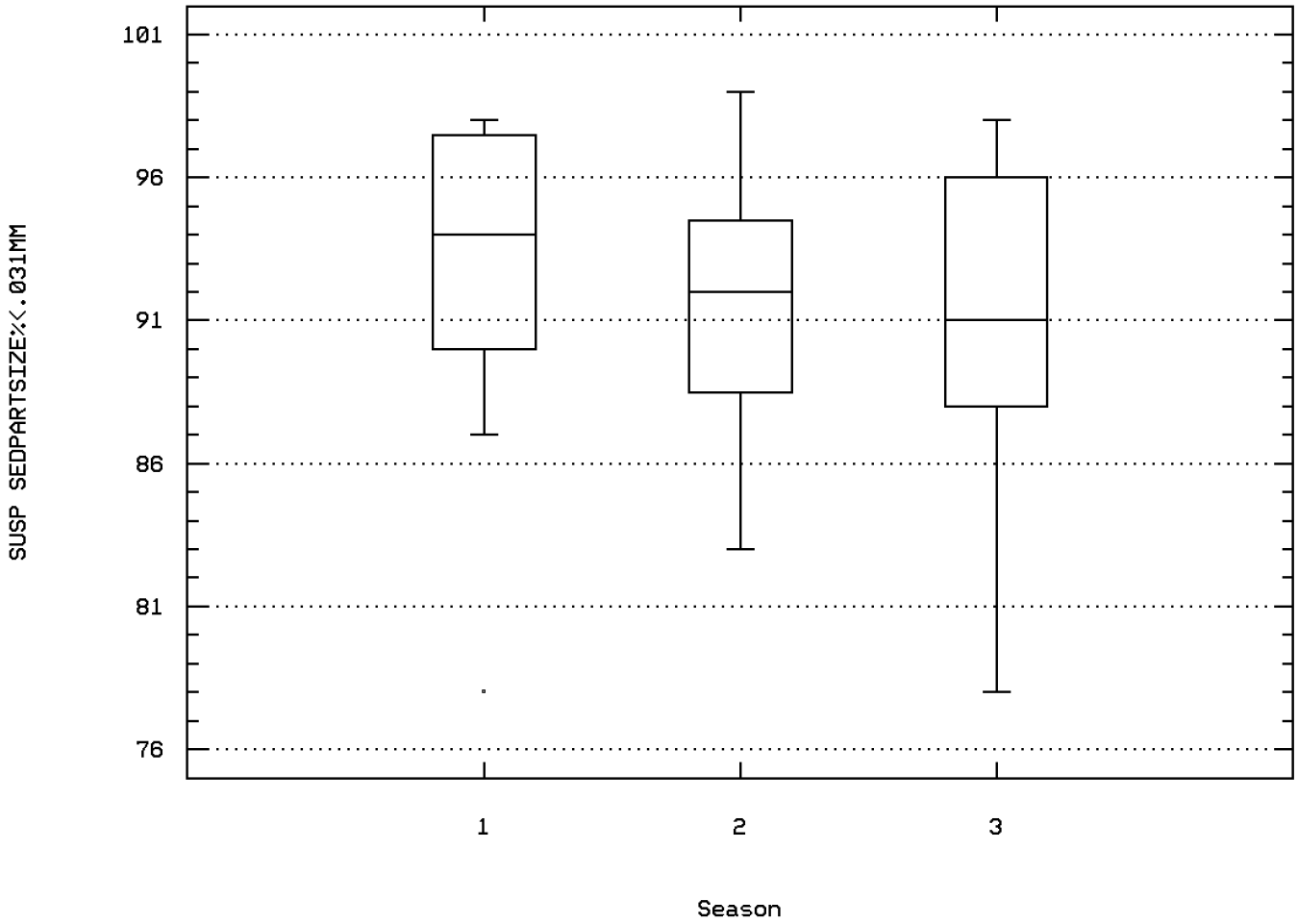
SUS SED FALL DIA(DISTLD WATER)%FINER TH



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 70341

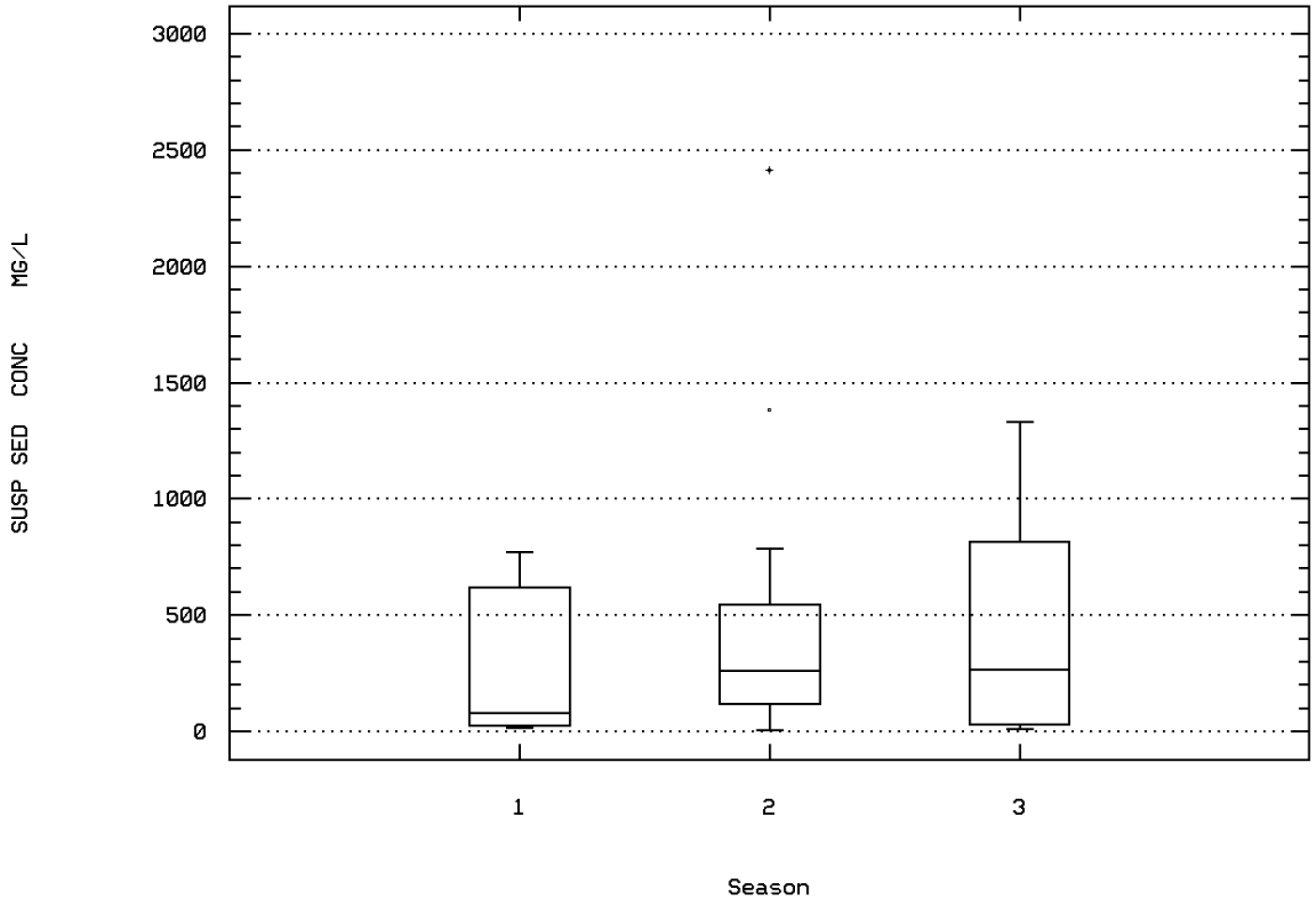
SUS SED FALL DIA(DISTLD WATER)%FINER TH



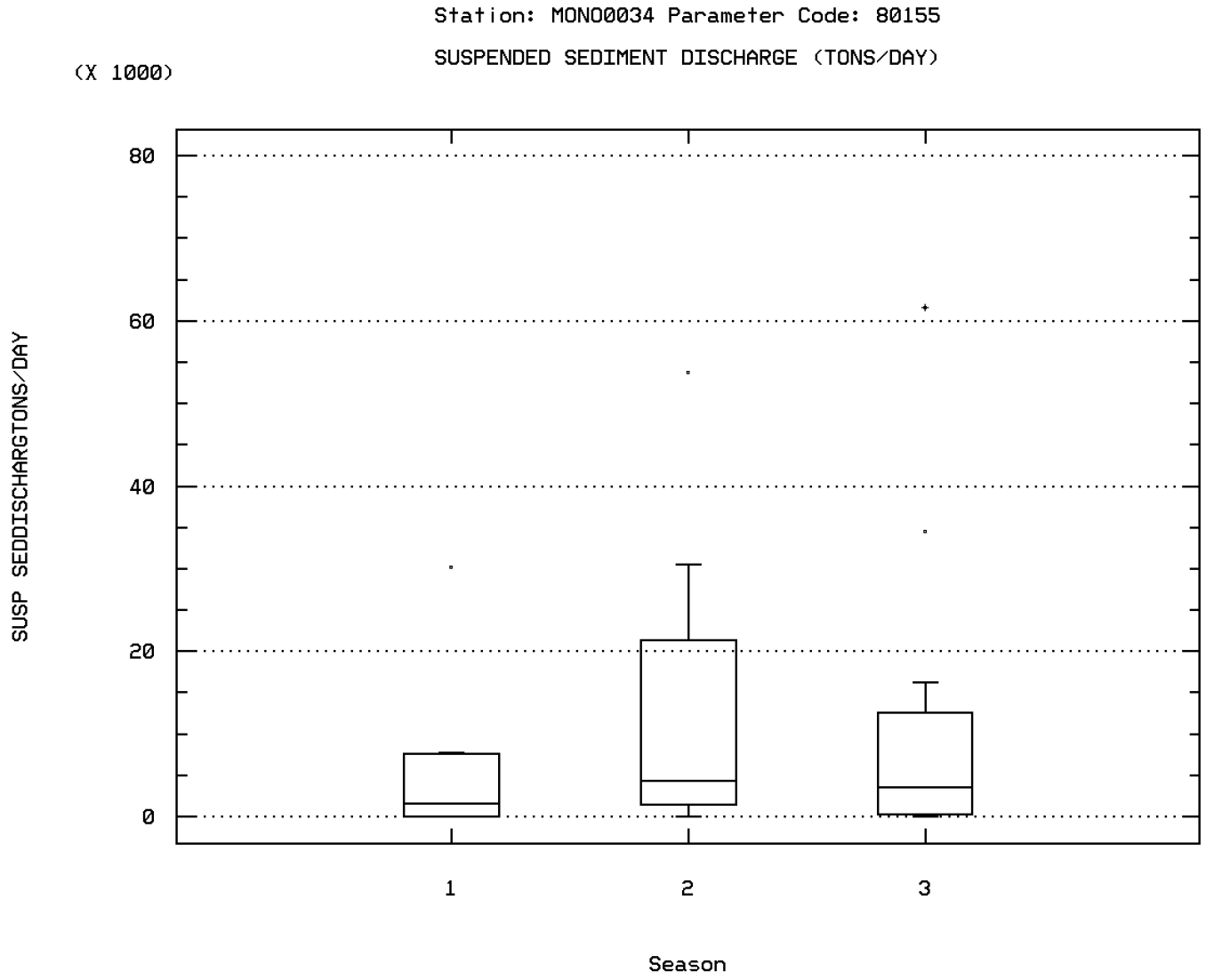
MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station: MONO0034 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



MONOCACY R AT REICHS FORD BRIDGE NR FRE



MONOCACY R AT REICHS FORD BRIDGE NR FRE

Station Inventory for Station: MONO0035

NPS Station ID: MONO0035
LAT/LON: 39.431392/ -77.379170
Agency: 1113PPWQ
Date Created: / /
Location: MONOCACY R. BR NEAR FREDERIK STP
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 083 /083 /MON-MR5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000509.92
RF3 Mile Point: 12.61
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	115.	115.	200.	30.	14450.	120.208	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	2	5.55	5.55	5.6	5.5	0.005	0.071	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	6.35	6.35	6.4	6.3	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.236	0.236	0.255	0.217	0.001	0.027	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	2.471	2.471	3.024	1.917	0.613	0.783	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.265	1.265	1.5	1.03	0.11	0.332	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	160900.	160900.	160900.	160900.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	5.207	5.207	5.207	5.207	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			160900.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	160900.	160900.	160900.	160900.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	5.207	5.207	5.207	5.207	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			160900.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	33.75	33.75	33.75	33.75	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	1.29	1.29	1.41	1.17	0.029	0.17	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: MONO0035

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	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: MONO0036

NPS Station ID: MONO0036 LAT/LON: 39.424726/ -77.380503 Agency: 21MDEXP Date Created: 10/11/80
Location: 250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARG FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MAN0199
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 2.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009000507.97 RF3 Mile Point: 8.43 Distance from RF3: 0.10 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 19.89
RECEIVING TRIBUTARY IS POTOMAC RIVER 250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARGE PT.IN 1980

Parameter Inventory for Station: MONO0036

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

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

Station Inventory for Station: MONO0037

NPS Station ID: MONO0037 LAT/LON: 39.424726/ -77.380503 Agency: 21MDEXP Date Created: 10/11/80
Location: 250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARG FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MON0199
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 2.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009000600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 19.89
RECEIVING TRIBUTARY IS POTOMAC RIVER 250 YDS DOWNSTREAM OF THE FREDERICK STP DISCHARGE PT. IN 1980

Parameter Inventory for Station: MONO0037

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

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

Station Inventory for Station: MONO0038

NPS Station ID: MONO0038
LAT/LON: 39.431337/ -77.380559
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON GAS HOUSE PIKE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0204
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000900.98
RF3 Mile Point: 3.06
Distance from RF3: 0.06
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 20.40
RECEIVING TRIBUTARY IS POTOMAC RIVER BRIDGE ON GAS HOUSE PIKE

Parameter Inventory for Station: MONO0038

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

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

Station Inventory for Station: MONO0039

NPS Station ID: MONO0039
LAT/LON: 39.426392/ -77.380838
Agency: 1112A9WQ
Date Created: / /
Location: STP FREDRICK OFF GASHOOSE PIKE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UP-POT-137 /MONOCACY137 /137 /STP-137
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 020700090000101.57
RF3 Mile Point: 1.56
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	3	15.	14.933	18.8	11.	15.213	3.9	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/16/73-04/16/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/72-04/16/73	4	109.6	115.35	183.	59.2	3481.797	59.007	**	**	**	**
00400	PH (STANDARD UNITS)	05/25/72-05/25/72	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/25/72-05/25/72	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/72-05/25/72	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/72-04/16/73	4	18.475	18.525	27.5	9.65	77.308	8.792	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/25/72-04/16/73	4	16.326	18.408	26.68	14.3	32.109	5.666	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/72-04/16/73	3	0.03	0.087	0.2	0.03	0.01	0.098	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/72-04/16/73	4	16.495	15.28	18.	10.13	12.964	3.601	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/25/72-09/20/72	2	54.3	54.3	77.	31.6	1030.58	32.103	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/25/72-09/20/72	2	91.95	91.95	114.7	69.2	1035.125	32.173	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/72-05/25/72	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/25/72-05/25/72	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/25/72-05/25/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/25/72-05/25/72	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/25/72-05/25/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/25/72-05/25/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/25/72-05/25/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/25/72-04/16/73	4	22.855	37.813	86.54	19.	1060.608	32.567	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/25/72-05/25/72	1	0.001	0.001	0.001	0.001	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: MONO0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				1	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			

& - 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: MONO0039

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	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	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			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: MONO0040

NPS Station ID: MONO0040 LAT/LON: 39.386116/ -77.380838 Agency: 21MDOEP Date Created: 02/01/86
Location: MONOCACY RIVER BRIDGE ON REELS MILL ROAD FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MON0155
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009000101.57 RF3 Mile Point: 1.56 Distance from RF3: 0.01 On/Off RF3:
Description:
EASYSTOR WAS USED TO ENTER THE INFO MONOCACY RIVER WATERBODY
NO DEPTH INFORMATION FOR LAND STATION

Parameter Inventory for Station: MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	62	13.15	14.129	28.2	1.	72.365	8.507	3.43	5.975	22.075	26.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	59	16.5	16.102	35.	-1.	93.541	9.672	4.	9.	24.5	30.
00023	SAMPLE WEIGHT IN POUNDS	10/31/79-10/31/79	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	61	70.	56.475	100.	0.	1788.62	42.292	0.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/21/91-05/03/95	4	3.05	3.875	9.4	0.	21.836	4.673	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	60	9.1	16.978	136.	2.6	477.361	21.849	3.61	6.075	18.4	39.7
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/08/94-05/03/95	2	188.	188.	271.	105.	13778.	117.38	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	62	281.5	293.855	434.	163.	3586.88	59.891	219.9	247.75	336.75	376.8
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	60	10.35	10.48	15.7	6.3	5.453	2.335	7.31	8.725	11.975	14.05
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	57	2.	2.365	8.3	0.5	3.178	1.783	0.5	1.15	2.65	4.74
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	61	7.9	8.102	9.3	7.4	0.224	0.474	7.6	7.8	8.4	8.9
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	61	7.9	7.917	9.3	7.4	0.259	0.509	7.6	7.8	8.4	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	61	0.013	0.012	0.04	0.001	0.	0.009	0.001	0.004	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	59	72.	74.559	122.	36.	387.423	19.683	49.	62.	89.	104.
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	62	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	62	12.	18.242	116.	1.	361.072	19.002	2.	5.	23.5	44.1
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	57	3.89	3.934	7.6	2.8	0.684	0.827	3.008	3.26	4.325	4.776
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	62	0.039	0.061	0.3	0.008	0.003	0.055	0.015	0.022	0.084	0.128
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	61	0.022	0.025	0.084	0.011	0.	0.011	0.015	0.018	0.03	0.038
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	60	3.08	3.139	4.68	2.09	0.351	0.592	2.384	2.71	3.58	3.97
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	58	0.65	0.752	3.9	0.1	0.284	0.533	0.333	0.478	0.863	1.31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	61	3.1	3.177	4.7	2.12	0.355	0.595	2.412	2.74	3.65	4.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	62	0.125	0.167	0.8	0.04	0.018	0.135	0.056	0.08	0.2	0.314
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	58	0.2	0.234	1.2	0.031	0.04	0.199	0.083	0.11	0.282	0.382
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	62	4.	4.315	7.9	2.1	2.041	1.429	2.73	3.2	5.25	6.61
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/31/79-10/31/79	2	-0.05	-0.05	-0.05	-0.05	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	51	1700.	9829.784	160000.	79.	586227955.973	24212.145	220.	700.	7900.	24800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	51	3.23	3.336	5.204	1.898	0.57	0.755	2.342	2.845	3.898	4.394
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2169.977								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	51	330.	2234.588	24000.	8.	22250971.567	4717.094	33.	79.	1300.	9180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	51	2.519	2.58	4.38	0.903	0.755	0.869	1.519	1.898	3.114	3.962
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			379.857								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	62	3.175	12.031	172.54	0.19	852.891	29.204	0.78	1.578	6.628	26.136

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

Parameter Inventory for Station: MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	61	2.62	11.149	161.48	0.37	784.378	28.007	0.76	1.2	5.305	23.844
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	62	0.125	0.319	3.7	0.	0.344	0.586	0.	0.008	0.388	0.817
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	62	0.255	1.224	18.78	0.	9.949	3.154	0.	0.055	0.708	2.116
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	61	0.8	1.192	8.07	0.	2.3	1.517	0.	0.27	1.43	2.56
34670	PCB - 1260 WET WGTTISMG/KG	10/31/79-10/31/79	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	10/31/79-10/31/79	2	-0.01	-0.01	-0.01	-0.01	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/31/79-10/31/79	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/31/79-10/31/79	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/31/79-10/31/79	2	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
39497	PCB - 1242 IN FISH OR ANIMALS WET WGT UG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/31/79-10/31/79	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	2	1.25	1.25	1.6	0.9	0.245	0.495	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	2	0.735	0.735	0.88	0.59	0.042	0.205	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	2	12.15	12.15	14.3	10.	9.245	3.041	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/31/79-10/31/79	2	0.335	0.335	0.4	0.27	0.008	0.092	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/31/79-10/31/79	2	0.225	0.225	0.26	0.19	0.002	0.049	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/31/79-10/31/79	3	11.	8.	12.	1.	37.	6.083	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	0.	0.	**	**	**	**
81826	BHC(BENZENE HEXACHLORIDE) FISH TISS WET WGT MG/KG	10/31/79-10/31/79	2	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	10/31/79-10/31/79	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/31/79-10/31/79	2	-0.001	-0.001	-0.001	-0.001	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: MONO0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	60	5	0.08	15	2	0.13	24	2	0.08	21	1	0.05			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	14	0	0.00	25	0	0.00	21	0	0.00			
00400	PH	Fresh Chronic	9.	61	4	0.07	15	2	0.13	24	1	0.04	22	1	0.05			
		Other-Lo Lim.	6.5	61	0	0.00	15	0	0.00	24	0	0.00	22	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	61	0	0.00	15	0	0.00	25	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	60	0	0.00	15	0	0.00	25	0	0.00	20	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	61	0	0.00	15	0	0.00	25	0	0.00	21	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	51	34	0.67	14	8	0.57	17	11	0.65	20	15	0.75			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	32	0.63	14	11	0.79	17	8	0.47	20	13	0.65			

& - 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 1991 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	14	14.8	15.921	27.3	5.4	74.488	8.631	5.65	7.7	25.85	26.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	13	16.	17.538	32.	3.5	90.769	9.527	3.7	11.25	26.	31.6
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	13	60.	55.769	100.	0.	1524.359	39.043	0.	15.	95.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	13	11.1	21.077	64.	2.6	440.657	20.992	3.96	6.65	33.	63.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	14	277.5	295.429	411.	200.	5106.879	71.462	209.5	232.5	363.5	409.5
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	13	9.8	9.3	12.4	6.3	4.027	2.007	6.54	7.25	10.95	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	13	1.6	1.962	5.3	0.5	2.369	1.539	0.5	0.7	2.7	5.02
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	14	7.9	7.893	8.4	7.5	0.055	0.234	7.55	7.75	8.025	8.25
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	14	7.9	7.837	8.4	7.5	0.058	0.241	7.55	7.75	8.025	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	14	0.013	0.015	0.032	0.004	0.	0.008	0.006	0.009	0.018	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	12	72.5	73.667	122.	36.	782.424	27.972	37.2	49.5	92.75	120.8
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	14	12.	15.786	45.	2.	183.104	13.532	2.5	3.75	22.25	43.5
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	13	4.35	4.272	5.6	2.9	0.768	0.876	2.94	3.5	4.82	5.56
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	14	0.064	0.081	0.3	0.008	0.005	0.073	0.014	0.024	0.098	0.218
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	13	0.024	0.028	0.084	0.013	0.	0.019	0.013	0.018	0.032	0.066
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	13	3.32	3.281	4.68	2.38	0.469	0.685	2.42	2.675	3.725	4.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	13	0.75	0.872	1.7	0.3	0.16	0.4	0.42	0.6	1.2	1.594
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	14	3.4	3.357	4.7	2.4	0.467	0.684	2.45	2.75	3.85	4.45
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	14	0.25	0.269	0.8	0.04	0.05	0.224	0.04	0.05	0.425	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	13	0.261	0.309	1.	0.078	0.06	0.244	0.08	0.13	0.371	0.8
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	14	4.3	4.586	7.9	3.2	1.843	1.358	3.25	3.45	5.45	7.05
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	11	1800.	24247.273	160000.	220.	2334442581.818	48316.07	396.	1300.	35000.	138800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	11	3.255	3.631	5.204	2.342	0.742	0.862	2.482	3.114	4.544	5.11
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4276.181								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	11	330.	3269.273	24000.	33.	54983992.418	7415.119	34.2	110.	790.	21100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	11	2.519	2.596	4.38	1.519	0.801	0.895	1.533	2.041	2.898	4.3
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			394.405								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	14	3.2	3.574	10.34	0.75	6.081	2.466	1.145	1.893	4.158	8.46
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	14	2.73	2.972	9.57	0.45	5.144	2.268	0.825	1.475	3.53	7.215
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	14	0.1	0.221	0.94	0.	0.098	0.314	0.	0.	0.265	0.915
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	14	0.335	0.411	1.92	0.	0.255	0.505	0.	0.023	0.627	1.31
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	14	0.715	0.841	2.52	0.	0.44	0.663	0.	0.378	1.175	1.985

** - Less than 9 observations ## - Computed with 50% or 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 MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	12	13.65	13.692	28.2	3.1	63.143	7.946	3.34	6.2	20.975	26.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	12	17.	16.708	30.	7.	68.066	8.25	7.	7.875	24.375	29.1
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	12	82.5	62.917	100.	0.	1774.811	42.129	0.	17.5	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	12	7.	13.2	66.	3.1	298.102	17.266	3.28	6.	14.25	51.93
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	12	266.5	282.917	374.	231.	2051.356	45.292	235.8	251.75	310.75	369.5
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	12	10.3	10.225	15.7	6.7	5.	2.236	7.18	8.625	11.2	14.44
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	10	1.85	2.13	5.3	0.5	2.365	1.538	0.5	0.95	2.9	5.15
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	12	8.2	8.133	9.1	7.4	0.201	0.448	7.49	7.8	8.375	8.92
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	12	8.2	7.95	9.1	7.4	0.237	0.487	7.49	7.8	8.375	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	12	0.006	0.011	0.04	0.001	0.	0.011	0.002	0.004	0.016	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	12	68.	72.25	104.	59.	220.386	14.845	59.9	62.	72.75	103.1
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	12	11.	16.083	48.	2.	211.174	14.532	2.6	5.25	24.5	45.
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	10	4.2	3.955	4.65	2.8	0.329	0.573	2.845	3.475	4.3	4.615
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	12	0.036	0.05	0.128	0.012	0.001	0.036	0.013	0.022	0.083	0.115
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	0.02	0.026	0.043	0.015	0.	0.01	0.015	0.017	0.036	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	3.185	3.233	3.98	2.28	0.345	0.587	2.307	2.69	3.76	3.95
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	10	0.575	0.685	1.4	0.3	0.105	0.324	0.315	0.488	0.888	1.36

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Annual Analysis for 1992 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	12	3.2	3.258	4.	2.3	0.344	0.587	2.33	2.725	3.8	3.97
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	12	0.11	0.13	0.2	0.05	0.004	0.061	0.056	0.07	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	10	0.187	0.214	0.391	0.113	0.009	0.094	0.113	0.14	0.299	0.382
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	12	3.8	4.275	7.2	2.7	2.017	1.42	2.85	3.325	4.8	7.11
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	10	1350.	8759.	35000.	170.	152973898.889	12368.262	176.	582.5	18750.	33900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	10	3.123	3.358	4.544	2.23	0.701	0.838	2.244	2.724	4.268	4.528
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2280.469								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	180.	2414.4	13000.	23.	19649642.933	4432.792	24.	45.	3025.	12490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	2.238	2.522	4.114	1.362	0.977	0.988	1.377	1.647	3.334	4.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			332.306								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	2.065	2.339	4.62	0.19	2.092	1.446	0.325	1.253	3.723	4.602
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	11	1.94	2.084	4.04	0.45	1.356	1.165	0.51	1.1	3.44	3.95
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.075	0.109	0.55	0.	0.025	0.157	0.	0.	0.165	0.442
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.05	0.133	0.58	0.	0.035	0.188	0.	0.	0.185	0.529
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	11	0.67	0.646	1.44	0.	0.209	0.457	0.	0.28	0.91	1.394

** - Less than 9 observations ## - Computed with 50% or 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 MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	12	12.25	13.508	27.4	2.6	79.912	8.939	2.87	5.475	21.475	27.04
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	10	15.75	16.45	31.5	3.5	101.525	10.076	3.65	8.	26.5	31.45
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	12	85.	60.	100.	0.	2018.182	44.924	0.	12.5	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	11	7.8	22.664	136.	3.6	1479.007	38.458	3.62	6.3	22.	114.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	12	307.5	295.417	378.	203.	3192.265	56.5	207.5	247.25	341.	372.9
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	11	10.8	11.091	15.4	7.	7.375	2.716	7.28	8.8	14.1	15.26
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	11	1.8	1.909	3.9	0.6	0.941	0.97	0.66	1.1	2.6	3.7
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	12	8.	8.208	8.9	7.4	0.255	0.505	7.49	7.825	8.675	8.9
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	12	8.	7.973	8.9	7.4	0.316	0.562	7.49	7.825	8.675	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	12	0.01	0.011	0.04	0.001	0.	0.011	0.001	0.002	0.015	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	11	80.	75.273	109.	48.	350.018	18.709	48.2	64.	89.	105.4
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	12	11.5	21.25	116.	1.	992.568	31.505	1.6	4.25	26.5	90.8
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	12	3.865	4.195	7.6	3.4	1.298	1.139	3.412	3.538	4.313	6.736
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	12	0.031	0.045	0.128	0.018	0.001	0.033	0.019	0.021	0.06	0.114
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	0.02	0.021	0.038	0.012	0.	0.006	0.014	0.017	0.024	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	3.195	3.325	4.49	2.67	0.252	0.502	2.703	3.005	3.64	4.28
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	12	0.55	0.848	3.9	0.21	0.991	0.996	0.248	0.413	0.714	3.105
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	12	3.215	3.346	4.51	2.69	0.252	0.502	2.723	3.025	3.675	4.297
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	12	0.11	0.128	0.32	0.05	0.006	0.075	0.056	0.073	0.158	0.284
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	11	0.108	0.229	1.2	0.031	0.11	0.331	0.039	0.084	0.247	1.015
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	12	3.9	3.65	5.2	2.1	1.121	1.059	2.16	2.525	4.65	5.05
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	10	2500.	8041.9	25000.	79.	92442698.322	9614.713	135.1	985.	18250.	24700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	10	3.374	3.459	4.398	1.898	0.622	0.789	1.988	2.983	4.258	4.392
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2879.42								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	895.	2631.7	14000.	8.	18518735.122	4303.34	12.1	117.25	3700.	13090.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	2.902	2.776	4.146	0.903	0.966	0.983	0.982	2.032	3.561	4.101
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			597.353								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	1.66	11.382	90.01	0.64	634.901	25.197	0.649	1.145	11.3	67.003
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	1.16	10.267	86.22	0.52	586.331	24.214	0.556	0.85	8.523	63.822
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.09	0.308	2.46	0.	0.472	0.687	0.003	0.023	0.193	1.845
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.225	1.205	9.5	0.	7.127	2.67	0.018	0.078	1.255	7.148
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	0.62	1.264	7.06	0.	3.845	1.961	0.006	0.138	1.553	5.617

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

Annual Analysis for 1994 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	12	13.75	14.233	28.	1.	84.084	9.17	1.06	5.45	23.25	27.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	12	20.	16.458	35.	-1.	126.157	11.232	1.	2.25	24.	32.
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	12	55.	55.417	100.	0.	1861.174	43.141	3.	11.25	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	12	13.4	14.108	40.	3.6	110.23	10.499	3.72	4.6	18.4	34.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	12	309.	293.5	395.	163.	4593.182	67.773	178.9	233.	342.	383.6
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	12	12.	11.725	15.2	8.9	4.178	2.044	9.11	9.825	13.375	14.9
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	12	2.25	3.35	8.3	0.5	8.586	2.93	0.5	0.775	6.225	8.3
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	11	7.9	8.322	9.3	7.5	0.455	0.675	7.54	7.7	9.	9.28
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	11	7.9	7.979	9.3	7.5	0.585	0.765	7.54	7.7	9.	9.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	11	0.013	0.011	0.032	0.001	0.	0.01	0.001	0.001	0.02	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	12	76.5	76.	108.	40.	525.636	22.927	43.3	53.5	95.	107.4
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	12	20.5	20.	57.	2.	304.182	17.441	2.	2.75	32.5	51.9
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	11	3.27	3.554	4.47	2.8	0.37	0.608	2.838	3.01	4.15	4.456
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	12	0.022	0.048	0.227	0.008	0.004	0.064	0.009	0.014	0.045	0.194
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	0.025	0.025	0.05	0.014	0.	0.009	0.016	0.02	0.028	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	11	2.72	2.88	4.09	2.21	0.357	0.597	2.224	2.47	3.18	4.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	12	0.557	0.636	1.4	0.1	0.116	0.34	0.18	0.445	0.763	1.31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	11	2.75	2.905	4.1	2.23	0.351	0.592	2.244	2.52	3.2	4.05
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	12	0.1	0.121	0.23	0.07	0.003	0.052	0.07	0.083	0.16	0.221
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	12	0.191	0.19	0.332	0.056	0.008	0.088	0.065	0.107	0.261	0.324
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	12	4.05	4.3	7.1	2.3	2.244	1.498	2.48	3.025	5.675	6.74
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	10	745.	3674.	22000.	460.	46505893.333	6819.523	463.	647.5	3250.	20590.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	10	2.871	3.137	4.342	2.663	0.309	0.556	2.666	2.806	3.397	4.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1370.982								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	280.	1776.4	14000.	46.	18639676.489	4317.369	46.3	71.5	1150.	12730.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	2.44	2.533	4.146	1.663	0.579	0.761	1.666	1.846	3.06	4.043
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			340.839								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	6.055	36.8	172.54	0.42	3126.989	55.919	0.702	2.173	64.718	155.455
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	4.935	34.741	161.48	0.37	2825.324	53.154	0.58	1.82	62.608	146.453
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.25	0.323	0.74	0.	0.09	0.299	0.	0.02	0.67	0.731
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.695	3.91	18.78	0.	36.851	6.071	0.	0.145	6.587	16.863
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	0.89	1.582	8.07	0.	5.208	2.282	0.012	0.098	1.768	6.699

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

Annual Analysis for 1995 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	12	11.05	12.992	27.1	1.5	79.988	8.944	2.19	4.25	21.725	26.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	12	7.25	13.292	28.	-1.	105.203	10.257	2.6	6.	22.625	28.
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	12	40.	48.333	100.	0.	2306.061	48.021	0.	0.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	12	8.65	13.975	56.	2.9	240.215	15.499	2.99	4.425	15.975	48.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	12	276.	301.75	434.	231.	3814.205	61.759	235.2	270.	334.25	423.8
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	12	9.95	10.208	13.6	7.3	5.114	2.261	7.33	8.125	12.375	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	11	2.	2.436	4.3	2.	0.777	0.881	2.	2.	2.4	4.26
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	12	7.85	8.008	8.8	7.6	0.163	0.403	7.63	7.7	8.275	8.77
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	12	7.847	7.884	8.8	7.6	0.18	0.424	7.63	7.7	8.275	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	12	0.014	0.013	0.025	0.002	0.	0.008	0.002	0.005	0.02	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	12	78.	75.667	94.	51.	185.333	13.614	53.7	63.5	87.	94.
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	12	16.	18.5	50.	1.	251.909	15.872	1.6	5.25	24.5	48.5
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	11	3.54	3.613	4.77	3.02	0.311	0.558	3.032	3.11	3.93	4.674
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	12	0.069	0.077	0.186	0.017	0.003	0.053	0.02	0.033	0.117	0.175
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	0.024	0.024	0.037	0.011	0.	0.009	0.012	0.015	0.033	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	12	2.85	2.942	4.02	2.09	0.269	0.518	2.189	2.665	3.385	3.849
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	11	0.686	0.691	1.044	0.286	0.061	0.248	0.312	0.443	0.964	1.04

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

Annual Analysis for 1995 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	12	2.88	2.966	4.04	2.12	0.264	0.513	2.222	2.678	3.4	3.866
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	12	0.14	0.169	0.43	0.07	0.011	0.104	0.076	0.09	0.22	0.388
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	12	0.197	0.221	0.517	0.069	0.016	0.126	0.079	0.119	0.266	0.476
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	12	4.5	4.717	7.6	2.2	3.007	1.734	2.38	3.075	6.325	7.33
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	10	1500.	2985.	14000.	130.	18031916.667	4246.4	138.	217.5	4675.	13090.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	10	3.172	3.067	4.146	2.114	0.462	0.679	2.135	2.337	3.67	4.101
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1167.88								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	490.	977.7	4900.	11.	2206947.344	1485.58	13.2	33.	1400.	4580.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/91-12/06/95	10	2.69	2.47	3.69	1.041	0.72	0.849	1.089	1.519	3.143	3.644
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			295.264								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	4.425	7.47	29.16	0.85	72.565	8.518	1.018	1.685	9.188	26.136
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	3.02	6.287	25.42	0.82	58.378	7.641	0.889	1.295	7.805	23.056
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.33	0.651	3.7	0.	1.024	1.012	0.	0.088	0.795	2.884
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/21/91-12/06/95	12	0.395	0.596	2.2	0.	0.417	0.645	0.012	0.1	1.033	1.882
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	12	1.335	1.639	4.72	0.	1.94	1.393	0.156	0.573	2.408	4.378

** - Less than 9 observations ## - Computed 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: 8/01 to 10/31 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	15	21.	20.013	27.1	11.8	24.848	4.985	12.7	14.5	25.2	26.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	14	23.5	22.536	32.	16.	21.056	4.589	16.25	17.75	25.	30.
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	15	40.	49.	100.	0.	1986.429	44.569	0.	0.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	15	10.8	18.573	66.	2.6	434.261	20.839	2.9	4.4	19.1	64.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	15	361.	354.133	434.	251.	2683.552	51.803	252.8	326.	395.	418.4
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	14	8.75	9.314	12.7	6.7	4.438	2.107	6.8	7.325	11.525	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	13	2.1	3.369	8.3	0.9	5.291	2.3	0.98	2.	4.95	7.7
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	15	7.9	8.06	9.2	7.4	0.317	0.563	7.4	7.8	8.3	9.08
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	15	7.9	7.828	9.2	7.4	0.375	0.612	7.4	7.8	8.3	9.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	15	0.013	0.015	0.04	0.001	0.	0.013	0.001	0.005	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	15	94.	92.933	122.	66.	239.495	15.476	69.	81.	106.	114.2
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	15	20.	19.333	48.	3.	242.095	15.559	4.2	5.	28.	46.2
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	15	4.2	4.174	5.6	2.8	0.441	0.664	3.07	3.89	4.7	5.102
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	15	0.032	0.038	0.128	0.008	0.001	0.033	0.008	0.014	0.046	0.106
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	15	0.022	0.023	0.043	0.014	0.	0.007	0.015	0.018	0.026	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	15	3.38	3.401	4.68	2.37	0.48	0.692	2.484	2.77	3.88	4.566
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	15	0.725	0.754	1.4	0.1	0.149	0.386	0.166	0.48	1.044	1.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	15	3.4	3.423	4.7	2.4	0.474	0.689	2.52	2.79	3.9	4.586
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	15	0.23	0.295	0.8	0.09	0.032	0.179	0.126	0.2	0.4	0.62
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	15	0.299	0.339	1.	0.031	0.045	0.213	0.131	0.238	0.381	0.71
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	15	5.1	5.173	7.2	2.7	1.775	1.332	3.36	4.	6.4	7.02
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	14	1200.	7457.143	35000.	220.	173834068.132	13184.615	355.	647.5	7275.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	14	3.078	3.247	4.544	2.342	0.512	0.715	2.516	2.806	3.518	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1765.641								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	15	2.62	15.304	111.39	0.45	1008.22	31.752	0.492	1.1	5.53	84.774
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	15	0.81	1.097	4.72	0.07	1.28	1.131	0.124	0.44	1.44	2.962

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	25	5.4	5.76	14.2	1.	10.643	3.262	1.38	3.45	7.8	10.88
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	24	7.75	7.667	24.	-1.	38.21	6.181	1.5	4.25	10.375	18.
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	25	100.	66.	100.	0.	1850.	43.012	0.	15.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	24	8.4	15.825	62.	2.9	273.756	16.546	3.6	4.5	21.875	48.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	25	270.	270.2	343.	163.	2075.083	45.553	209.6	240.5	309.	329.
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	25	11.5	12.024	15.7	9.8	3.168	1.78	9.86	10.6	13.6	14.98
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	22	1.9	1.741	3.2	0.5	0.563	0.751	0.53	1.175	2.25	2.6
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	24	7.9	8.129	9.1	7.5	0.209	0.457	7.65	7.8	8.525	8.9
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	24	7.9	7.956	9.1	7.5	0.24	0.49	7.65	7.8	8.525	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	24	0.013	0.011	0.032	0.001	0.	0.008	0.001	0.003	0.016	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	24	62.	61.333	90.	36.	205.101	14.321	40.	51.	69.5	85.
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	25	10.	13.96	57.	1.	230.29	15.175	1.6	3.	20.	45.2
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	23	3.83	3.859	5.5	2.99	0.431	0.657	3.038	3.25	4.3	4.74
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	25	0.068	0.084	0.3	0.016	0.005	0.068	0.022	0.032	0.107	0.202
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	25	0.02	0.022	0.039	0.011	0.	0.008	0.013	0.017	0.025	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	25	3.18	3.198	4.18	2.09	0.367	0.606	2.252	2.715	3.76	4.024
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	23	0.6	0.649	1.7	0.337	0.087	0.294	0.386	0.45	0.725	1.046
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	25	3.2	3.219	4.2	2.12	0.367	0.605	2.272	2.73	3.8	4.04
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	25	0.09	0.11	0.3	0.05	0.003	0.056	0.05	0.075	0.135	0.182
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	23	0.142	0.146	0.346	0.069	0.004	0.064	0.073	0.097	0.192	0.222
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	25	3.9	4.04	7.9	2.1	1.687	1.299	2.26	3.15	4.75	5.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	17	1800.	16354.647	160000.	79.	1549401698.368	39362.44	151.8	340.	10950.	75200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	17	3.255	3.358	5.204	1.898	0.862	0.929	2.164	2.503	4.022	4.827

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2280.044								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	24	1.45	2.588	9.57	0.37	7.167	2.677	0.545	1.013	3.065	8.67
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	24	0.55	0.698	3.5	0.	0.597	0.773	0.	0.063	1.05	1.51

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station MONO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/80-12/06/95	22	19.7	19.627	28.2	9.2	41.691	6.457	10.21	12.975	25.9	27.82
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/86-12/06/95	21	21.5	21.452	35.	4.	69.223	8.32	12.1	14.75	29.	31.4
00032	CLOUD COVER (PERCENT)	01/27/86-12/06/95	21	40.	50.476	100.	0.	1562.262	39.525	0.	12.5	95.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/19/86-12/06/95	21	8.8	17.157	136.	3.2	785.875	28.033	5.12	6.65	14.9	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/80-12/06/95	22	270.	279.636	411.	203.	2785.195	52.775	219.9	241.5	314.25	359.7
00300	OXYGEN, DISSOLVED MG/L	04/07/80-12/06/95	21	9.4	9.419	15.2	6.3	4.289	2.071	7.06	7.8	10.45	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/80-12/06/95	22	2.	2.395	8.3	0.5	3.856	1.964	0.5	0.725	3.825	5.06
00400	PH (STANDARD UNITS)	04/07/80-12/06/95	22	7.95	8.102	9.3	7.6	0.199	0.446	7.63	7.7	8.425	8.74
00400	CONVERTED PH (STANDARD UNITS)	04/07/80-12/06/95	22	7.947	7.945	9.3	7.6	0.225	0.474	7.63	7.7	8.425	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/80-12/06/95	22	0.011	0.011	0.025	0.001	0.	0.008	0.002	0.004	0.02	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/80-12/06/95	20	74.	76.65	118.	49.	265.818	16.304	57.1	66.25	85.25	100.5
00480	SALINITY - PARTS PER THOUSAND	01/27/86-12/06/95	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/86-12/06/95	22	17.	22.364	116.	2.	583.766	24.161	2.3	8.25	26.75	42.9
00600	NITROGEN, TOTAL (MG/L AS N)	04/07/80-12/06/95	19	3.54	3.836	7.6	2.8	1.192	1.092	2.9	3.07	4.2	4.84
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/07/80-12/06/95	22	0.033	0.051	0.149	0.012	0.002	0.041	0.015	0.02	0.076	0.131
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	21	0.025	0.029	0.084	0.013	0.	0.015	0.015	0.02	0.035	0.048
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-12/06/95	20	2.785	2.869	3.66	2.28	0.137	0.37	2.389	2.64	3.145	3.554
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/80-12/06/95	20	0.65	0.868	3.9	0.286	0.615	0.784	0.31	0.514	0.938	1.432
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/86-12/06/95	21	2.8	2.95	4.	2.3	0.19	0.436	2.424	2.675	3.2	3.68
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/80-12/06/95	22	0.115	0.144	0.5	0.04	0.012	0.109	0.043	0.07	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/07/80-12/06/95	20	0.216	0.258	1.2	0.056	0.062	0.249	0.084	0.104	0.294	0.488
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/86-12/06/95	22	3.45	4.041	7.6	2.3	2.123	1.457	2.52	2.975	4.675	6.83
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/07/80-12/06/95	20	1700.	5944.5	25000.	130.	60876415.526	7802.334	271.	867.5	7675.	21500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/07/80-12/06/95	20	3.23	3.381	4.398	2.114	0.415	0.644	2.406	2.934	3.884	4.331
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2403.682								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	22	4.19	17.655	161.48	1.	1420.638	37.691	1.587	1.978	9.618	75.156
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/27/86-12/06/95	22	1.38	1.795	8.07	0.	4.4	2.098	0.	0.53	2.318	6.016

** - Less than 9 observations ## - Computed 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: MONO0041

NPS Station ID: MONO0041
LAT/LON: 39.426948/ -77.381115
Agency: 1113UPEN
Date Created: / /
Location: PKG.CORP.OF AMER.FREDERICK EFF#1
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 005 /005 /PKG 01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.010
Distance from RF1: 18.60
On/Off RF1: OFF
RF3 Index: 02070009003800.00
RF3 Mile Point: 3.13
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0041

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: MONO0042

NPS Station ID: MONO0042
LAT/LON: 39.427198/ -77.381226
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT MOUTH
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.400
Distance from RF1: 19.00
On/Off RF1: OFF
RF3 Index: 02070009058600.00
RF3 Mile Point: 0.02
Distance from RF3: 0.05
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS .00
RECEIVING TRIBUTARY IS MONACACY RIVER AT MOUTH

Parameter Inventory for Station: MONO0042

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

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

Station Inventory for Station: MONO0043

NPS Station ID: MONO0043 LAT/LON: 39.427198/ -77.381226 Agency: 21MDEXP Date Created: 10/11/80
Location: MOUTH OF CREEK AT THE FREDERICK SEWAGE TREATMENT FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0201
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 2.400 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009003804.17 RF3 Mile Point: 4.94 Distance from RF3: 0.06 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 20.10
RECEIVING TRIBUTARY IS MONOCACY RIVER MOUTH OF CREEK AT THE FREDERICK SEWAGE TREATMENT PLANT

Parameter Inventory for Station: MONO0043

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

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

Station Inventory for Station: MONO0044

NPS Station ID: MONO0044
LAT/LON: 39.387670/ -77.381365
Agency: 21MD
Date Created: 10/06/79
Location: BRIDGE ON REELS MILL ROAD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0155
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 9.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 020700090000104.71
RF3 Mile Point: 4.73
Distance from RF3: 0.17
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 15.50
RECEIVING TRIBUTARY IS POTOMAC RIVER BRIDGE ON REELS MILL ROAD

Parameter Inventory for Station: MONO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/78-04/07/81	39	21.5	18.562	27.5	2.1	57.069	7.554	6.	11.3	25.	26.
00023	SAMPLE WEIGHT IN POUNDS	10/01/79-10/01/82	12	0.21	0.228	0.62	0.02	0.032	0.179	0.02	0.075	0.358	0.557
00024	SAMPLE LENGTH IN INCHES	10/01/79-10/01/82	12	7.25	7.147	11.8	3.56	6.791	2.606	3.65	4.905	9.075	11.29
00060	FLOW, STREAM, MEAN DAILY CFS	07/24/78-12/03/79	15	650.	848.667	2680.	115.	643487.81	802.177	131.8	232.	1520.	2332.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/24/78-12/03/79	16	8.25	13.219	52.	2.8	175.123	13.233	3.08	6.25	16.5	40.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/78-12/03/79	17	215.	205.353	335.	102.	4984.993	70.604	112.4	131.5	264.	293.4
00300	OXYGEN, DISSOLVED MG/L	07/24/78-12/01/80	18	8.05	9.306	15.2	5.9	7.004	2.647	6.26	7.475	11.225	13.67
00400	PH (STANDARD UNITS)	07/24/78-12/03/79	16	7.4	7.431	8.4	6.3	0.37	0.609	6.44	7.125	7.95	8.26
00400	CONVERTED PH (STANDARD UNITS)	07/24/78-12/03/79	16	7.4	7.043	8.4	6.3	0.531	0.729	6.44	7.125	7.95	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/78-12/03/79	16	0.04	0.091	0.501	0.004	0.019	0.137	0.006	0.011	0.075	0.372
00403	PH, LAB, STANDARD UNITS SU	07/24/78-03/12/79	7	7.2	7.386	8.1	6.7	0.291	0.54	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/78-03/12/79	7	7.2	7.147	8.1	6.7	0.358	0.598	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/78-03/12/79	7	0.063	0.071	0.2	0.008	0.005	0.069	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/24/78-08/20/79	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/78-12/03/79	16	9.5	17.875	86.	1.	464.383	21.55	1.7	5.	26.	53.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/78-12/03/79	16	0.165	0.211	0.6	0.06	0.022	0.148	0.067	0.105	0.275	0.488
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/78-12/03/79	16	0.05	0.054	0.124	0.01	0.001	0.038	0.012	0.017	0.085	0.116
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/78-12/03/79	16	2.045	2.082	3.38	1.18	0.198	0.445	1.558	1.923	2.228	2.715
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/78-12/03/79	16	0.945	0.849	1.2	0.23	0.067	0.258	0.419	0.675	1.053	1.123
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/78-12/03/79	16	0.205	0.224	0.4	0.08	0.014	0.117	0.094	0.11	0.35	0.4
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/78-04/07/81	31	14.	15.439	35.	0.9	69.904	8.361	3.26	11.	20.	28.16
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/79-10/01/82	12 ##	0.025	0.047	0.17	0.025	0.002	0.042	0.025	0.025	0.06	0.14
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/24/78-12/03/79	12	1500.	3787.5	23000.	230.	42401693.182	6511.658	230.	930.	2300.	18890.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/24/78-12/03/79	12	3.176	3.2	4.362	2.362	0.326	0.571	2.362	2.968	3.362	4.244
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1583.823								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/24/78-12/03/79	12	230.	2617.167	23000.	43.	42621569.242	6528.52	58.	230.	1357.5	17390.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/24/78-12/03/79	12	2.362	2.678	4.362	1.633	0.562	0.75	1.734	2.362	3.124	4.143
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			476.927								
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
34670	PCB - 1260 WET WGTTISMG/KG	10/01/79-10/01/82	12	0.087	0.089	0.15	0.04	0.001	0.034	0.042	0.056	0.119	0.144
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/01/79-10/01/82	12	0.029	0.044	0.14	0.004	0.002	0.042	0.006	0.014	0.072	0.129
34685	ENDRIN WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	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 time series plot

Parameter Inventory for Station: MONO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.002
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.002	0.001	0.	0.001	0.001	0.001	0.001	0.002
34691	TOXAPHENE WET WGTTISMG/KG	10/01/79-10/01/82	12 ##	0.005	0.032	0.24	0.005	0.005	0.071	0.005	0.005	0.005	0.198
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/79-10/01/82	12 ##	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.001	0.004
39105	PERCENT FAT HEXANE EXTRACTION	10/01/82-10/01/82	2	4.1	4.1	4.7	3.5	0.72	0.849	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	12 ##	0.001	0.004	0.02	0.001	0.	0.006	0.001	0.001	0.007	0.016
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	12	0.005	0.005	0.02	0.001	0.	0.005	0.001	0.001	0.007	0.017
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/01/79-10/01/82	12	0.03	0.028	0.06	0.002	0.	0.019	0.003	0.01	0.045	0.057
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/01/79-10/01/82	12	0.004	0.005	0.01	0.001	0.	0.003	0.001	0.002	0.007	0.009
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/78-04/07/81	25	153.	150.88	254.	96.	1484.943	38.535	104.8	119.	180.	199.4
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/79-10/01/82	12	0.12	0.12	0.19	0.06	0.002	0.047	0.063	0.07	0.165	0.187
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	12	1.7	1.7	3.4	0.25	1.2	1.095	0.25	0.8	2.75	3.25
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	12	0.66	0.601	0.92	0.05	0.081	0.285	0.062	0.493	0.838	0.92
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	12	15.5	16.433	23.9	10.	21.441	4.63	10.27	13.	20.15	23.84
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/82	12 ##	0.25	0.287	0.9	0.05	0.044	0.211	0.071	0.213	0.265	0.75
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/79-10/01/82	12	0.24	0.246	0.48	0.	0.013	0.115	0.051	0.198	0.283	0.45
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/01/79-10/01/82	12	5.	7.333	22.	4.	28.242	5.314	4.	5.	9.5	19.
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/01/79-10/01/82	12 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/79-10/01/82	12 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/82	12 ##	0.001	0.001	0.007	0.001	0.	0.002	0.001	0.001	0.001	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

EPA Water Quality Criteria Analysis for Station: MONO0044

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	1	0.06	6	1	0.17	5	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	16	2	0.13	6	0	0.00	5	2	0.40	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	7	0.58	4	3	0.75	4	3	0.75	4	1	0.25			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	10	0.83	4	4	1.00	4	3	0.75	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: MONO0045

NPS Station ID: MONO0045
LAT/LON: 39.426948/ -77.381115
Agency: 1113UPEN
Date Created: / /
Location: PKG.CORP.OF AMER.FREDERICK EFF#2
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 006 /006 /PKG 02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009003800.00
RF3 Mile Point: 0.16
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0045

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: MONO0046

NPS Station ID: MONO0046
LAT/LON: 39.426948/ -77.383337
Agency: 1113UPEN
Date Created: / /
Location: PKG.CORP.OF AMER.FREDERICK UPSTR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 007 /007 /PKG 03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.400
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0046

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: MONO0047

NPS Station ID: MONO0047 LAT/LON: 39.427476/ -77.383726 Agency: 21MDEXP Date Created: 10/11/80
Location: BRIDGE TO THE FREDERICK SEWAGE TREATMENT PLANT FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 2.400 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009003800.00 RF3 Mile Point: 0.16 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS .10
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE TO THE FREDERICK SEWAGE TREATMENT PLANT

Parameter Inventory for Station: MONO0047

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

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

Station Inventory for Station: MONO0048

NPS Station ID: MONO0048
LAT/LON: 39.425281/ -77.385115
Agency: 21MDEXP
Date Created: 10/11/80
Location: FIRST FARM ABOVE MOUTH
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 2.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009003800.00
RF3 Mile Point: 0.22
Distance from RF3: 0.01
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS .40
RECEIVING TRIBUTARY IS MONOCACY RIVER FIRST FARM ABOVE MOUTH

Parameter Inventory for Station: MONO0048

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

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

Station Inventory for Station: MONO0049

NPS Station ID: MONO0049 LAT/LON: 39.369893/ -77.387337 Agency: 11NPSWRD Date Created: 12/05/98
Location: BUSH CREEK APPROX. 100 M UPSTREAM OF MONOCACY FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_HOOD_BC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BUCKEYSTOWN MARYLAND 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SAMPLING SITE IS INSIDE MONOCACY NATIONAL BATTLEFIELD (MONO) AT BUSH CREEK APPROXIMATELY 100 METERS UPSTREAM OF WHERE THE CREEK ENTERS THE MONOCACY RIVER. SAMPLING WAS DONE BY STUDENTS IN THE ENVIRONMENTAL SCIENCE AND POLICY 470 COURSE AT HOOD COLLEGE. UNDER THE GUIDANCE OF PROFESSOR LORI WOLLERMAN; STUDENTS IN THE CLASS USED THE WATER QUALITY DATA THEY COLLECTED TO WRITE "A DRAFT STATEMENT FOR MANAGEMENT FOR THE MONOCACY" (1997). FOR MORE INFORMATION ABOUT THE DRAFT STATEMENT AND THE WATER QUALITY DATA CONTACT DOCTOR LORI WOLLERMAN; ASSISTANT PROFESSOR OF BIOLOGY; HOOD COLLEGE; 401 ROSEMONT AVENUE; FREDERICK MD 21701-8575 TEL(301)696-3648. FOR MORE INFORMATION ABOUT THE BATTLEFIELD CONTACT RESOURCE MANAGEMENT; MONO; 4801 URBANA PIKE; FREDERICK MD 21701-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 TEL(970)225-3516.

Parameter Inventory for Station: MONO0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	2	15.95	15.95	16.9	15.	1.805	1.344	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	2	9.85	9.85	10.4	9.3	0.605	0.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	2 ##	1.55	1.55	3.1	0.	4.805	2.192	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	2	7.57	7.57	8.04	7.1	0.442	0.665	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/21/96-09/28/96	2	7.354	7.354	8.04	7.1	0.535	0.732	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/96-09/28/96	2	0.044	0.044	0.079	0.009	0.002	0.05	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	2	3.	3.	3.5	2.5	0.5	0.707	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	2	10.	10.	10.5	9.5	0.5	0.707	**	**	**	**
61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	10150.	10150.	20000.	300.	194045000.	13930.004	**	**	**	**
61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	14100.	14100.	20000.	8200.	69620000.	8343.86	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	2 ##	0.005	0.005	0.01	0.	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 time series plot

EPA Water Quality Criteria Analysis for Station: MONO0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MONO0050

NPS Station ID: MONO0050 | LAT/LON: 39.369781/ -77.388253 | Agency: 11NPSWRD | Date Created: 12/05/98
Location: AT CONFLUENCE OF BUSH CREEK AND MONOCACY RIVER | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_HOOD_MR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BUCKEYSTOWN MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SAMPLING SITE IS INSIDE MONOCACY NATIONAL BATTLEFIELD (MONO) AT THE CONFLUENCE OF BUSH CREEK AND THE MONOCACY RIVER. SAMPLING WAS DONE BY STUDENTS IN THE ENVIRONMENTAL SCIENCE AND POLICY 470 COURSE AT HOOD COLLEGE. UNDER THE GUIDANCE OF PROFESSOR LORI WOLLERMAN; STUDENTS IN THE CLASS USED THE WATER QUALITY DATA THEY COLLECTED TO WRITE "A DRAFT STATEMENT FOR MANAGEMENT FOR THE MONOCACY" (1997). FOR MORE INFORMATION ABOUT THE DRAFT STATEMENT AND THE WATER QUALITY DATA CONTACT DOCTOR LORI WOLLERMAN; ASSISTANT PROFESSOR OF BIOLOGY; HOOD COLLEGE; 401 ROSEMONT AVENUE; FREDERICK MD 21701-8575 TEL(301)696-3648. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT RESOURCE MANAGEMENT; MONO; 4801 URBANA PIKE; FREDERICK MD 21701-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 TEL(970)225-3516.

Parameter Inventory for Station: MONO0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	2	16.2	16.2	17.	15.4	1.28	1.131	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	2	9.65	9.65	10.3	9.	0.845	0.919	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	2 ##	0.85	0.85	1.7	0.	1.445	1.202	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	2	7.7	7.7	8.15	7.25	0.405	0.636	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/21/96-09/28/96	2	7.5	7.5	8.15	7.25	0.485	0.697	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/96-09/28/96	2	0.032	0.032	0.056	0.007	0.001	0.035	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	2	2.55	2.55	2.7	2.4	0.045	0.212	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	2	0.165	0.165	0.19	0.14	0.001	0.035	**	**	**	**
50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	2	9.55	9.55	10.7	8.4	2.645	1.626	**	**	**	**
61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	586.5	586.5	900.	273.	196564.5	443.356	**	**	**	**
61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	5218.	5218.	5800.	4636.	677448.	823.072	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	2 ##	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: MONO0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MONO0051

NPS Station ID: MONO0051 LAT/LON: 39.423615/ -77.388310 Agency: 21MDEXP Date Created: 10/11/80
Location: 0.5 MILE BELOW HIGHLAND ST.BRIDGE, NEAR FAIRVIEW FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0007
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 2.290 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009003800.00 RF3 Mile Point: 0.27 Distance from RF3: 0.03 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS .70
RECEIVING TRIBUTARY IS MONOCACY RIVER 0.5 MILE BELOW HIGHLAND ST.BRIDGE, NEAR FAIRVIEW CEMETERY

Parameter Inventory for Station: MONO0051

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

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

Station Inventory for Station: MONO0052

NPS Station ID: MONO0052
LAT/LON: 39.369810/ -77.388366
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT THE MOUTH OF BUSH CREEK
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): BSC0000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 7.970
Distance from RF1: 19.30
On/Off RF1: OFF
RF3 Index: 02070009003402.28
RF3 Mile Point: 2.27
Distance from RF3: 0.02
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE BUSH CREEK RIVER MILE IS .01
RECEIVING TRIBUTARY IS MONOCACY RIVER AT THE MOUTH OF BUSH CREEK

Parameter Inventory for Station: MONO0052

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

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

Station Inventory for Station: MONO0053

NPS Station ID: MONO0053 LAT/LON: 39.373920/ -77.389448 Agency: 21MDEXP Date Created: 10/11/80
Location: RR BRIDGE CROSSING THE MONOACACY JUST ABOVE BUSH FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MAN0140
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009005 RF1 Mile Point: 8.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009000602.01 RF3 Mile Point: 2.00 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 14.01
RECEIVING TRIBUTARY IS POTOMAC RIVER RR BRIDGE CROSSING THE MONOACACY JUST ABOVE BUSH CK

Parameter Inventory for Station: MONO0053

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

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

Station Inventory for Station: MONO0054

NPS Station ID: MONO0054 LAT/LON: 39.443366/ -77.389476 Agency: 21MDEXP Date Created: 10/11/80
Location: FREDERICK MONOCACY RIVER WATER PLANT FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MON0218
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 4.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009094300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 21.80
RECEIVING TRIBUTARY IS POTOMAC RIVER FREDERICK MONOCACY RIVER WATER PLANT

Parameter Inventory for Station: MONO0054

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

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

Station Inventory for Station: MONO0055

NPS Station ID: MONO0055
LAT/LON: 39.369448/ -77.390281
Agency: 1113PPWQ
Date Created: / /
Location: MONOCACY R. RTE 355 BR S FREDRCK
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 081 /081 /MON-MR3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 7.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000502.85
RF3 Mile Point: 3.81
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	100.	100.	150.	50.	5000.	70.711	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-07/28/69	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	7.1	7.1	7.8	6.4	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.356	0.356	0.406	0.305	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	2.191	2.191	2.845	1.536	0.857	0.926	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.125	1.125	1.42	0.83	0.174	0.417	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	160900.	160900.	160900.	160900.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	5.207	5.207	5.207	5.207	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			160900.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	160450.	160450.	160900.	160000.	405000.	636.396	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	5.205	5.205	5.207	5.204	0.	0.002	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			160449.369								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	42.75	42.75	42.75	42.75	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	1.525	1.525	2.	1.05	0.451	0.672	**	**	**	**

** - Less 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: MONO0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	2	1.00	1	1	1.00				1	1	1.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	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: MONO0056

NPS Station ID: MONO0056
LAT/LON: 39.368976/ -77.391892
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON MARYLAND ROUTE 355
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0138
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 7.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000505.56
RF3 Mile Point: 6.45
Distance from RF3: 0.03
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 13.80
RECEIVING TRIBUTARY IS POTOMAC RIVER BRIDGE ON MARYLAND ROUTE 355

Parameter Inventory for Station: MONO0056

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

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

Station Inventory for Station: MONO0057

NPS Station ID: MONO0057
LAT/LON: 39.432642/ -77.395782
Agency: 21MDEXP
Date Created: 10/11/80
Location: BOWERS ROAD BRIDGE, SE SHOOKSTOWN
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UFJ0016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 3.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009095001.44
RF3 Mile Point: 2.16
Distance from RF3: 0.01
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS 1.60
RECEIVING TRIBUTARY IS CARROLL CREEK BOWERS ROAD BRIDGE, SE SHOOKSTOWN

Parameter Inventory for Station: MONO0057

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

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

Station Inventory for Station: MONO0058

NPS Station ID: MONO0058 LAT/LON: 39.442143/ -77.397116 Agency: 11NPSWRD Date Created: 02/20/99
Location: TRIB TO THE MONOCACY RIVER SITE FR-P-335-110 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_MDDNR_110
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FREDERICK MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-335-110 IS LOCATED AT A TRIBUTARY TO THE MONOCACY RIVER. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/96-06/06/96	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/96-03/06/96	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/96-03/06/96	1	707.	707.	707.	707.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/06/96-06/06/96	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/96-03/06/96	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/96-03/06/96	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/96-03/06/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/06/96-03/06/96	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/06/96-03/06/96	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/96-03/06/96	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/06/96-03/06/96	1	2.79	2.79	2.79	2.79	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/06/96-03/06/96	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/06/96-03/06/96	1	31.	31.	31.	31.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/06/96-03/06/96	1	4148.3	4148.3	4148.3	4148.3	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/06/96-03/06/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0059

NPS Station ID: MONO0059 LAT/LON: 39.439226/ -77.399366 Agency: 21MDEXP Date Created: 10/11/80
Location: AT BRIDGE TO FORT DETRICK SEWAGE TREATMENT PLANT FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): WOR0001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009009 RF1 Mile Point: 3.800 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009097200.19 RF3 Mile Point: 0.59 Distance from RF3: 0.06 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE WORMAN'S RUN RIVER MILE IS .10
RECEIVING TRIBUTARY IS MONOCACY RIVER AT BRIDGE TO FORT DETRICK SEWAGE TREATMENT PLANT

Parameter Inventory for Station: MONO0059

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

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

Station Inventory for Station: MONO0060

NPS Station ID: MONO0060
LAT/LON: 39.415892/ -77.399588
Agency: 21MDEXP
Date Created: 10/11/80
Location: HIGHLAND ST. BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0015
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 0.41
Distance from RF3: 0.10
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 1.50
RECEIVING TRIBUTARY IS MONOCACY RIVER HIGHLAND ST. BRIDGE

Parameter Inventory for Station: MONO0060

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

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

Station Inventory for Station: MONO0061

NPS Station ID: MONO0061
LAT/LON: 39.364726/ -77.400004
Agency: 1112A9WQ
Date Created: / /
Location: MONOCACY RIV AT RT 7 OS
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UP-POT-112 /POTOMAC 112 /112 /MONAC 112
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070009
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 7.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000509.92
RF3 Mile Point: 12.71
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/72-04/16/73	3	11.5	10.767	18.8	2.	70.963	8.424	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/72-04/16/73	3	10.6	9.767	13.1	5.6	14.583	3.819	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-05/25/72	2	5.65	5.65	9.8	1.5	34.445	5.869	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/72-05/25/72	2	7.2	7.2	7.5	6.9	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/72-05/25/72	2	7.104	7.104	7.5	6.9	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/72-05/25/72	2	0.079	0.079	0.126	0.032	0.004	0.067	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/72-05/25/72	2	144.	144.	234.	54.	16200.	127.279	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/72-05/25/72	2	31.5	31.5	34.	29.	12.5	3.536	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/16/73	5	0.16	2.126	10.1	0.08	19.872	4.458	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/16/73	5	0.582	2.587	10.8	0.33	21.104	4.594	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/16/73	5	2.1	2.592	4.45	1.8	1.165	1.079	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/16/73	5	0.17	1.578	6.85	0.12	8.727	2.954	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/72-02/15/73	4	2.65	5.025	12.9	1.9	27.729	5.266	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/23/72-02/15/73	4	19.35	26.325	54.5	12.1	395.776	19.894	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-05/25/72	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/25/72	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/25/72	2 ##	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/23/72-05/25/72	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/25/72	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/25/72	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/25/72	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/16/73	5	0.3	2.346	9.93	0.29	18.045	4.248	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-05/25/72	2	0.001	0.001	0.001	0.001	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: MONO0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	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			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	15.	2	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			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: MONO0062

NPS Station ID: MONO0062
LAT/LON: 39.438115/ -77.401838
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT BRIDGE ON NORTH MARKET STREET
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WOR0004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 3.800
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009094200.00
RF3 Mile Point: 0.20
Distance from RF3: 0.03
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE WORMON'S RUN RIVER MILE IS .40
RECEIVING TRIBUTARY IS MONOCACY RIVER AT BRIDGE ON NORTH MARKET STREET

Parameter Inventory for Station: MONO0062

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

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

Station Inventory for Station: MONO0063

NPS Station ID: MONO0063
LAT/LON: 39.414226/ -77.402392
Agency: 21MDEXP
Date Created: 10/11/80
Location: EAST PATRICK ST. BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0017
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 10.80
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 0.89
Distance from RF3: 0.06
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 1.70
RECEIVING TRIBUTARY IS MONOCACY RIVER EAST PATRICK ST. BRIDGE

Parameter Inventory for Station: MONO0063

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

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

Station Inventory for Station: MONO0064

NPS Station ID: MONO0064
LAT/LON: 39.464448/ -77.403059
Agency: 112WRD
Date Created: 09/25/82
Location: TUSCARORA C NR FREDERICK, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01641900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 02070009003300.02
RF3 Mile Point: 0.31
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/09/82-06/14/83	4	13.5	13.375	26.	0.5	181.896	13.487	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/83-06/14/83	2	13.5	13.5	33.	-6.	760.5	27.577	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/09/82-06/14/83	4	8.	10.25	20.	5.	44.917	6.702	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/09/82-06/14/83	4	10.	10.75	20.	3.	51.583	7.182	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/09/82-06/14/83	4	254.	248.5	290.	196.	1835.667	42.845	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/09/82-06/14/83	3	7.9	9.6	13.4	7.5	10.87	3.297	**	**	**	**
00400	PH (STANDARD UNITS)	03/09/82-06/14/83	4	7.85	7.925	8.2	7.8	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/09/82-06/14/83	4	7.847	7.898	8.2	7.8	0.037	0.192	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/09/82-06/14/83	4	0.014	0.013	0.016	0.006	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/09/82-06/14/83	4	7.65	7.55	7.7	7.2	0.057	0.238	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/09/82-06/14/83	4	7.647	7.494	7.7	7.2	0.061	0.247	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/09/82-06/14/83	4	0.023	0.032	0.063	0.02	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/18/83-06/14/83	2	108.5	108.5	120.	97.	264.5	16.263	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/09/82-07/23/82	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/83-01/18/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/09/82-06/14/83	3	0.6	0.877	1.6	0.43	0.4	0.632	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/09/82-06/14/83	4	3.25	3.375	4.4	2.6	0.603	0.776	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/83-01/18/83	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/18/83-01/18/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/82-06/14/83	4	0.07	0.09	0.18	0.04	0.004	0.062	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/83-01/18/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/83-01/18/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/82-06/14/83	3	2.6	2.767	3.6	2.1	0.583	0.764	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/09/82-01/18/83	3	120.	109.667	130.	79.	730.333	27.025	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/09/82-06/14/83	4	37.	34.75	40.	25.	50.25	7.089	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/09/82-06/14/83	4	5.15	5.25	6.7	4.	1.31	1.145	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/09/82-06/14/83	4	5.9	5.85	6.6	5.	0.757	0.87	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/09/82-01/18/83	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	03/09/82-01/18/83	3	10.	11.	15.	8.	13.	3.606	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/09/82-06/14/83	4	2.4	2.575	3.4	2.1	0.382	0.618	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/09/82-06/14/83	4	10.	10.75	14.	9.	4.917	2.217	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/09/82-06/14/83	4	14.5	14.5	18.	11.	12.333	3.512	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/09/82-06/14/83	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/82-06/14/83	4	8.45	8.125	9.2	6.4	1.462	1.209	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	03/09/82-06/14/83	4	225.	325.	680.	170.	57500.	239.792	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/09/82-06/14/83	4	280.	385.	750.	230.	61433.333	247.857	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/09/82-06/14/83	4	64.5	60.75	74.	40.	248.917	15.777	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/09/82-06/14/83	4	8.5	13.	30.	5.	132.667	11.518	**	**	**	**

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

Parameter Inventory for Station: MONO0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	03/09/82-06/14/83	4	50.	55.	90.	30.	633.333	25.166	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/09/82-06/14/83	4	40.5	42.25	63.	25.	248.917	15.777	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/23/82-07/23/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/23/82-07/23/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	07/23/82-07/23/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/09/82-06/14/83	4	158.	154.	179.	121.	678.	26.038	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/09/82-01/18/83	3	144.	130.667	145.	103.	574.333	23.965	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/09/82-01/18/83	3	3.21	3.913	6.4	2.13	4.929	2.22	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/09/82-01/18/83	3	0.23	0.21	0.24	0.16	0.002	0.044	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/82-06/14/83	3	0.1	0.087	0.12	0.04	0.002	0.042	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/09/82-06/14/83	4	0.215	0.275	0.55	0.12	0.036	0.191	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/09/82-07/23/82	2	20.	20.	27.	13.	98.	9.899	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/23/82-07/23/82	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

EPA Water Quality Criteria Analysis for Station: MONO0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00				2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00				2	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00				2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00				2	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				2	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	250.	4	0	0.00				2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00				2	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00				2	0	0.00	2	0	0.00			

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

Station Inventory for Station: MONO0065

NPS Station ID: MONO0065
LAT/LON: 39.464198/ -77.404115
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON US ROUTE 15
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TUS0018
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009009
RF1 Mile Point: 8.230
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009003200.56
RF3 Mile Point: 1.83
Distance from RF3: 0.05
On/Off RF3:
Description:
02-14-03-03 UPPER MONOCACY RIVER DRAINAGE TUSCARORA CREEK RIVER MILE IS 1.80
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE ON US ROUTE 15

Parameter Inventory for Station: MONO0065

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

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

Station Inventory for Station: MONO0066

NPS Station ID: MONO0066
LAT/LON: 39.413115/ -77.406642
Agency: 21MDEXP
Date Created: 10/11/80
Location: BELOW EAST ST. BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0019
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 12.70
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 1.08
Distance from RF3: 0.05
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 1.90
RECEIVING TRIBUTARY IS MONOCACY RIVER BELOW EAST ST. BRIDGE

Parameter Inventory for Station: MONO0066

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

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

Station Inventory for Station: MONO0067

NPS Station ID: MONO0067
LAT/LON: 39.362642/ -77.409476
Agency: 11NPSWRD
Date Created: 12/05/98
Location: MONOCACY RIVER AT MCKINNEY FORD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONO_HOOD_MF
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 02070009054801.21
RF3 Mile Point: 1.43
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BUCKEYSTOWN MARYLAND 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS INSIDE MONOCACY NATIONAL BATTLEFIELD (MONO). SAMPLES WERE TAKEN FROM THE MONOCACY RIVER AT MCKINNEY FORD JUST UPSTREAM FROM WHERE BALLENGER CREEK ENTERS THE MONOCACY RIVER. SAMPLING WAS DONE BY STUDENTS IN THE ENVIRONMENTAL SCIENCE AND POLICY 470 COURSE AT HOOD COLLEGE. UNDER THE GUIDANCE OF PROFESSOR LORI WOLLERMAN; STUDENTS IN THE CLASS USED THE WATER QUALITY DATA THEY COLLECTED TO WRITE "A DRAFT STATEMENT FOR MANAGEMENT FOR THE MONOCACY" (1997). FOR MORE INFORMATION ABOUT THE DRAFT STATEMENT AND THE WATER QUALITY DATA CONTACT DOCTOR LORI WOLLERMAN; ASSISTANT PROFESSOR OF BIOLOGY; HOOD COLLEGE; 401 ROSEMONT AVENUE; FREDERICK MD 21701-8575 TEL(301)696-3648. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT RESOURCE MANAGEMENT; MONO; 4801 URBANA PIKE; FREDERICK MD 21701-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NPS-WRD; FORT COLLINS CO 80525-5596 TEL(970)225-3516.

Parameter Inventory for Station: MONO0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/96-09/28/96	2	16.8	16.8	17.	16.6	0.08	0.283	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/96-09/28/96	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/96-09/28/96	2	8.55	8.55	8.6	8.5	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/96-09/28/96	2 ##	0.45	0.45	0.9	0.	0.405	0.636	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/21/96-09/28/96	2	7.54	7.54	7.88	7.2	0.231	0.481	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/21/96-09/28/96	2	7.419	7.419	7.88	7.2	0.261	0.511	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/96-09/28/96	2	0.038	0.038	0.063	0.013	0.001	0.035	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/96-09/28/96	2	0.005	0.005	0.009	0.001	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/96-09/28/96	2	2.3	2.3	2.5	2.1	0.08	0.283	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/21/96-09/28/96	2	0.275	0.275	0.31	0.24	0.002	0.049	**	**	**	**
50261	DISSOLVED OXYGEN, INTERGRAVEL WINKLER TITRATN MG/L	09/21/96-09/28/96	2	7.05	7.05	7.3	6.8	0.125	0.354	**	**	**	**
61207	E.COLI, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	400.	400.	500.	300.	20000.	141.421	**	**	**	**
61208	COLIFORM, TOTAL, MEMBRANE FILTER, 35C, #/100ML	09/21/96-09/28/96	2	5800.	5800.	6300.	5300.	500000.	707.107	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/21/96-09/28/96	2 ##	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MONO0068

NPS Station ID: MONO0068
LAT/LON: 39.363142/ -77.410253
Agency: 21MDEXP
Date Created: 10/11/80
Location: 250 YDS ABOVE MOUTH OF BALLENGER CK/50 FT ABOVE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0128
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 6.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000502.85
RF3 Mile Point: 3.81
Distance from RF3: 0.08
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 12.80
RECEIVING TRIBUTARY IS POTOMAC RIVER 250 YDS ABOVE MOUTH OF BALLENGER CK/50 FT ABOVE STP OUTFALL

Parameter Inventory for Station: MONO0068

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

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

Station Inventory for Station: MONO0069

NPS Station ID: MONO0069
LAT/LON: 39.412809/ -77.411948
Agency: 21MDEXP
Date Created: 10/11/80
Location: SOUTH MARKET ST. BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 15.00
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 1.20
Distance from RF3: 0.02
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 2.20
RECEIVING TRIBUTARY IS MONOCACY RIVER SOUTH MARKET ST. BRIDGE

Parameter Inventory for Station: MONO0069

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

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

Station Inventory for Station: MONO0070

NPS Station ID: MONO0070
LAT/LON: 39.326392/ -77.413337
Agency: 1113PPWQ
Date Created: / /
Location: MONOCACY R. RTE 80 BR E BUKYSTWN
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 080 /080 /MON-MR2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 3.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009000101.04
RF3 Mile Point: 1.03
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	24.5	24.5	26.	23.	4.5	2.121	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	32.5	32.5	40.	25.	112.5	10.607	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-07/28/69	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	6.65	6.65	7.2	6.1	0.605	0.778	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.199	0.199	0.375	0.022	0.062	0.25	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	1.784	1.784	2.246	1.321	0.428	0.654	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.005	1.005	1.32	0.69	0.198	0.445	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	126350.	126350.	160900.	91800.	2387405000.	48861.079	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	5.085	5.085	5.207	4.963	0.03	0.172	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			121534.44								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	89050.	89050.	160900.	17200.	10324845000.	101611.244	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	4.721	4.721	5.207	4.236	0.471	0.687	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			52606.844								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	108.75	108.75	108.75	108.75	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	1.635	1.635	2.15	1.12	0.53	0.728	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0070

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	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: MONO0071

NPS Station ID: MONO0071
LAT/LON: 39.412809/ -77.414059
Agency: 21MDEXP
Date Created: 10/11/80
Location: SOUTH COURT ST. BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0023
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 17.50
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 3.29
Distance from RF3: 0.06
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 2.30
RECEIVING TRIBUTARY IS MONOCACY SOUTH COURT ST. BRIDGE

Parameter Inventory for Station: MONO0071

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

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

Station Inventory for Station: MONO0072

NPS Station ID: MONO0072
LAT/LON: 39.326059/ -77.415337
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON MARYLAND ROUTE 80
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MON0096
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 3.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009097200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE MONOCACY RIVER RIVER MILE IS 9.60
RECEIVING TRIBUTARY IS POTOMAC RIVER BRIDGE ON MARYLAND ROUTE 80

Parameter Inventory for Station: MONO0072

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

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

Station Inventory for Station: MONO0073

NPS Station ID: MONO0073
LAT/LON: 39.445281/ -77.415282
Agency: 112WRD
Date Created: 02/28/78
Location: FR De 2
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 392643077245501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009094700.00
RF3 Mile Point: 0.04
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/53-04/14/53	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/14/53-04/14/53	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/53-04/14/53	1	469.	469.	469.	469.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/14/53-04/14/53	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/14/53-04/14/53	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/53-04/14/53	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/53-04/14/53	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/53-04/14/53	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/14/53-04/14/53	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/14/53-04/14/53	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/53-04/14/53	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/53-04/14/53	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/53-04/14/53	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/53-04/14/53	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/53-04/14/53	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/53-04/14/53	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/53-04/14/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/53-04/14/53	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/14/53-04/14/53	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/14/53-04/14/53	1	268.	268.	268.	268.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/14/53-04/14/53	1	18.	18.	18.	18.	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: MONO0073

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			

& - 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: MONO0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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: MONO0074

NPS Station ID: MONO0074
LAT/LON: 39.416670/ -77.416671
Agency: 1113UPEN
Date Created: / /
Location: FREDERICK MUNICIPAL TAP WATER
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/MUN/TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 008 /008 /TAP 02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 0.22
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0074

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: MONO0075

NPS Station ID: MONO0075
LAT/LON: 39.364448/ -77.416948
Agency: 112WRD
Date Created: 11/06/82
Location: BALLENGER C NR LIME KILN, MD
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01643125
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 23.00
On/Off RF1:
RF3 Index: 02070009004700.10
RF3 Mile Point: 5.39
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/82-06/15/83	4	14.05	12.15	18.2	2.3	57.883	7.608	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/20/83-06/15/83	2	15.5	15.5	34.	-3.	684.5	26.163	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/82-06/15/83	4	14.5	15.25	26.	6.	87.583	9.359	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/23/82-06/15/83	3	7.	9.	17.	3.	52.	7.211	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/82-06/15/83	4	456.5	458.5	515.	406.	2167.	46.551	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/82-06/15/83	3	9.4	10.567	13.8	8.5	8.043	2.836	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/82-06/15/83	4	8.	7.975	8.3	7.6	0.143	0.377	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/82-06/15/83	4	7.904	7.861	8.3	7.6	0.16	0.4	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/82-06/15/83	4	0.012	0.014	0.025	0.005	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/82-06/15/83	4	7.65	7.725	8.1	7.5	0.082	0.287	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/82-06/15/83	4	7.625	7.662	8.1	7.5	0.088	0.296	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/82-06/15/83	4	0.024	0.022	0.032	0.008	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/83-06/15/83	2	186.	186.	190.	182.	32.	5.657	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/23/82-03/23/82	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/20/83-01/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/82-06/15/83	2	0.255	0.255	0.31	0.2	0.006	0.078	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/23/82-06/15/83	3	6.5	5.233	6.9	2.3	6.493	2.548	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/83-01/20/83	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/20/83-01/20/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/82-06/15/83	3	0.04	0.04	0.05	0.03	0.	0.01	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/20/83-01/20/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/83-01/20/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/23/82-06/15/83	3	1.2	1.167	1.4	0.9	0.063	0.252	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/82-08/12/82	2	200.	200.	230.	170.	1800.	42.426	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/82-06/15/83	3	68.	63.333	71.	51.	116.333	10.786	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/82-06/15/83	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/82-06/15/83	3	9.3	9.767	11.	9.	1.163	1.079	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/82-08/12/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	03/23/82-08/12/82	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/82-06/15/83	3	2.4	2.3	2.4	2.1	0.03	0.173	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/82-06/15/83	3	27.	27.	29.	25.	4.	2.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/82-06/15/83	3	23.	24.667	28.	23.	8.333	2.887	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/82-06/15/83	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/82-06/15/83	3	7.3	7.167	8.4	5.8	1.703	1.305	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/12/82-08/12/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/12/82-08/12/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MONO0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01044	IRON, SUSPENDED (UG/L AS FE)	03/23/82-06/15/83	3	240.	226.667	290.	150.	5033.333	70.946	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/23/82-06/15/83	3	250.	243.333	320.	160.	6433.333	80.208	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/23/82-06/15/83	3	10.	17.667	34.	9.	200.333	14.154	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/12/82-08/12/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/12/82-08/12/82	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/23/82-06/15/83	3	6.	6.	10.	2.	16.	4.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/23/82-06/15/83	3	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/23/82-06/15/83	3	24.	23.667	28.	19.	20.333	4.509	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/12/82-08/12/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/12/82-08/12/82	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/82-06/15/83	3	282.	269.667	285.	242.	576.333	24.007	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/23/82-08/12/82	2	231.5	231.5	253.	210.	924.5	30.406	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/82-08/12/82	2	11.8	11.8	16.8	6.8	50.	7.071	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/23/82-08/12/82	2	0.355	0.355	0.38	0.33	0.001	0.035	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/23/82-06/15/83	4	0.03	0.035	0.06	0.02	0.	0.017	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/23/82-06/15/83	3	0.12	0.12	0.15	0.09	0.001	0.03	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/23/82-03/23/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/12/82-08/12/82	1 ##	0.005	0.005	0.005	0.005	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: MONO0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00	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: MONO0076

NPS Station ID: MONO0076
LAT/LON: 39.364198/ -77.418392
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON US ROUTE 15
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): BNG0005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009005
RF1 Mile Point: 6.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070009015900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE BALLENGER CREEK RIVER MILE IS .50
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE ON US ROUTE 15

Parameter Inventory for Station: MONO0076

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

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

Station Inventory for Station: MONO0077

NPS Station ID: MONO0077
LAT/LON: 39.415531/ -77.422588
Agency: 21MDEXP
Date Created: 10/11/80
Location: FOOT BRIDGE TO MUNICIPAL POOL
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0029
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 18.50
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 3.42
Distance from RF3: 0.03
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 2.90
RECEIVING TRIBUTARY IS MONOCACY RIVER FOOT BRIDGE TO MUNICIPAL POOL

Parameter Inventory for Station: MONO0077

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

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

Station Inventory for Station: MONO0078

NPS Station ID: MONO0078 | LAT/LON: 39.331948/ -77.426949 | Agency: 12NSS | Date Created: 10/22/88
Location: NO NAME | | FIPS State/County: 24021 MARYLAND/FREDERICK |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 2B042044L /2BN2B042044L |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | | |
HUC: 02070009 | Depth of Water: 0 | Aquifer: | |
Major Basin: | Elevation: 70 | Water Body Id: | |
Minor Basin: | | ECO Region: | |
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 29.10 | On/Off RF1: |
RF3 Index: 02070009004800.86 | RF3 Mile Point: 6.98 | Distance from RF3: 0.39 | On/Off RF3: |

Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN: KAUFMANN, P.R., ET AL. 1988. CHEMICAL CHARACTERISTICS OF STREAMS IN THE MID-ATLANTIC AND SOUTHEASTERN UNITED STATES. VOL.I: POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/3-88/021A, U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. THE DATA IN STORET ARE THOSE REPORTED IN KAUFMANN ET AL. (1988) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: MONO0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72020 ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/27/86-03/27/86	1	230.	230.	230.	230.	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: MONO0079

NPS Station ID: MONO0079 LAT/LON: 39.331226/ -77.427032 Agency: 21MDEXP Date Created: 10/11/80
Location: ABOVE MOUTH OF STREAM ALONG MARYLAND ROUTE 80 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): RFR0001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009005 RF1 Mile Point: 3.950 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070009003300.02 RF3 Mile Point: 0.31 Distance from RF3: 0.03 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE ROCKY FOUNTAIN RUN RIVER MILE IS .10
RECEIVING TRIBUTARY IS MONOCACY RIVER ABOVE MOUTH OF STREAM ALONG MARYLAND ROUTE 80

Parameter Inventory for Station: MONO0079

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

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

Station Inventory for Station: MONO0080

NPS Station ID: MONO0080
LAT/LON: 39.421559/ -77.429003
Agency: 21MDEXP
Date Created: 10/11/80
Location: BAKER PARK BRIDGE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CAR0036
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 21.20
On/Off RF1:
RF3 Index: 02070009003800.00
RF3 Mile Point: 3.36
Distance from RF3: 0.00
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 3.60
RECEIVING TRIBUTARY IS MONOCACY RIVER BAKER PARK BRIDGE

Parameter Inventory for Station: MONO0080

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

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

Station Inventory for Station: MONO0081

NPS Station ID: MONO0081 LAT/LON: 39.424003/ -77.430420 Agency: 21MDEXP Date Created: 10/11/80
Location: JUST ABOVE UNNAMED TRIB.UFI,ALSO KNOWN AS ROCK FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0039
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 21.00 On/Off RF1:
RF3 Index: 02070009003802.27 RF3 Mile Point: 2.26 Distance from RF3: 0.05 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 3.90
RECEIVING TRIBUTARY IS MONOCACY RIVER JUST ABOVE UNNAMED TRIB.UFI,ALSO KNOWN AS ROCK CREEK

Parameter Inventory for Station: MONO0081

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

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

Station Inventory for Station: MONO0082

NPS Station ID: MONO0082
LAT/LON: 39.423476/ -77.430782
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT MOUTH, 1 MILE NE STATE POLICE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UFI0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009059300.00
RF3 Mile Point: 0.57
Distance from RF3: 0.04
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CARROLL CREEK AT MOUTH, 1 MILE NE STATE POLICE

Parameter Inventory for Station: MONO0082

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

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

Station Inventory for Station: MONO0083

NPS Station ID: MONO0083 | LAT/LON: 39.346392/ -77.432227 | Agency: 12NSS | Date Created: 10/22/88
Location: NO NAME | | FIPS State/County: 24021 MARYLAND/FREDERICK |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 2B042044U /2BN2B042044U |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 02070009 | Depth of Water: 0 | Aquifer: |
Major Basin: | Elevation: 88 | Water Body Id: |
Minor Basin: | | ECO Region: |
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 2.60 | On/Off RF1:
RF3 Index: 02070009096500.14 | RF3 Mile Point: 0.14 | Distance from RF3: 0.01 | On/Off RF3:

Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN: KAUFMANN, P.R., ET AL. 1988. CHEMICAL CHARACTERISTICS OF STREAMS IN THE MID-ATLANTIC AND SOUTHEASTERN UNITED STATES. VOL.I: POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/3-88/021A, U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. THE DATA IN STORET ARE THOSE REPORTED IN KAUFMANN ET AL. (1988) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: MONO0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72020 ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/27/86-03/27/86	1	290.	290.	290.	290.	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: MONO0084

NPS Station ID: MONO0084 LAT/LON: 39.428948/ -77.435753 Agency: 21MDEXP Date Created: 10/11/80
Location: BAUGHMAN'S LANE BRIDGE,JUST INSIDE CITY LIMITS FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0043
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 20.90 On/Off RF1:
RF3 Index: 02070009003802.27 RF3 Mile Point: 2.26 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 4.30
RECEIVING TRIBUTARY IS MONOCACY RIVER BAUGHMAN'S LANE BRIDGE,JUST INSIDE CITY LIMITS

Parameter Inventory for Station: MONO0084

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

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

Station Inventory for Station: MONO0085

NPS Station ID: MONO0085 LAT/LON: 39.429198/ -77.436476 Agency: 21MDEXP Date Created: 10/11/80
Location: ABOVE DRAIN BEHIND FRED.CAR WASH, NE OF WILSON FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0044
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 21.50 On/Off RF1:
RF3 Index: 02070009003802.75 RF3 Mile Point: 3.65 Distance from RF3: 0.01 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 4.40
RECEIVING TRIBUTARY IS MONOCACY RIVER ABOVE DRAIN BEHIND FRED.CAR WASH, NE OF WILSON

Parameter Inventory for Station: MONO0085

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

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

Station Inventory for Station: MONO0086

NPS Station ID: MONO0086
LAT/LON: 39.431115/ -77.439448
Agency: 112WRD
Date Created: 01/23/82
Location: FR Dd 178
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 392552077262201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 33.40
On/Off RF1:
RF3 Index: 02070009090700.81
RF3 Mile Point: 3.54
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-06/08/94	11	13.	13.109	15.	12.	0.537	0.733	12.12	12.8	13.2	14.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/28/89-06/08/94	9	18.	17.044	25.5	1.7	46.03	6.785	1.7	14.3	21.3	25.5
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/27/89-05/03/93	2	66.705	66.705	118.5	14.91	5365.444	73.249	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/21/81-08/21/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/91-06/08/94	4	3.	3.	5.	1.	5.333	2.309	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-06/08/94	11	585.	584.545	634.	510.	1338.273	36.582	517.	560.	620.	632.2
00300	OXYGEN, DISSOLVED MG/L	04/17/91-06/08/94	4	6.25	6.375	6.8	6.2	0.082	0.287	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/81-06/08/94	11	7.16	7.107	7.36	6.69	0.038	0.194	6.736	6.97	7.25	7.346
00400	CONVERTED PH (STANDARD UNITS)	08/21/81-06/08/94	11	7.16	7.064	7.36	6.69	0.04	0.2	6.736	6.97	7.25	7.346
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-06/08/94	11	0.069	0.086	0.204	0.044	0.002	0.046	0.045	0.056	0.107	0.187
00403	PH, LAB, STANDARD UNITS SU	08/21/81-06/08/94	10	7.4	7.47	8.	7.2	0.047	0.216	7.21	7.375	7.525	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/81-06/08/94	10	7.4	7.431	8.	7.2	0.048	0.22	7.21	7.375	7.525	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-06/08/94	10	0.04	0.037	0.063	0.01	0.	0.014	0.012	0.03	0.042	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/28/89-05/12/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	02/28/89-06/08/94	10	197.2	196.14	202.5	184.	23.829	4.882	185.	194.75	198.625	202.15
00440	BICARBONATE ION (MG/L AS HCO3)	02/28/89-05/12/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00449	BICARBONATE,INCREMENTAL TITRATION,(HCO3) LAB MG/L	05/03/93-06/08/94	2	231.	231.	238.	224.	98.	9.899	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	02/28/89-05/12/92	7	241.5	241.657	247.	236.6	10.806	3.287	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/93-06/08/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/91-05/12/92	2 ##	0.023	0.023	0.04	0.005	0.001	0.025	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/93-06/08/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/17/91-05/12/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/89-05/12/92	7	5.3	5.357	5.6	5.1	0.033	0.181	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/03/93-06/08/94	2	5.4	5.4	5.5	5.3	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/89-05/03/93	8	0.02	0.023	0.03	0.01	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/03/93-06/08/94	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/03/93-06/08/94	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/89-06/08/94	9	0.4	0.417	0.8	0.05	0.041	0.203	0.05	0.3	0.5	0.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-06/08/94	10	85.	85.3	91.	78.	21.122	4.596	78.3	81.	90.25	91.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-06/08/94	10	11.	10.71	12.	9.1	0.641	0.801	9.19	10.	11.	11.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-06/08/94	10	20.	19.3	23.	10.	14.678	3.831	10.7	17.75	22.25	23.
00931	SODIUM ADSORPTION RATIO	08/21/81-08/21/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/81-08/21/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-06/08/94	10	2.	1.98	2.1	1.7	0.017	0.132	1.72	1.9	2.1	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-06/08/94	10	43.5	43.4	56.	25.	79.156	8.897	26.1	38.25	50.	55.4
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-06/08/94	10	21.	21.5	28.	16.	9.833	3.136	16.4	20.	23.25	27.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-06/08/94	10 ##	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19

** - Less 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: MONO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-06/08/94	10	9.15	9.06	9.6	8.5	0.103	0.32	8.52	8.775	9.225	9.57
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/89-09/27/89	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/89-09/27/89	4	52.5	52.75	54.	52.	0.917	0.957	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/28/89-09/27/89	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	02/28/89-04/17/90	5 ##	5.	30.	130.	5.	3125.	55.902	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/89-09/27/89	4 ##	0.5	1.125	3.	0.5	1.563	1.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/81-08/21/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/89-09/27/89	4	1.5	1.375	2.	0.5	0.563	0.75	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/81-08/21/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	02/28/89-09/27/89	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/89-09/27/89	4	8.	7.75	14.	1.	44.917	6.702	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/21/81-08/21/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	08/21/81-08/21/81	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/21/81-06/08/94	10	55.	149.	1000.	10.	90810.	301.347	11.	27.5	95.	914.
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-06/08/94	10	3.5	5.3	13.	1.5	21.233	4.608	1.5	1.5	10.5	12.9
01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/89-04/17/91	5 ##	0.5	0.9	2.5	0.5	0.8	0.894	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/21/81-04/17/91	2	4.5	4.5	7.	2.	12.5	3.536	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/21/81-06/08/94	10	10.	11.	40.	5.	110.	10.488	5.	5.	10.	37.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/81-06/08/94	10 ##	0.5	1.05	5.	0.5	1.969	1.403	0.5	0.5	1.	4.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/28/89-09/27/89	4 ##	0.75	1.5	4.	0.5	2.833	1.683	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/28/89-09/27/89	4	2.	1.625	2.	0.5	0.563	0.75	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/81-08/21/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/28/89-09/27/89	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/89-09/27/89	4	4.5	4.375	7.	1.5	5.229	2.287	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/81-04/17/90	6 ##	5.	6.667	10.	5.	6.667	2.582	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/21/81-04/17/90	5 ##	5.	47.	200.	5.	7357.5	85.776	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/81-09/27/89	5 ##	5.	25.	100.	5.	1762.5	41.982	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/21/81-08/21/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/28/89-09/27/89	4	5.5	5.	7.	2.	4.667	2.16	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/89-09/27/89	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: MONO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	06/08/94-06/08/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	02/28/89-04/17/90	5	11.	11.66	16.	6.4	18.348	4.283	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/08/94-06/08/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/28/89-04/17/90	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	04/17/90-06/08/94	2 ##	0.004	0.004	0.005	0.002	0.	0.002	**	**	**	**
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	2 ##	0.003	0.003	0.005	0.001	0.	0.003	**	**	**	**
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	06/08/94-06/08/94	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	2 ##	0.004	0.004	0.005	0.002	0.	0.002	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/17/90-06/08/94	2 ##	0.003	0.003	0.005	0.001	0.	0.003	**	**	**	**
39602	METHYL PARATHION IN FILT. FRAC. WATER SAMP.(UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	06/08/94-06/08/94	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39756	MIREX, DISSOLVED (UG/L)	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/17/91-04/17/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	06/08/94-06/08/94	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/81-06/08/94	6	335.	335.167	370.	290.	694.567	26.355	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/81-08/21/81	1	257.	257.	257.	257.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/17/91-05/12/92	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/89-09/27/89	4 ##	0.05	0.113	0.3	0.05	0.016	0.125	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/81-08/21/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	04/17/90-04/17/90	1	38.	38.	38.	38.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	02/28/89-04/17/90	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/21/81-08/21/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/17/91-04/17/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82303	RADON 222, TOTAL IN WATER PC/L	04/17/90-04/17/90	1	260.	260.	260.	260.	0.	0.	**	**	**	**
82342	TRITHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82344	METHYLTRITHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82346	ETHION, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82348	PERTHANE, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82350	METHOXYCHLOR, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82354	ENDOSULFAN, DISSOLVED IN WATER UG/L	04/17/90-04/17/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82360	NAPTHALENES,POLYCHLORINATED DISSOLVED IN WATR UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	04/17/90-04/17/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	04/17/90-04/17/90	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

Parameter Inventory for Station: MONO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	06/08/94-06/08/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	06/08/94-06/08/94	1 ##	0.003	0.003	0.003	0.003	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: MONO0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00							4	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00							2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	250.	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	10	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00			
01000	ARSENIC, DISSOLVED	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			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	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									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	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: MONO0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	15.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	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									
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5000.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	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			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	1	0	0.00							1	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	1000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	700.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	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.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP.	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	2	0	0.00							2	0	0.00			
		Drinking Water	0.2	2	0	0.00							2	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			
39361	DDD IN FILT. FRAC. OF WATER SMAPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39366	DDE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1050.	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: MONO0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39371	DDT IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	2	0	0.00							2	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			
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			
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			
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			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	2	0	0.00							2	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	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									
77128	STYRENE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82350	METHOXYCHLOR, DISSOLVED IN WATER	Drinking Water	40.	1	0	0.00							1	0	0.00			
82354	ENDOSULFAN, DISSOLVED IN WATER	Fresh Acute	0.22	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: MONO0087

NPS Station ID: MONO0087 LAT/LON: 39.432198/ -77.442503 Agency: 21MDEXP Date Created: 10/11/80
Location: MONTEVUE LANE,0.1 MILE SOUTH OF MONTEVUE STA. FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0046
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009003802.75 RF3 Mile Point: 3.70 Distance from RF3: 0.01 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 4.60
RECEIVING TRIBUTARY IS MONOCACY RIVER MONTEVUE LANE,0.1 MILE SOUTH OF MONTEVUE STA.

Parameter Inventory for Station: MONO0087

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

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

Station Inventory for Station: MONO0088

NPS Station ID: MONO0088 | LAT/LON: 39.372392/ -77.447254 | Agency: 11NPSWRD | Date Created: 02/20/99
Location: BALLENGER CREEK SITE FR-P-429-307 | FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONO_MDDNR_307
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070009 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070009 | RF1 Mile Point: 0.000 | Distance from RF1: 8.80 | On/Off RF1:
RF3 Index: 02070009054801.21 | RF3 Mile Point: 1.43 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BUCKEYSTOWN MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-429-307 IS LOCATED AT BALLENGER CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/96-08/28/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	369.	369.	369.	369.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/28/96-08/28/96	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	4.57	4.57	4.57	4.57	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	22.	22.	22.	22.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	1825.9	1825.9	1825.9	1825.9	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	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: MONO0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0089

NPS Station ID: MONO0089
LAT/LON: 39.372893/ -77.447810
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON BALLENGER CREEK PIKE
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): BNG0038
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009003400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE BALLENGER CREEK RIVER MILE IS 3.80
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE ON BALLENGER CREEK PIKE

Parameter Inventory for Station: MONO0089

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

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

Station Inventory for Station: MONO0090

NPS Station ID: MONO0090 LAT/LON: 39.440420/ -77.448920 Agency: 21MDEXP Date Created: 10/11/80
Location: ROCK SPRINGS RD. BRIDGE,NW MONTEVUESTATION,1ST X FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0053
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009003803.28 RF3 Mile Point: 3.27 Distance from RF3: 0.08 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 5.30
RECEIVING TRIBUTARY IS MONOCACY RIVER ROCK SPRINGS RD. BRIDGE,NW MONTEVUESTATION,1ST X-ING BELOW KEMP LANE

Parameter Inventory for Station: MONO0090

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

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

Station Inventory for Station: MONO0091

NPS Station ID: MONO0091 LAT/LON: 39.452449/ -77.460337 Agency: 21MDEXP Date Created: 10/11/80
Location: BRIDGE ON OLD RECEIVER RD.,NW OF ROCKY SPRINGS FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CAR0065
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070009003803.75 RF3 Mile Point: 4.69 Distance from RF3: 0.09 On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE CARROLL CREEK RIVER MILE IS 6.50
RECEIVING TRIBUTARY IS MONOCACY RIVER BRIDGE ON OLD RECEIVER RD.,NW OF ROCKY SPRINGS

Parameter Inventory for Station: MONO0091

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

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

Station Inventory for Station: MONO0092

NPS Station ID: MONO0092
LAT/LON: 39.379059/ -77.460449
Agency: 11NPSWRD
Date Created: 02/20/99
Location: BALLENGER CREEK SITE FR-P-103-230
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONO_MDDNR_230
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 02070009054801.21
RF3 Mile Point: 1.43
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FREDERICK MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-103-230 IS LOCATED AT BALLENGER CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/96-06/03/96	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/11/96-03/11/96	1	222.	222.	222.	222.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/96-03/11/96	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/03/96-06/03/96	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/11/96-03/11/96	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/11/96-03/11/96	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/96-03/11/96	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/11/96-03/11/96	1	7.34	7.34	7.34	7.34	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/11/96-03/11/96	1	7.34	7.34	7.34	7.34	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/96-03/11/96	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/11/96-03/11/96	1	4.54	4.54	4.54	4.54	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/96-03/11/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/96-03/11/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/11/96-03/11/96	1	1051.2	1051.2	1051.2	1051.2	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/11/96-03/11/96	1	3.	3.	3.	3.	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: MONO0092

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
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.	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: MONO0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0093

NPS Station ID: MONO0093
LAT/LON: 39.384642/ -77.470531
Agency: 11NPSWRD
Date Created: 02/20/99
Location: BALLENGER CREEK SITE FR-P-349-204
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONO_MDDNR_204
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 02070009054801.21
RF3 Mile Point: 1.43
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FREDERICK MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-349-204 IS LOCATED AT BALLENGER CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/96-06/03/96	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	333.	333.	333.	333.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/03/96-06/03/96	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	4.16	4.16	4.16	4.16	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	1592.	1592.	1592.	1592.	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MONO0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0094

NPS Station ID: MONO0094
LAT/LON: 39.424949/ -77.473977
Agency: 21MDEXP
Date Created: 10/11/80
Location: BRIDGE ON US 40,0.5 MILE N OF BRADDOCK
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): UFI0026
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 21.20
On/Off RF1:
RF3 Index: 02070009003802.27
RF3 Mile Point: 2.26
Distance from RF3: 0.01
On/Off RF3:
Description:
02-14-03-02 LOWER MONOCACY RIVER DRAINAGE UNNAMED TRIBUTARY RIVER MILE IS 2.60
RECEIVING TRIBUTARY IS CARROLL CREEK BRIDGE ON US 40,0.5 MILE N OF BRADDOCK

Parameter Inventory for Station: MONO0094

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

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

Station Inventory for Station: MONO0095

NPS Station ID: MONO0095 LAT/LON: 39.386615/ -77.477281 Agency: 11NPSWRD Date Created: 02/20/99
Location: TRIBUTARY TO BALLENGER CREEK SITE FR-P-277-115 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_MDDNR_115
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FREDERICK MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-277-115 IS LOCATED AT A TRIBUTARY TO BALLENGER CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/96-06/10/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/11/96-03/11/96	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/96-03/11/96	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/96-06/10/96	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/11/96-03/11/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/11/96-03/11/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/96-03/11/96	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/11/96-03/11/96	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/11/96-03/11/96	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/96-03/11/96	1	0.071	0.071	0.071	0.071	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/11/96-03/11/96	1	4.09	4.09	4.09	4.09	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/96-03/11/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/96-03/11/96	1	19.	19.	19.	19.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/11/96-03/11/96	1	743.3	743.3	743.3	743.3	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/11/96-03/11/96	1	3.	3.	3.	3.	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: MONO0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: MONO0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0096

NPS Station ID: MONO0096 LAT/LON: 39.433115/ -77.481532 Agency: 11NPSWRD Date Created: 02/20/99
Location: TRIBUTARY TO BALLENGER CREEK SITE FR-P-100-117 FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MONO_MDDNR_117
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070009 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070009 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 02070009054801.21 RF3 Mile Point: 1.43 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FREDERICK MARYLAND 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF MONOCACY NATIONAL BATTLEFIELD (MONO). SITE FR-P-100-117 IS LOCATED AT A TRIBUTARY TO BALLENGER CREEK. DATA WERE COLLECTED BY THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. FOR INFORMATION ABOUT THE BATTLEFIELD CONTACT NATURAL RESOURCES; MONOCACY NATIONAL BATTLEFIELD; 4801 URBANA PIKE; FREDERICK MD 21704-7307 TEL(301)662-3515. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: MONO0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/96-06/12/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/96-03/18/96	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/96-06/12/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/96-03/18/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/96-03/18/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/96-03/18/96	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/96-03/18/96	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/96-03/18/96	1	0.078	0.078	0.078	0.078	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/96-03/18/96	1	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/18/96-03/18/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/96-03/18/96	1	15.	15.	15.	15.	0.	0.	**	**	**	**
50424	ACID NEUTRALIZING CAPACITY (ANC) UG/L	03/18/96-03/18/96	1	440.1	440.1	440.1	440.1	0.	0.	**	**	**	**
61450	BIOTIC INDEX, BECK - BENTHIC MACROINVERTEBRATES	03/18/96-03/18/96	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: MONO0096

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
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.	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: MONO0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: MONO0097

NPS Station ID: MONO0097
LAT/LON: 39.421670/ -77.499448
Agency: 112WRD
Date Created: 02/28/78
Location: FR Dd 11
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 392518077295802
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070009095100.00
RF3 Mile Point: 1.22
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0097

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: MONO0098

NPS Station ID: MONO0098
LAT/LON: 39.421670/ -77.499448
Agency: 112WRD
Date Created: 09/03/88
Location: FR Dd 11
FIPS State/County: 24021 MARYLAND/FREDERICK
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 392518077295801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070009
RF1 Mile Point: 0.000
Distance from RF1: 17.20
On/Off RF1:
RF3 Index: 02070009060603.10
RF3 Mile Point: 3.33
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: MONO0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	05/11/56-05/11/56	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/56-05/11/56	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/56-05/11/56	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/56-05/11/56	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/56-05/11/56	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/56-05/11/56	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/56-05/11/56	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/56-05/11/56	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/11/56-05/11/56	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/56-05/11/56	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/56-05/11/56	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/56-05/11/56	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/56-05/11/56	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/11/56-05/11/56	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/11/56-05/11/56	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/56-05/11/56	1	16.	16.	16.	16.	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: MONO0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			
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

EPA Water Quality Criteria Analysis for Entire MONO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	137	18	0.13	39	7	0.18	54	7	0.13	44	4	0.09			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	83	6	0.07	28	3	0.11	29	2	0.07	26	1	0.04			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	12	0	0.00				8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	316	1	0.00	84	1	0.01	116	0	0.00	116	0	0.00			
00400	PH	Fresh Chronic	9.	407	8	0.02	107	3	0.03	155	2	0.01	145	3	0.02			
		Other-Lo Lim.	6.5	407	8	0.02	107	0	0.00	155	6	0.04	145	2	0.01			
00403	PH, LAB	Fresh Chronic	9.	91	0	0.00	18	0	0.00	40	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	91	0	0.00	18	0	0.00	40	0	0.00	33	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	20	0	0.00	6	0	0.00	14	0	0.00						
		Other-Lo Lim.	6.5	20	0	0.00	6	0	0.00	14	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	91	0	0.00	22	0	0.00	30	0	0.00	39	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	151	0	0.00	41	0	0.00	59	0	0.00	51	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	159	1	0.01	43	0	0.00	70	0	0.00	46	1	0.02			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	141	0	0.00	39	0	0.00	59	0	0.00	43	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	256	0	0.00	67	0	0.00	97	0	0.00	92	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	38	0	0.00	7	0	0.00	12	0	0.00	19	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	5	1	0.20	2	1	0.50	3	0	0.00						
		Drinking Water	0.2	5	1	0.20	2	1	0.50	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	270	0	0.00	70	0	0.00	107	0	0.00	93	0	0.00			
		Drinking Water	250.	270	0	0.00	70	0	0.00	107	0	0.00	93	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	287	0	0.00	70	0	0.00	120	0	0.00	97	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	164	0	0.00	42	0	0.00	62	0	0.00	60	0	0.00			
01000	ARSENIC, DISSOLVED	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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	111	0	0.00	29	0	0.00	50	0	0.00	32	0	0.00			
		Drinking Water	50.	111	0	0.00	29	0	0.00	50	0	0.00	32	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	128	7	0.05	34	4	0.12	52	1	0.02	42	2	0.05			
		Drinking Water	5.	128	4	0.03	34	2	0.06	52	1	0.02	42	1	0.02			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	125	0	0.00	35	0	0.00	52	0	0.00	38	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	1	0.14	2	1	0.50	3	0	0.00	2	0	0.00			
		Drinking Water	1300.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	128	3	0.02	34	1	0.03	52	1	0.02	42	1	0.02			
		Drinking Water	1300.	128	0	0.00	34	0	0.00	52	0	0.00	42	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	15.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	129	0	0.00	34	0	0.00	52	0	0.00	43	0	0.00			
		Drinking Water	15.	129	23	0.18	34	11	0.32	52	5	0.10	43	7	0.16			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	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									
01077	SILVER, TOTAL	Fresh Acute	4.1	121	2	0.02	32	2	0.06	51	0	0.00	38	0	0.00			
		Drinking Water	100.	121	0	0.00	32	0	0.00	51	0	0.00	38	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	5000.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	129	2	0.02	34	0	0.00	51	1	0.02	44	1	0.02			
		Drinking Water	5000.	129	0	0.00	34	0	0.00	51	0	0.00	44	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	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			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	6	0	0.00							6	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	67	44	0.66	18	11	0.61	23	15	0.65	26	18	0.69			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	10	10	1.00	5	5	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

EPA Water Quality Criteria Analysis for Entire MONO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	10	10	1.00	5	5	1.00				5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	63	42	0.67	18	15	0.83	21	11	0.52	24	16	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	110	80	0.73	29	26	0.90	43	23	0.53	38	31	0.82			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	62	36	0.58	15	9	0.60	27	11	0.41	20	16	0.80			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	1000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	700.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	6	0	0.00							6	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	6	0	0.00							6	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.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP.	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	7	0	0.00							7	0	0.00			
		Drinking Water	0.2	7	0	0.00							7	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			
39361	DDD IN FILT. FRAC. OF WATER SMAPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39366	DDE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39371	DDT IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	7	0	0.00							7	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			
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			
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			
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			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	7	0	0.00							7	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	11	3	0.27	3	0	0.00				8	3	0.38			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	11	0	0.00	3	0	0.00				8	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00				2	0	0.00	2	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	91	1	0.01	25	0	0.00	36	0	0.00	30	1	0.03			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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 MONO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	1	0	0.00				4	0	0.00			
		Drinking Water	2.	5	0	0.00	1	0	0.00				4	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82350	METHOXYCHLOR, DISSOLVED IN WATER	Drinking Water	40.	1	0	0.00							1	0	0.00			
82354	ENDOSULFAN, DISSOLVED IN WATER	Fresh Acute	0.22	1	0	0.00							1	0	0.00			

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the MONO Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the MONO Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	349	89	138	122	14
00435	ACIDITY, TOTAL (MG/L AS CACO3)	7	0	0	7	4
00440	BICARBONATE ION (MG/L AS HCO3)	207	8	82	117	11
00445	CARBONATE ION (MG/L AS CO3)	98	0	25	73	2
		661	97	245	319	31 (19)[!]

pH		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	494	131	211	152	21
00403	PH, LAB (STANDARD UNITS)	96	51	45	0	26
00406	PH, FIELD (STANDARD UNITS)	20	20	0	0	17
		610	202	256	152	64 (38)[!]

Conductivity		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	165	104	61	0	15
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	362	56	154	152	31
00480	SALINITY - PARTS PER THOUSAND	89	80	9	0	2
		616	240	224	152	48 (32)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	20	20	0	0	17
00300	OXYGEN, DISSOLVED (MG/L)	414	124	208	82	21
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	82	9	73	0	2
		516	153	281	82	40 (38)[!]

Water Temperature		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	829	175	362	292	43
		829	175	362	292	43 (43)[!]

Flow		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	2	2	0	0	1
00060	FLOW, STREAM, MEAN DAILY CFS	223	10	68	145	5
00061	FLOW, STREAM, INSTANTANEOUS CFS	563	47	256	260	11
00065	STAGE, STREAM (FEET)	218	44	100	74	3
		1006	103	424	479	20 (15)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	137	0	100	37	6
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	64	10	54	0	1
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	99	82	17	0	6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	223	86	116	21	6
		523	178	287	58	19 (12)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	266	83	163	20	7
00602	NITROGEN, DISSOLVED (MG/L AS N)	2	0	2	0	2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	185	9	156	20	2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	176	117	57	2	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	174	11	116	47	18
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	175	96	0	79	22
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	208	10	174	24	3
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	26	21	5	0	6
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	347	116	184	47	21
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	272	93	130	49	21
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	38	29	8	1	11
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11	6	3	2	4
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	4	0	0	4	3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	91	0	0	91	5
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	0	1	1
		1976	591	998	387	135 (43)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11	0	0	11	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	174	94	64	16	13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	352	123	203	26	13
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	28	23	5	0	7
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	37	29	8	0	11
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	34	11	21	2	11
		636	280	301	55	56 (20)[!]

Chlorophyll		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	67	62	0	5	6
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	78	78	0	0	1
32230	CHLOROPHYLL A (MG/L)	133	0	113	20	2
		278	140	113	25	9 (7)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	192	0	91	101	11
00945	SULFATE, TOTAL (MG/L AS SO4)	287	50	115	122	30
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	251	27	158	66	10
		730	77	364	289	51 (32)[!]

[!]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.

Bacteria		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	148	61	83	4	4
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	27	17	0	10	6
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	60	10	40	10	6
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	63	51	12	0	2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	127	17	42	68	4
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	62	4	58	0	5
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	61	4	57	0	5
		548	164	292	92	32 (14)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	4	4	0	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	111	0	89	22	1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	4	4	0	0	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7	4	0	3	2
01027	CADMIUM, TOTAL (UG/L AS CD)	128	0	100	28	5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	5	4	0	1	2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	125	0	100	25	2
01040	COPPER, DISSOLVED (UG/L AS CU)	7	4	0	3	2
01042	COPPER, TOTAL (UG/L AS CU)	128	0	100	28	5
01049	LEAD, DISSOLVED (UG/L AS PB)	8	5	0	3	2
01051	LEAD, TOTAL (UG/L AS PB)	129	1	100	28	5
71890	MERCURY, DISSOLVED (UG/L AS HG)	4	4	0	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	5	0	1	4	4
01065	NICKEL, DISSOLVED (UG/L AS NI)	4	4	0	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	1	0	1	0	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	4	4	0	0	1
01077	SILVER, TOTAL (UG/L AS AG)	121	0	99	22	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	11	4	4	3	2
01092	ZINC, TOTAL (UG/L AS ZN)	129	5	96	28	5
00720	CYANIDE, TOTAL (MG/L AS CN)	5	0	0	5	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	5	5	0	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	5	5	0	0	1
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	5	5	0	0	1
34301	CHLOROBENZENE, TOTAL (UG/L)	5	5	0	0	1
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	5	5	0	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	5	5	0	0	1
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	5	5	0	0	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	5	5	0	0	1
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	5	5	0	0	1
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	5	5	0	0	1
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	5	5	0	0	1
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	5	5	0	0	1
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	5	5	0	0	1
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	5	5	0	0	1
34371	ETHYLBENZENE, TOTAL (UG/L)	5	5	0	0	1
34413	METHYL BROMIDE, TOTAL (UG/L)	5	5	0	0	1
34418	METHYL CHLORIDE, TOTAL (UG/L)	5	5	0	0	1
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	5	5	0	0	1
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	5	5	0	0	1
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	5	5	0	0	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	5	5	0	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	5	5	0	0	1
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	5	5	0	0	1
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	5	5	0	0	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	5	5	0	0	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	5	5	0	0	1
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	5	5	0	0	1
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	5	5	0	0	1
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	5	5	0	0	1
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	1	1	0	0	1
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	6	6	0	0	2
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	7	7	0	0	2
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	1	1	0	0	1
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 09/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	
34653	P,P'-DDE, DISSOLVED (UG/L)	6	6	0	0	2	
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	1	1	0	0	1	
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	7	7	0	0	2	
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1	1	0	0	1	
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	
		1121	227	690	204	92	(5)[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	661	97	14.7	19	41.3	34.8	04/14/53-12/06/95	15.5
pH	610	202	33.1	38	82.6	16.1	04/14/53-09/28/96	14.0
Conductivity	616	240	39.0	32	69.6	19.3	04/14/53-06/21/96	14.3
Dissolved Oxygen	516	153	29.7	38	82.6	13.6	07/17/69-09/28/96	19.0
Water Temperature	829	175	21.1	43	93.5	19.3	04/14/53-09/28/96	19.1
Flow	1006	103	10.2	15	32.6	67.1	03/03/59-06/21/96	27.0
Clarity/Turbidity	523	178	34.0	12	26.1	43.6	07/28/69-09/28/96	19.2
Nitrate/Nitrogen	1976	591	29.9	43	93.5	46.0	04/14/53-09/28/96	45.5
Phosphate/Phosphorus	636	280	44.0	20	43.5	31.8	08/09/65-09/28/96	20.4
Chlorophyll	278	140	50.4	7	15.2	39.7	08/18/69-12/06/95	10.6
Sulfates/Total Dissolved Solids/Hardness	730	77	10.5	32	69.6	22.8	04/14/53-06/21/96	16.9
Bacteria	548	164	29.9	14	30.4	39.1	07/17/69-12/06/95	20.8
Toxic Elements	1121	227	20.2	5	10.9	224.2	10/08/69-06/21/96	42.0

Water Quality Observations
Outside STORET Edit Criteria for MONO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
MONO0004	00440	BICARBONATE ION (MG/L AS HCO3)	910627	0800	1024.0000000 11	WRD 0	1642445	
MONO0034	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	880120	1600	70334.0000000 11	WRD 0	1643020	X
MONO0039	00310	BOD, 5 DAY, 20 DEG C MG/L	720920	1420	183.0000000 11	2A9WQ U	P-POT-137	
MONO0039	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720920	1420	27.5000000 11	2A9WQ U	P-POT-137	
MONO0039	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730215	1440	24.5000000 11	2A9WQ U	P-POT-137	
MONO0039	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	730416	1030	86.5400000 11	2A9WQ U	P-POT-137	
MONO0040	00403	PH, LAB, STANDARD UNITS SU	851217	1025	12.3000000 21	DOEP M	ON0155	

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) MONOTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) MONOSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) MONOAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) MONOAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) MONOOV0.DOC - Overview of park and retrieved data.

(e) MONOOV1.DOC - Station period of record table.

(f) MONOOV2.DOC - Parameter period of record table.

(g) MONOOV3.DOC - Station/parameter period of record table.

(h) MONOINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) MONOSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) MONOEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) MONOIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) MONOBAD.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 MONOOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\MONOOV1.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) MONOFIGS.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 MONO0001. 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 MONO0001) 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) MONOPARM.ZIP

This file compresses MONOPARM.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) MONOSITE.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) MONOWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) MONOIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) MONODRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) MONOGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) MONODAMS.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) MONOMISC.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) MONOEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) MONOTOC.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) MONOREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) MONOWQ - 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 (MONOWQA, MONOWQB, MONOWQC, etc.) and the index map name will end with an ampersand (&).

(g) MONOIDG - 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 (MONOIDGA, MONOIDGB, MONOIDGC, 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) MONOSEHY - 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 MONOFIGS.ZIP and MONOTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in MONOMISC.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) MONORF3.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) MONOWQMW.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: MONOPARM.DBF in MONOPARM.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: MONOPARM.DBF in MONOPARM.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: MONOPARM.DBF in MONOPARM.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: MONOWQ.DBF in MONOSITE.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: MONOWQ.DBF in MONOSITE.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: MONOIFD.DBF in MONOSITE.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: MONOIFD.DBF in MONOSITE.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: MONOIFD.DBF in MONOSITE.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: MONODRIN.DBF in MONOSITE.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: MONODRIN.DBF in MONOSITE.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: MONODRIN.DBF in MONOSITE.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: MONOGAGE.DBF in MONOSITE.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: MONOGAGE.DBF in MONOSITE.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: MONODAMS.DBF in MONOSITE.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: MONODAMS.DBF in MONOSITE.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: MONODAMS.DBF in MONOSITE.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: MONODAMS.DBF in MONOSITE.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 MONORF3.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 MONORF3.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 MONORF3.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 MONORF3.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 MONORF3.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 MONORF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

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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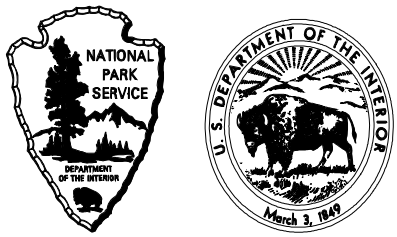
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