Baseline Water Quality Data

Inventory and Analysis

George Washington Memorial Parkway



Water Resources Division and Servicewide Inventory and Monitoring Program

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NATIONAL PARK SERVICE

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

GEORGE WASHINGTON MEMORIAL PARKWAY

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 23 industrial/municipal dischargers; nine drinking water intakes; 34 active or inactive U.S. Geological Survey or U.S. National Oceanic Survey water gages (including stream, estuary, climate, and sewage treatment plant outfall); and eight water impoundments. The results of the STORET retrieval for the study area yielded 341,481 observations for 849 separate parameters collected by nine federal, state, and local government agencies at 499 monitoring stations. Of the 499 stations, 204 were established but contained no data; one contained no data appropriate for statistical analysis; and seven were used only for monitoring fish tissues, bottom deposits, or radionuclides in milk. Fifty-eight stations were located within the park boundary (see Station Period of Record Tabulation).

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. One-hundred-four stations within the study area (17 within the park boundary) yielded longer-term records consisting of multiple observations for several parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) George Washington Parkway Bridge (GWMP 0208); (2) George Washington Parkway Bridge (GWMP 0036); (3) George Wash. Mem. Pkwy (Alexandria-Fairfax Co) (GWMP 0097); (4) Rt. 120 Bridge (Under Chain Bridge), Glebe Rd. (GWMP 0422); (5) Fletchers Boat House Wash. D.C. (GWMP 0398); and (6) Potomac R. Gaging St. Above Little Falls Dam (GWMP 0434). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Potomac R At Chain Bridge, At Wash, DC (GWMP 0417); (2) Route 193 Bridge (GWMP 0467); (3) Potomac River At Great Falls (GWMP 0485); (4) Potomac River At Washington (GWMP 0332); (5) Potomac R At Alexandria, VA (GWMP 0113); and (6) At FL Bouy 77 Off Mouth Of Piscataway Cr. (GWMP 0028)[†].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the GWMP water quality criteria screen found 21 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride,

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

residual chlorine, cadmium, copper, lead, zinc, and parathion exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrite, nitrate, nitrite plus nitrate, chloride, cadmium, chromium, copper, lead, mercury, nickel, thallium, carbon chloroform, and bis (2-ethylhexyl) phthalate exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 20,400 times at 208 monitoring stations from 1957 through 1995. Of the 20,048 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology for explanation), 2,314 observations at 97 stations throughout the study area were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life.

The pH was measured 21,137 times at 190 monitoring stations from 1952 through 1995. Of the 20,669 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology for explanation), 1,558 observations at 103 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life). Two-hundred-forty observations were greater than or equal to pH 9.0 and 1,318 observations were less than or equal to pH 6.5. The highest reported pH was 10.8 SU in Cabin John Creek at the bridge on MacArthur Blvd. (GWMP 0462) in April 1977. The lowest pH of 1.0 SU was reported at a gaging station behind Cameron Station (GWMP 0151) in July 1978.

Turbidity was measured 5,953 times at 108 monitoring stations from 1957 through 1995. Of the 5,840 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology for explanation), 698 observations at 75 stations throughout the study area exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU/NTU). The highest reported value of 2,700 FTU was in the Potomac River at Chain Bridge, Washington D.C. (GWMP 0417) in November 1985.

Total coliform concentrations were measured 4,299 times at 139 monitoring stations from 1957 through 1994. Of the 4,072 observations used in the criteria analysis (see Media Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 2,762 observations at 121 stations throughout the study area exceeded the WRD bathing water criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml). The highest reported concentration was 99,000,000 MPN/100 ml in Cabin John Creek above Booze Creek (GWMP 0472) in September 1972. Fecal coliform concentrations were determined 5,748 times at 172 monitoring stations from 1967 through 1995. Of the 5,602 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 3,427 observations at 151 stations throughout the study area exceeded the WRD bathing water criterion of 200 CFU/MPN/100 ml. The highest reported concentration of 46,000,000 MPN/100 ml was reported in Cabin John Creek above Booze Creek (GWMP 0472) in September 1972.

Nitrite concentrations (including dissolved and total as N and dissolved as NO_2) were measured 7,701 times at 129 monitoring stations from 1969 through 1995. Of the 6,317 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation[††]), 41 concentrations (as N) at 11 stations (GWMP 0017, GWMP 0036, GWMP 0062, GWMP 0097, GWMP 0159, GWMP 0208, GWMP 0355, GWMP 0357, GWMP 0398, GWMP 0403, GWMP 0427) exceeded the drinking water criterion of 1.0 mg/L. The highest reported concentration was 110 mg/L in the Potomac River, Bellevue (GWMP 0159) in August 1980.

Nitrate concentrations (including dissolved and total as N and dissolved as NO_3) were measured 7,139 times at 129 monitoring stations from 1945 through 1995. Of the 5,738 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology for explanation[††]), seven concentrations (as N) in the Potomac River (GWMP 0078, GWMP 0249, GWMP 0397), Fourmile Run at the George Washington Parkway and Arlington Ridge Road Bridges (GWMP 0208, GWMP 0221), and Foundry Branch Park, D.C. (GWMP 0407)

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

exceeded the drinking water criterion of 10 mg/L. The highest reported concentration of 947 mg/L occurred in the Potomac River, Haines Pt. Buoy 2 (GWMP 0249) in July 1981.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 5,939 times at 144 monitoring stations from 1964 through 1994. Of the 5,269 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation[††]), seven total concentrations, ranging from 11.5 to 19.2 mg/L at the Arlington, Virginia STP (GWMP 0213), exceeded the drinking water criterion of 10 mg/L in November 1969.

Chloride concentrations (including dissolved and total) were measured 2,142 times at 65 monitoring stations from 1945 through 1995. Of the 2,115 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation[††]), 15 concentrations in Hunting Creek at George Washington Memorial Parkway (GWMP 0097), Fourmile Run at the George Washington Parkway and Route 244 Bridges (GWMP 0208, GWMP 0255), Pimmit Run at the Route 309 and 120 Bridges (GWMP 0418, GWMP 0422), Difficult Run at the Route 193 Bridge (GWMP 0467), and the Potomac River at Great Falls (GWMP 0485) exceeded the secondary drinking water criterion of 250 mg/L. Three of these 15 concentrations also exceeded the acute freshwater criterion of 860 mg/L. The highest reported concentration of 1,309 mg/L occurred in Fourmile Run at the Route 244 Bridge (GWMP 0255) in January 1991.

Total residual chlorine concentrations were measured 374 times at 15 monitoring stations from 1972 through 1988. Of the 373 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 223 concentrations at 13 stations (GWMP 0017, GWMP 0036, GWMP 0041, GWMP 0073, GWMP 0097, GWMP 0124, GWMP 0151, GWMP 0208, GWMP 0210, GWMP 0218, GWMP 0295, GWMP 0422, GWMP 0467) exceeded the acute freshwater criterion of 0.019 mg/L. The highest reported concentration was 20 mg/L in Hunting Creek at George Washington Memorial Parkway (GWMP 0097) in May 1982.

Cadmium concentrations (including dissolved, suspended, and total) were measured 789 times at 62 monitoring stations from 1962 through 1994. Of the 652 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 12 concentrations in Little Hunting Creek at the George Washington Parkway Bridge (GWMP 0036), Hunting Creek at the Alexandria STP (GWMP 0124), Cameron Run at the Gaging Station (GWMP 0151), Oxon Run (GWMP 0203), Fourmile Run at the George Washington Parkway Bridge (GWMP 0208), the Potomac River at Chain Bridge (GWMP 0417), and Pimmit Run at the Route 120 Bridge (GWMP 0422) exceeded the acute freshwater criterion of 3.9 micrograms per liter (µg/L). Eleven of these 12 concentrations also exceeded the drinking water criterion of 5.0 µg/L. The highest reported value of 30 µg/L occurred in the Potomac River at Chain Bridge (GWMP 0417) in September 1977.

Chromium concentrations (including dissolved, suspended, and total) were measured 829 times at 62 monitoring stations from 1962 through 1994. One total concentration of 780 µg/L in Fourmile Run at the George Washington Parkway Bridge (GWMP 0208) exceeded the drinking water criterion of 100 µg/L in December 1974.

Copper concentrations (including dissolved, suspended, and total) were measured 839 times at 63 monitoring stations from 1962 through 1994. Of the 826 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 62 concentrations at 24 stations throughout the study area exceeded the acute freshwater criterion of 18 µg/L. One concentration of 1,940 µg/L in Foundry Branch Park, D.C. (GWMP 0407) also exceeded the drinking water action level of 1,300 µg/L in July 1985.

Lead concentrations (including dissolved, suspended, and total) were measured 866 times at 62 monitoring stations from 1962 through 1994. Of the 865 observations used in the criteria analysis (see EPA Water Quality Criteria

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

Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 132 concentrations at 22 stations throughout the study area exceeded the drinking water action level of 15 µg/L. Twenty-eight of these 132 concentrations also exceeded the acute freshwater criterion of 82 µg/L. The highest reported value of 1,300 µg/L occurred in the Potomac River at Chain Bridge (GWMP 0417) in September 1981.

Mercury concentrations (including dissolved, suspended, and total) were measured 788 times at 60 monitoring stations from 1972 through 1993. Of the 787 observations used in the criteria analysis, (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one total concentration of 2 µg/L in Fourmile Run at the George Washington Parkway Bridge (GWMP 0208) equaled the drinking water criterion of 2 µg/L in May 1975.

Nickel concentrations (including dissolved, suspended, and total) were measured 302 times at 38 monitoring stations from 1962 through 1994. One dissolved concentration of 100 µg/L at Buoy 75 at Sheridan Point (GWMP 0017) in June 1977 and two concentrations of 120 µg/L (dissolved and suspended) in the Potomac River at Chain Bridge (GWMP 0417) in March 1982 equaled or exceeded the drinking water criterion of 100 µg/L.

Thallium concentrations (including suspended and total) were measured 25 times at 11 monitoring stations from 1978 through 1993. One total concentration of 2 µg/L in Dogue Creek, Route 611 (Fairfax Co) (GWMP 0074) equaled the drinking water criterion of 2 µg/L in July 1989.

Zinc concentrations (including dissolved, suspended, and total) were measured 821 times at 62 monitoring stations from 1962 through 1994. Seventy-eight observations at 32 stations throughout the study area exceeded the acute freshwater criterion of 120 µg/L. The highest reported value of 1,590 µg/L occurred at Hains Point, Washington D.C. (GWMP 0241) in October 1983.

Carbon chloroform concentrations were measured 582 times in the Potomac River (GWMP 0332, GWMP 0485) from 1957 through 1972. Two-hundred-nineteen observations in the Potomac River at Great Falls (GWMP 0485) and 107 observations in the Potomac River at Washington (GWMP 0332) exceeded the drinking water criterion of 100 µg/L (sum of trihalomethanes). The highest reported value of 3,923 µg/L occurred in the Potomac River at Great Falls (GWMP 0485) in November 1970.

Bis (2-Ethylhexyl) phthalate concentrations were measured four times at three monitoring stations (GWMP 0216, GWMP 0414, GWMP 0480) from 1978 through 1980. One concentration of 33 µg/L in the Potomac River at Great Falls (GWMP 0480) exceeded the drinking water criterion of 6 µg/L in September 1978.

Parathion concentrations were measured seven times at two monitoring stations (GWMP 0417, GWMP 0422) from 1976 through 1979. One concentration of 0.3 µg/L in Pimmit Run at the Route 120 Bridge (GWMP 0422) exceeded the acute freshwater criterion of 0.065 µg/L in June 1978.

The IDEA conducted for GWMP indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the groups Chlorophyll and Bacteria, less than 25 percent of the observations were recorded since 1985. Results for 123 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the GWMP study area include the Potomac River and numerous tributaries. The river is influenced by tidal flow and contains fresh waters and saline waters in transition and estuarine zones. The data inventories and analyses contained in this report indicate that surface waters within the study area have been altered by metropolitan development. Anthropogenic sources of contaminants include industrial and sewage effluents, stormwater runoff from roads and parking lots, and atmospheric oxides.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

Jill Minter coordinated and managed the team which prepared all components of the report.

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

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

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

Julie Mattick and Mike Matz helped prepare reports and write the Executive Summaries.

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

Randy Siddens and Kelli O'Connor uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

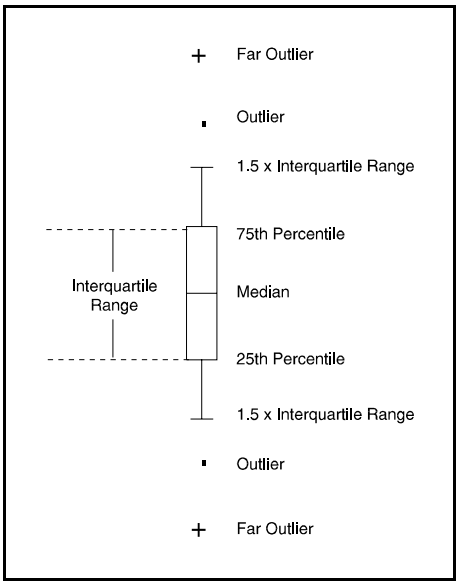
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR GWMP

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	166538	7510
# STORET Stations:	499	52
# Stations With No Data:	204	13
# Stations With No Stat. Analysis:	1	0
# Longer Term Stations:	104	17
Date of STORET Retrieval:	12/12/95	12/12/95
Period of Record:	04/03/45-11/07/95	04/03/45-11/07/95
# Parameters Measured:	849	523
# Water Quality Observations:	341481	59006
# Industrial/Municipal Facilities:	23	1
# Drinking Water Intakes:	9	2
# Water Gages:	34	5
# Water Impoundments:	8	1
# Total Plots:	170	106
# Time Series:	63	35
# Annual:	29	29
# Seasonal:	78	42

Hydrologic Definition of Seasons:

1. July 1 - October 31
2. November 1 - March 31
3. April 1 - June 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 21 years and at least 128 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 18 years.

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

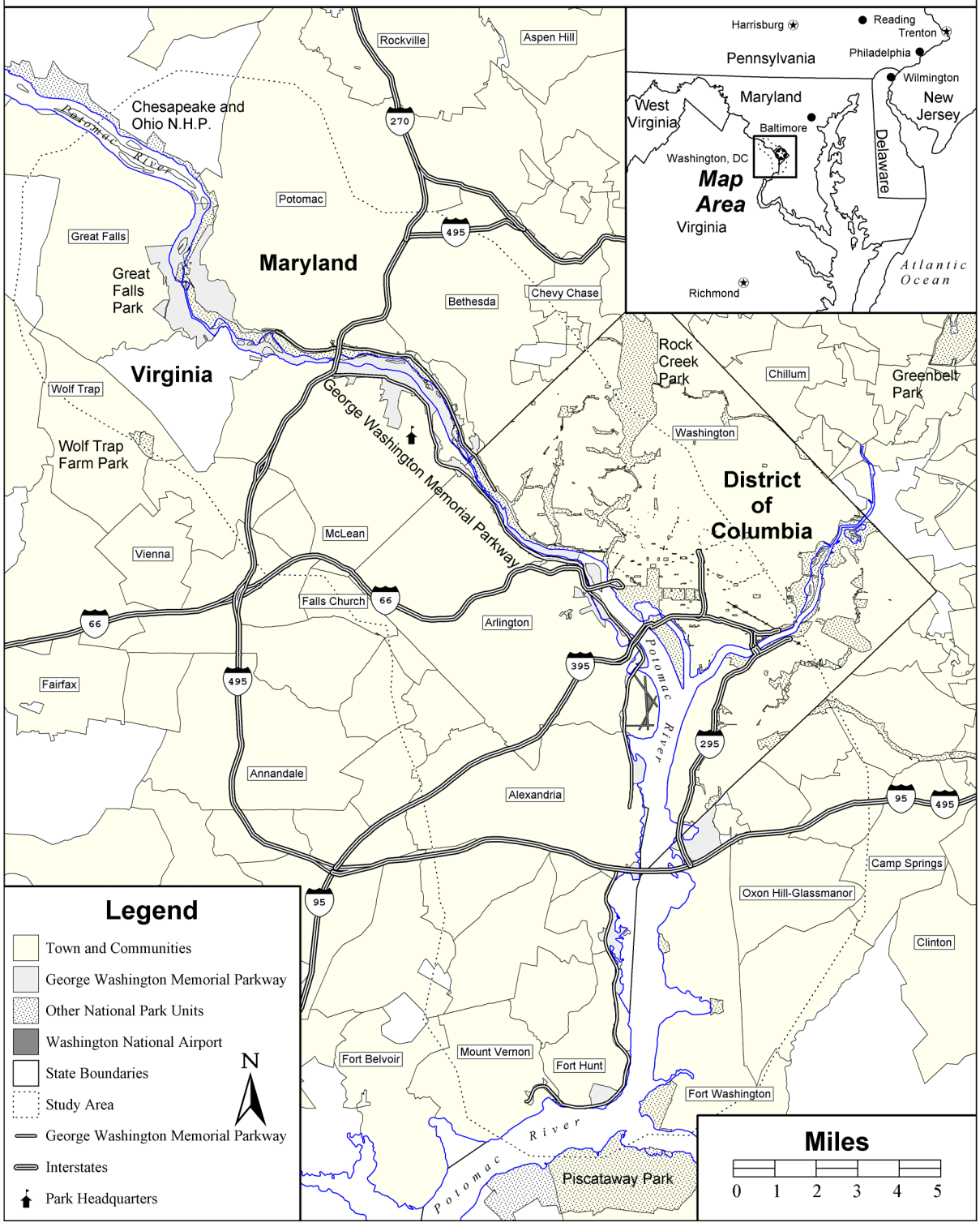
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 21 years and observations in at least 4 of the 21 years.

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

George Washington Memorial Parkway

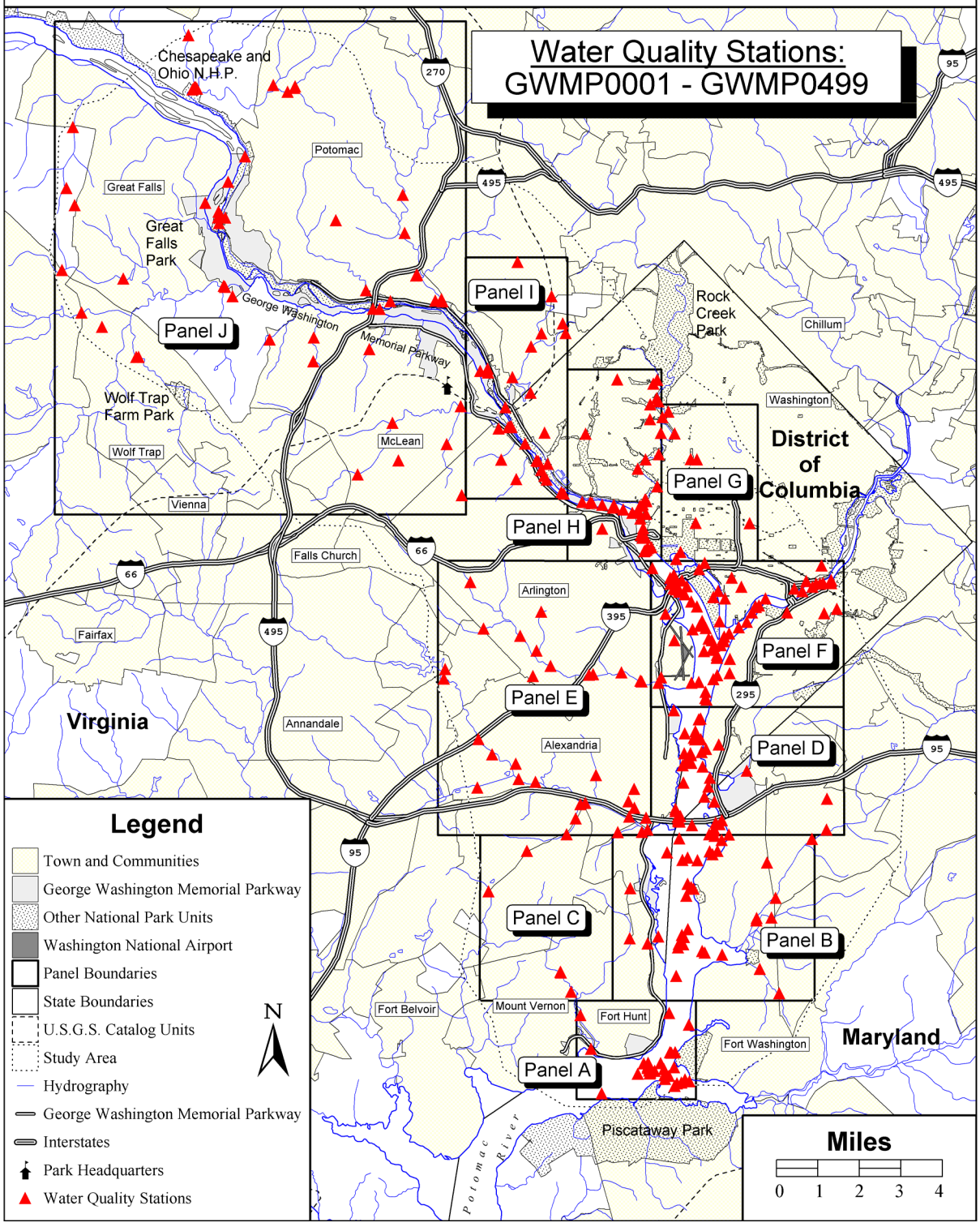
Regional Location Map



George Washington Memorial Parkway

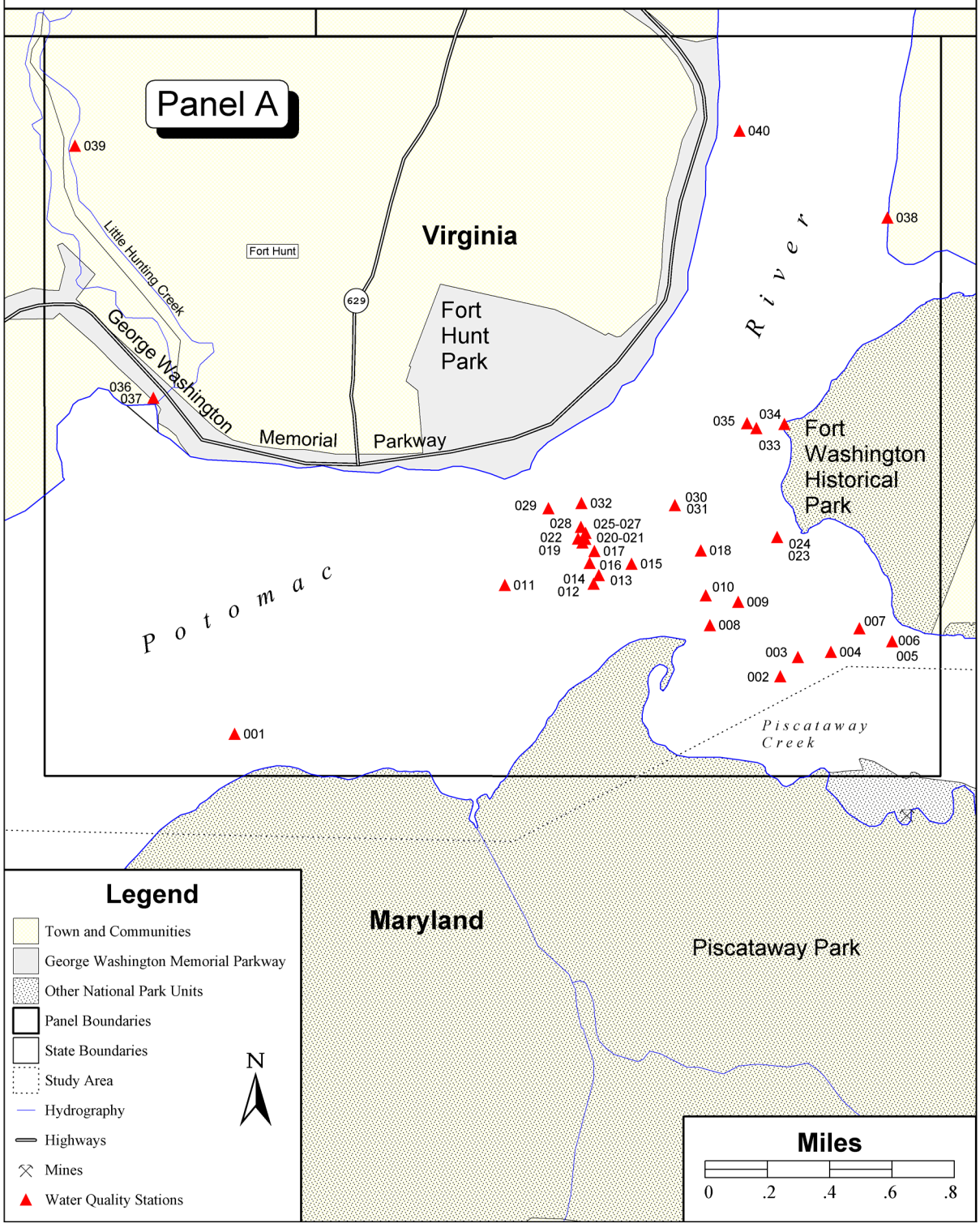
Water Quality Monitoring Locations

Graphic Panel Index



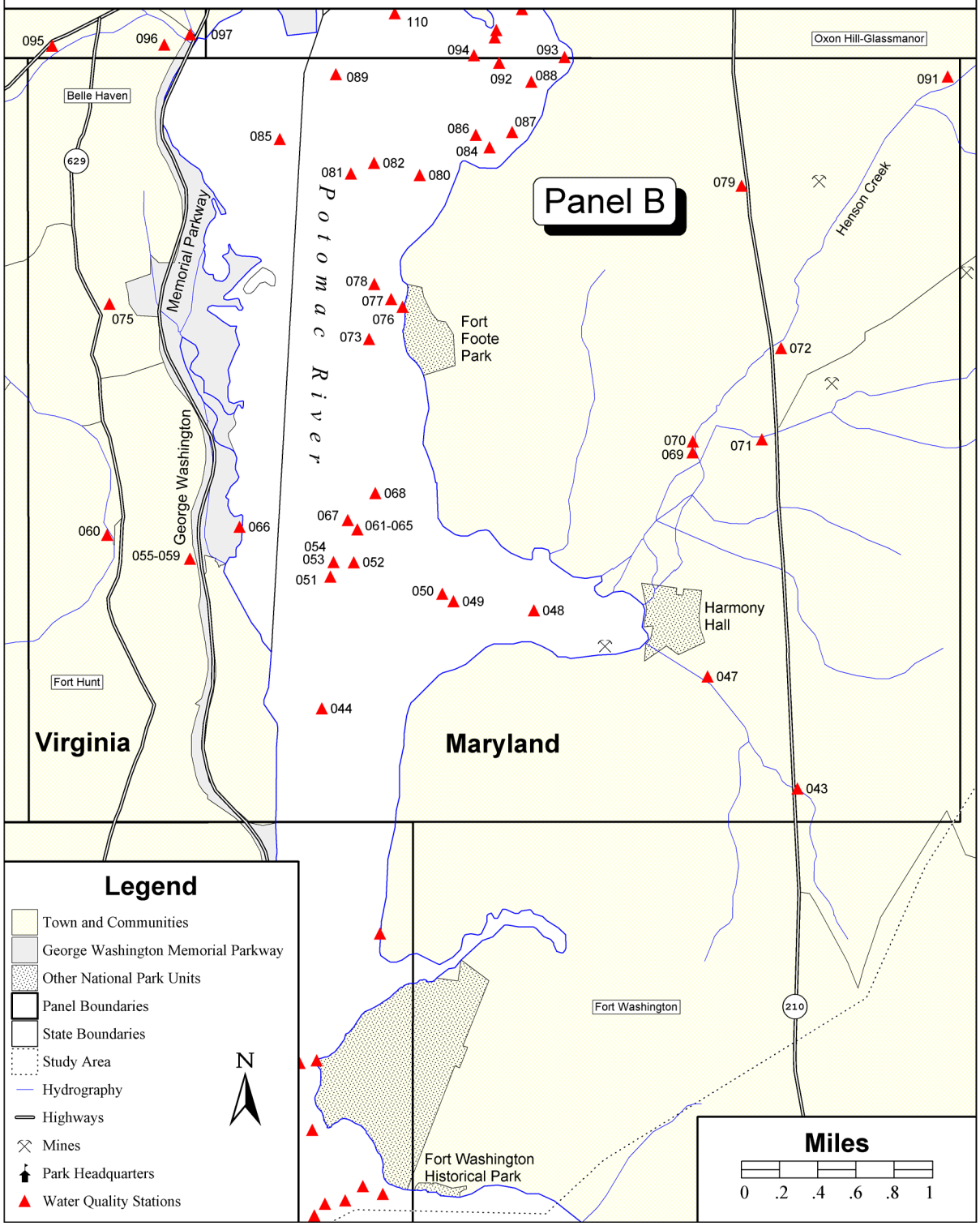
George Washington Memorial Parkway

Water Quality Monitoring Locations



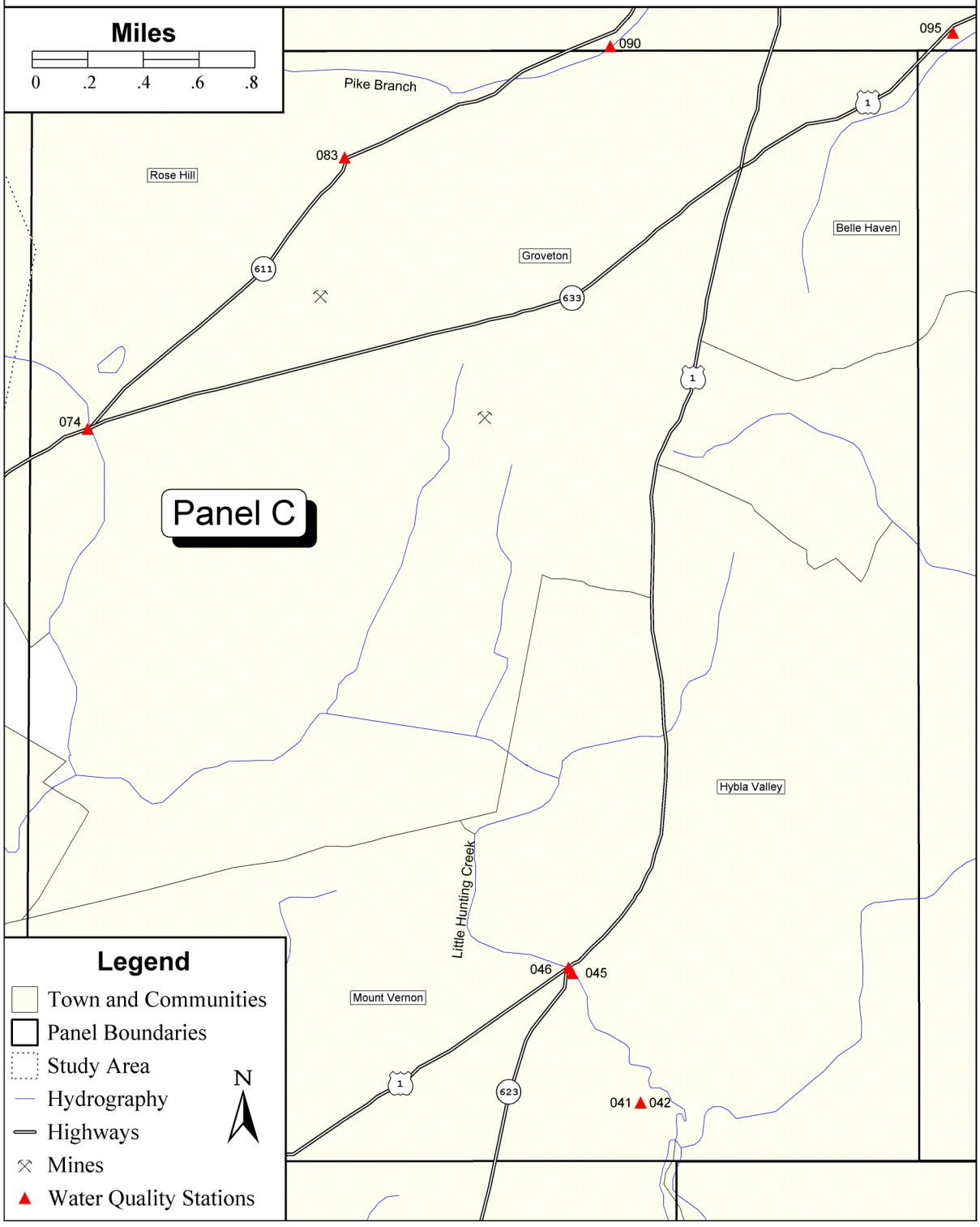
George Washington Memorial Parkway

Water Quality Monitoring Locations



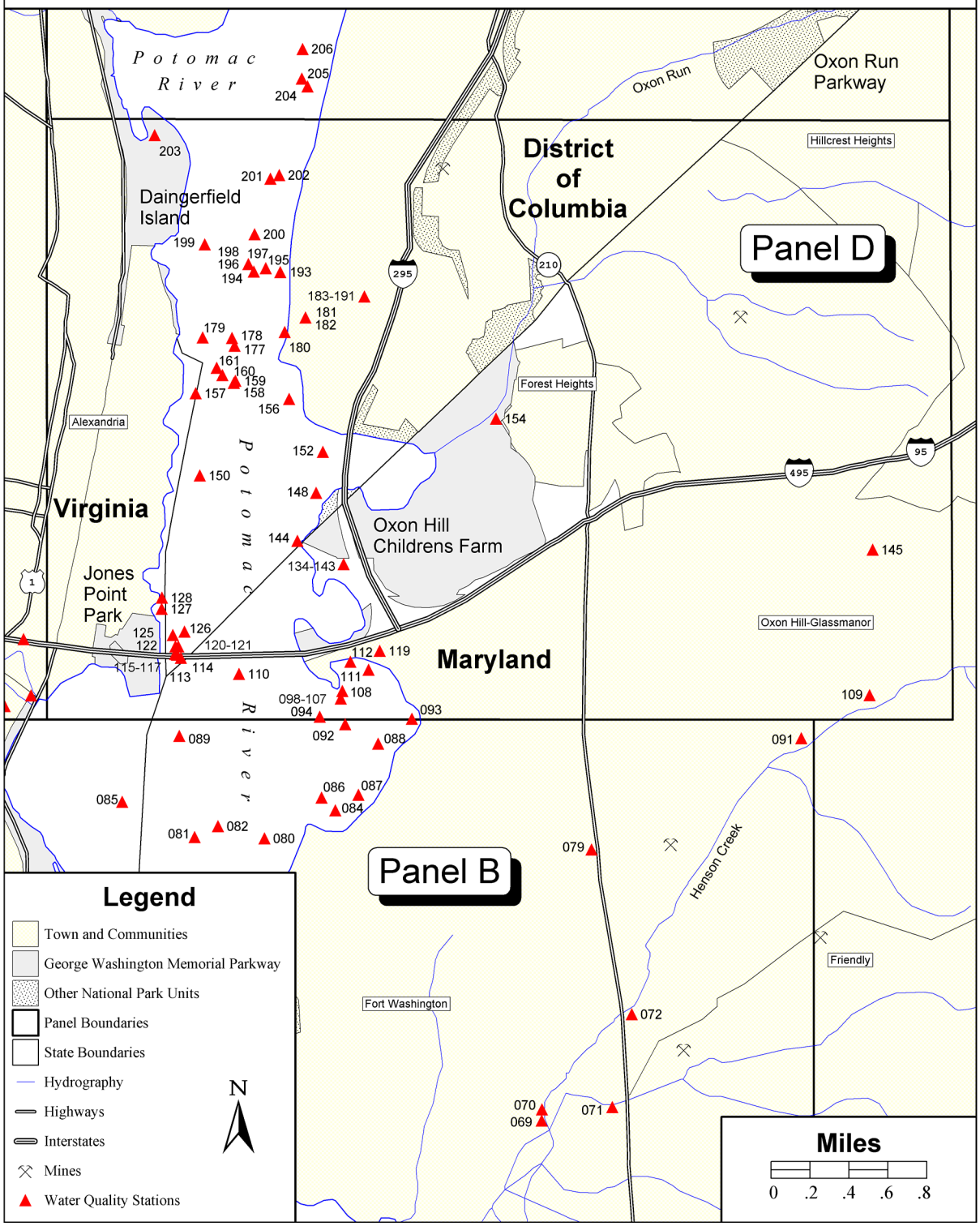
George Washington Memorial Parkway

Water Quality Monitoring Locations



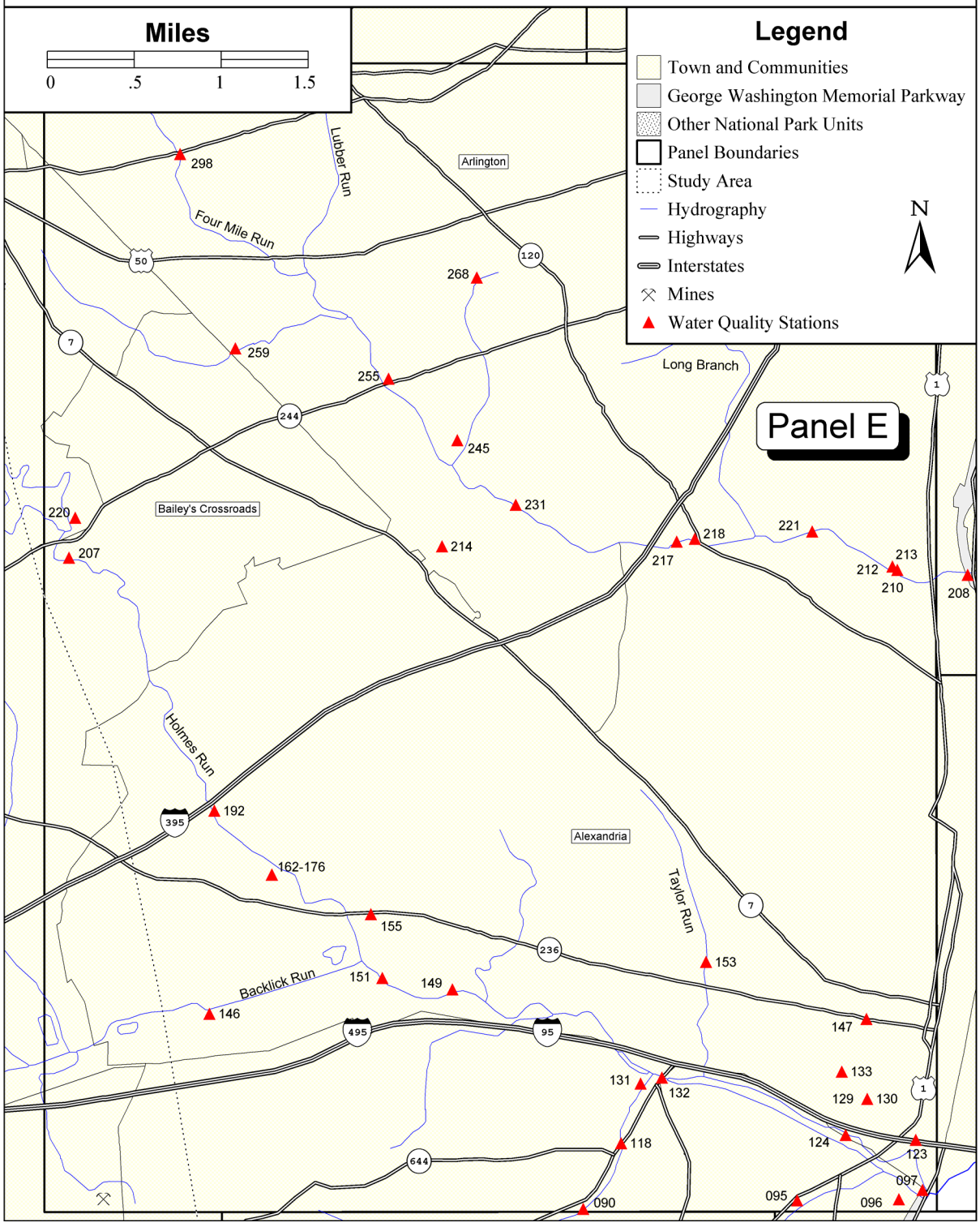
George Washington Memorial Parkway

Water Quality Monitoring Locations



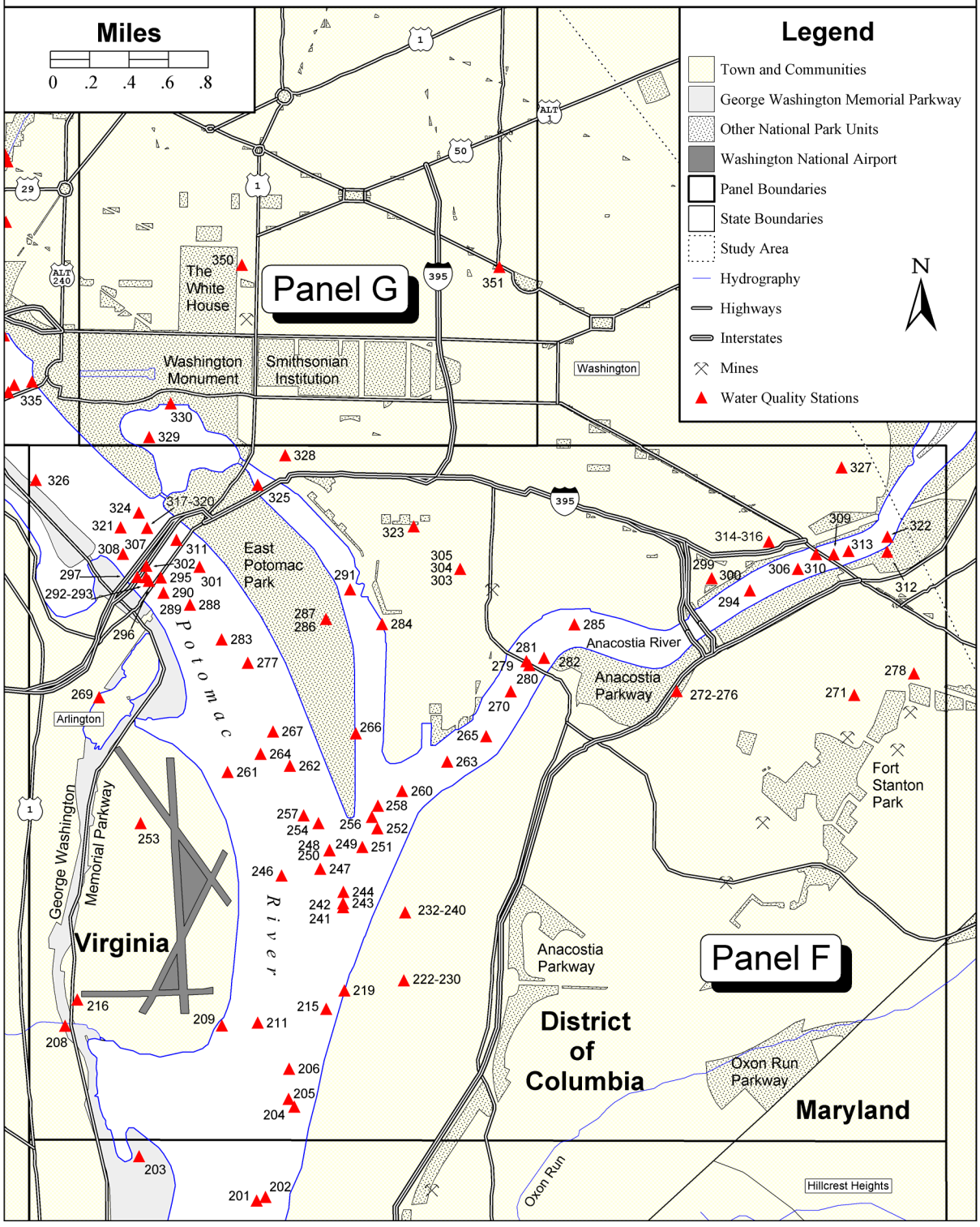
George Washington Memorial Parkway

Water Quality Monitoring Locations



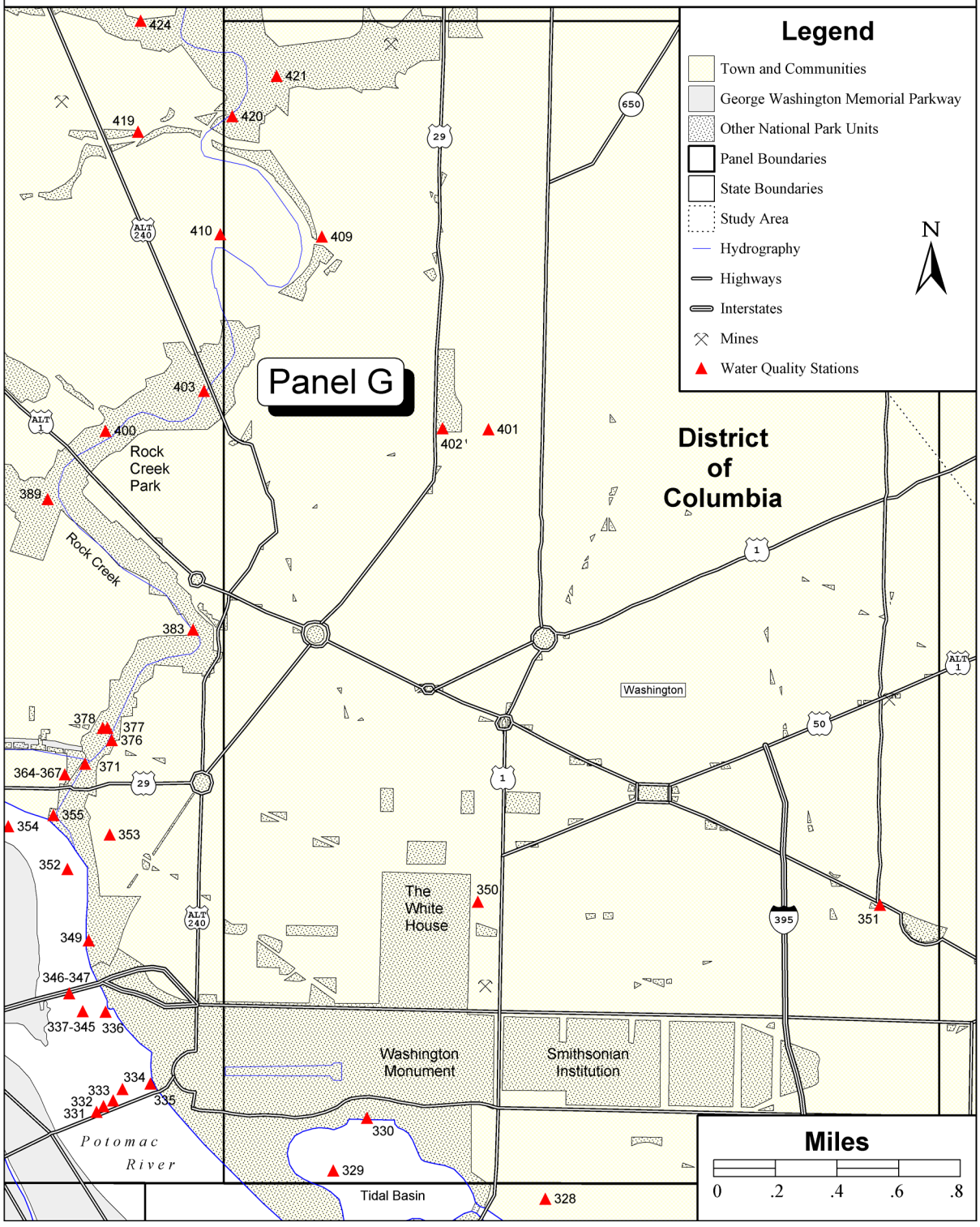
George Washington Memorial Parkway

Water Quality Monitoring Locations



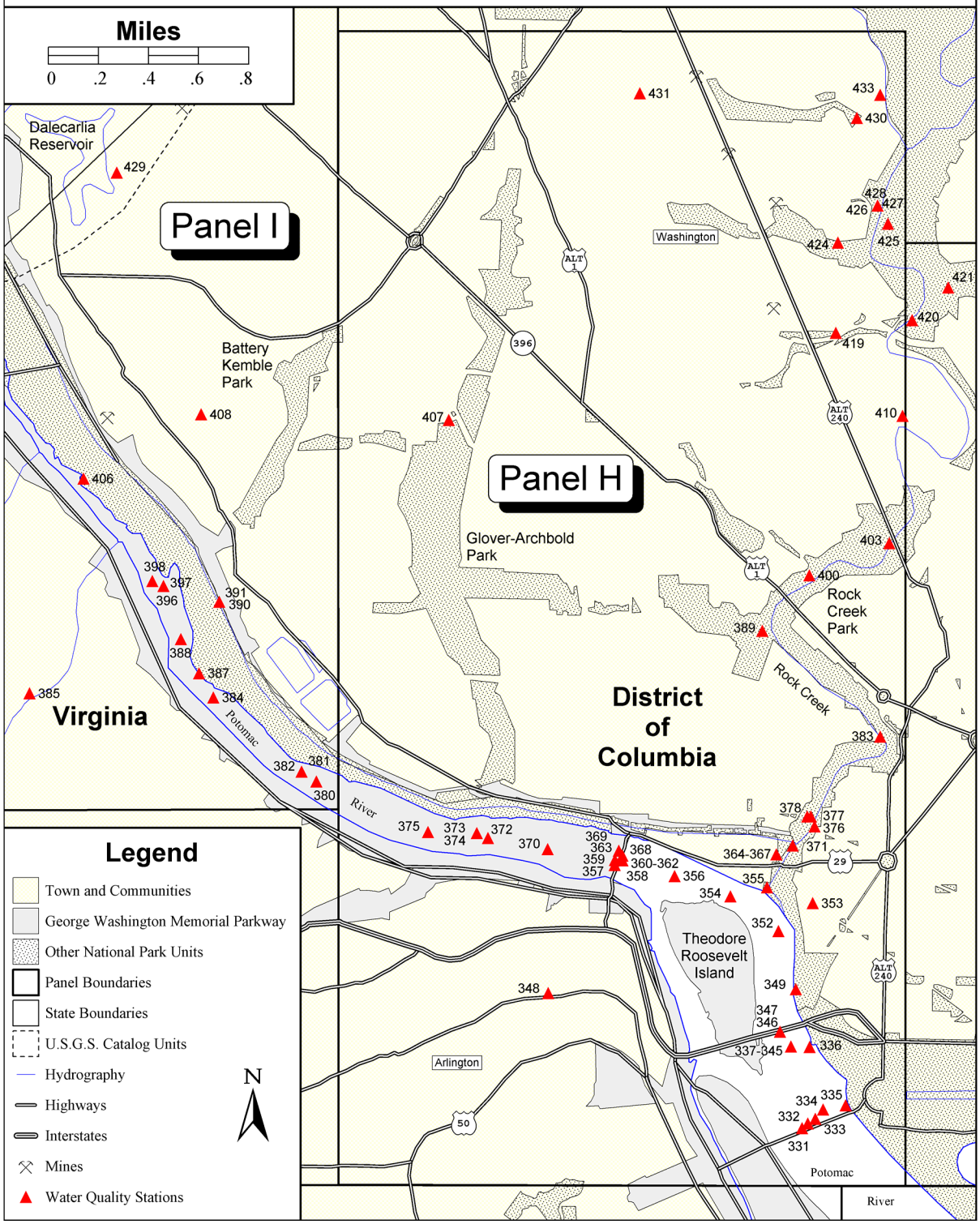
George Washington Memorial Parkway

Water Quality Monitoring Locations



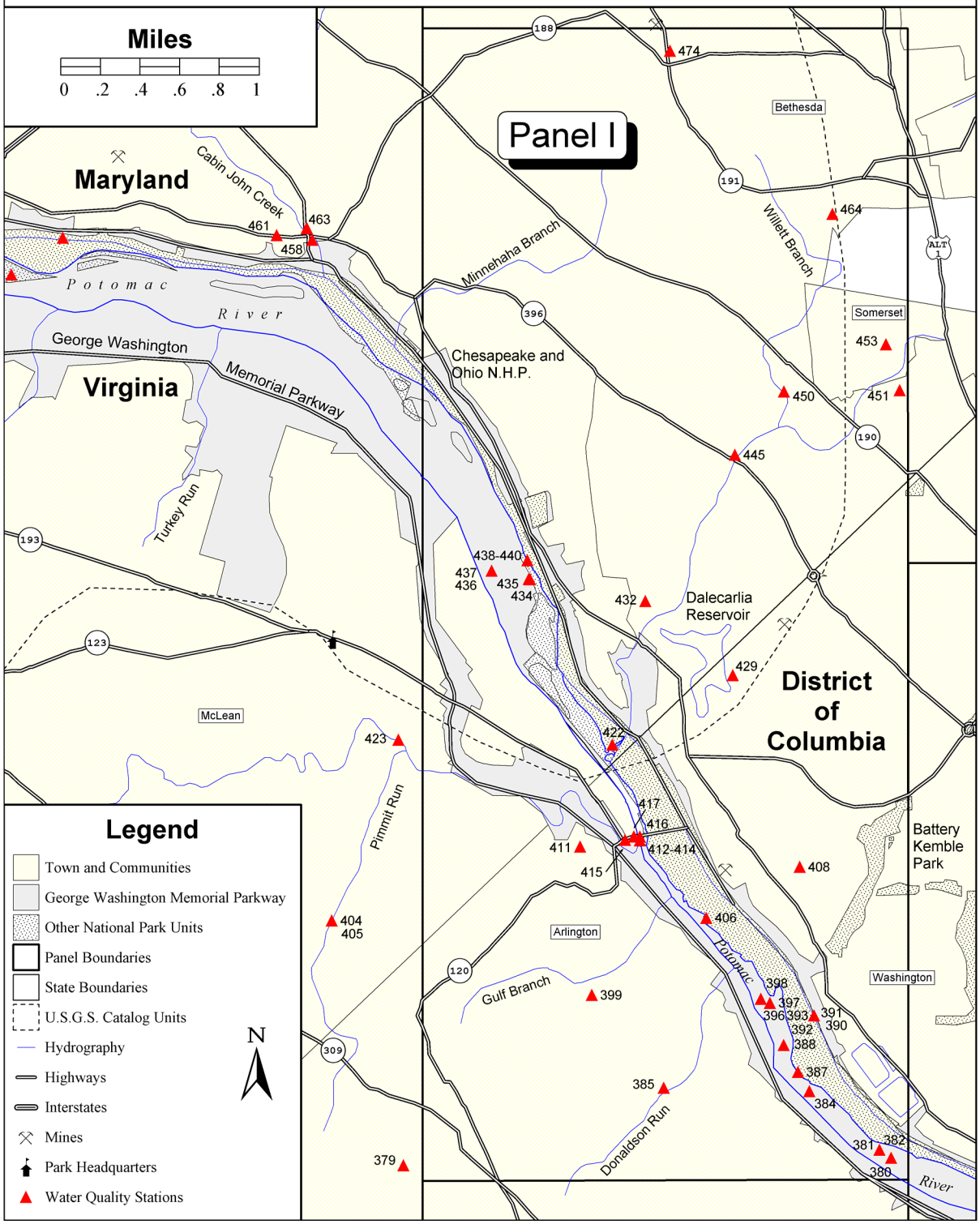
George Washington Memorial Parkway

Water Quality Monitoring Locations



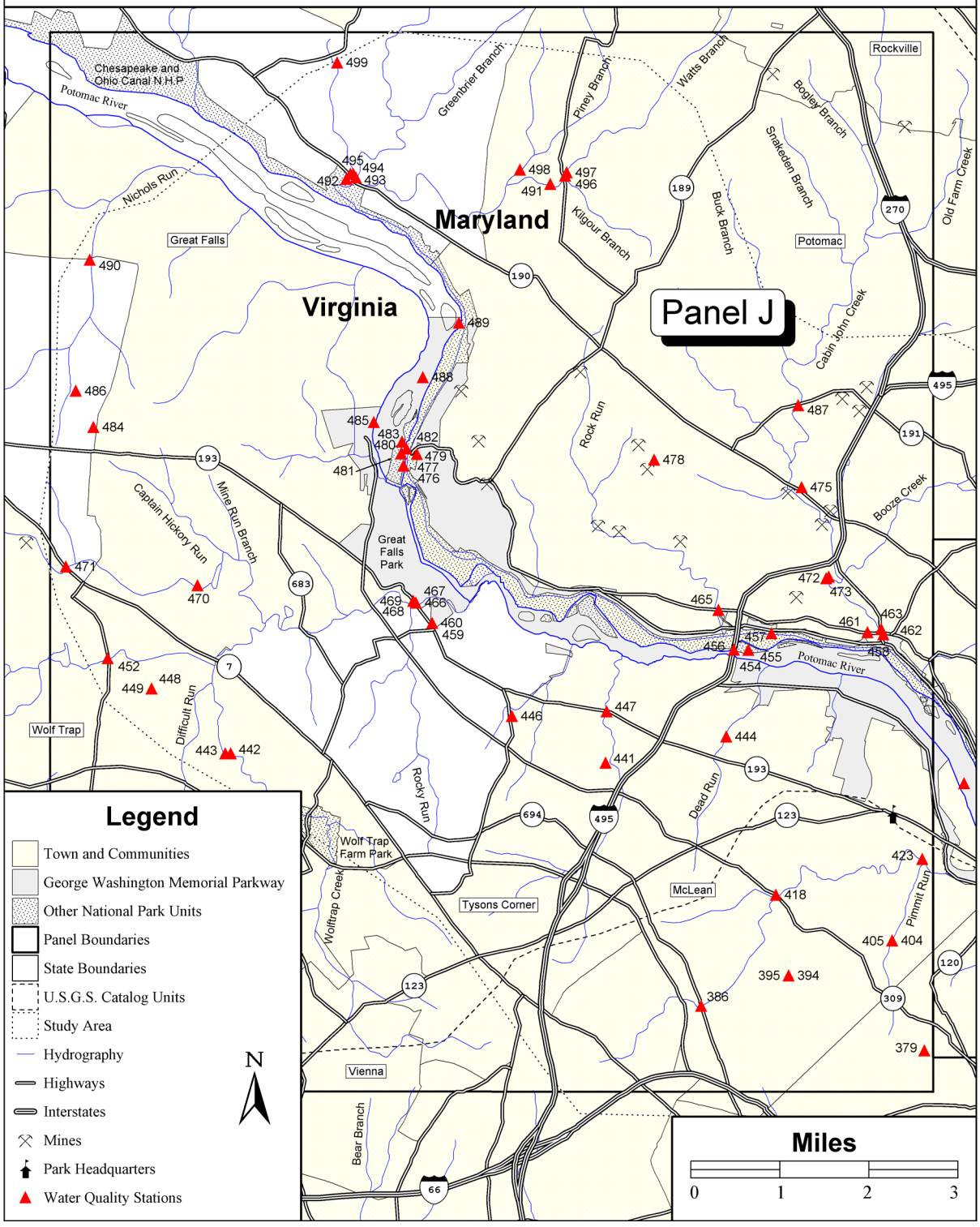
George Washington Memorial Parkway

Water Quality Monitoring Locations



George Washington Memorial Parkway

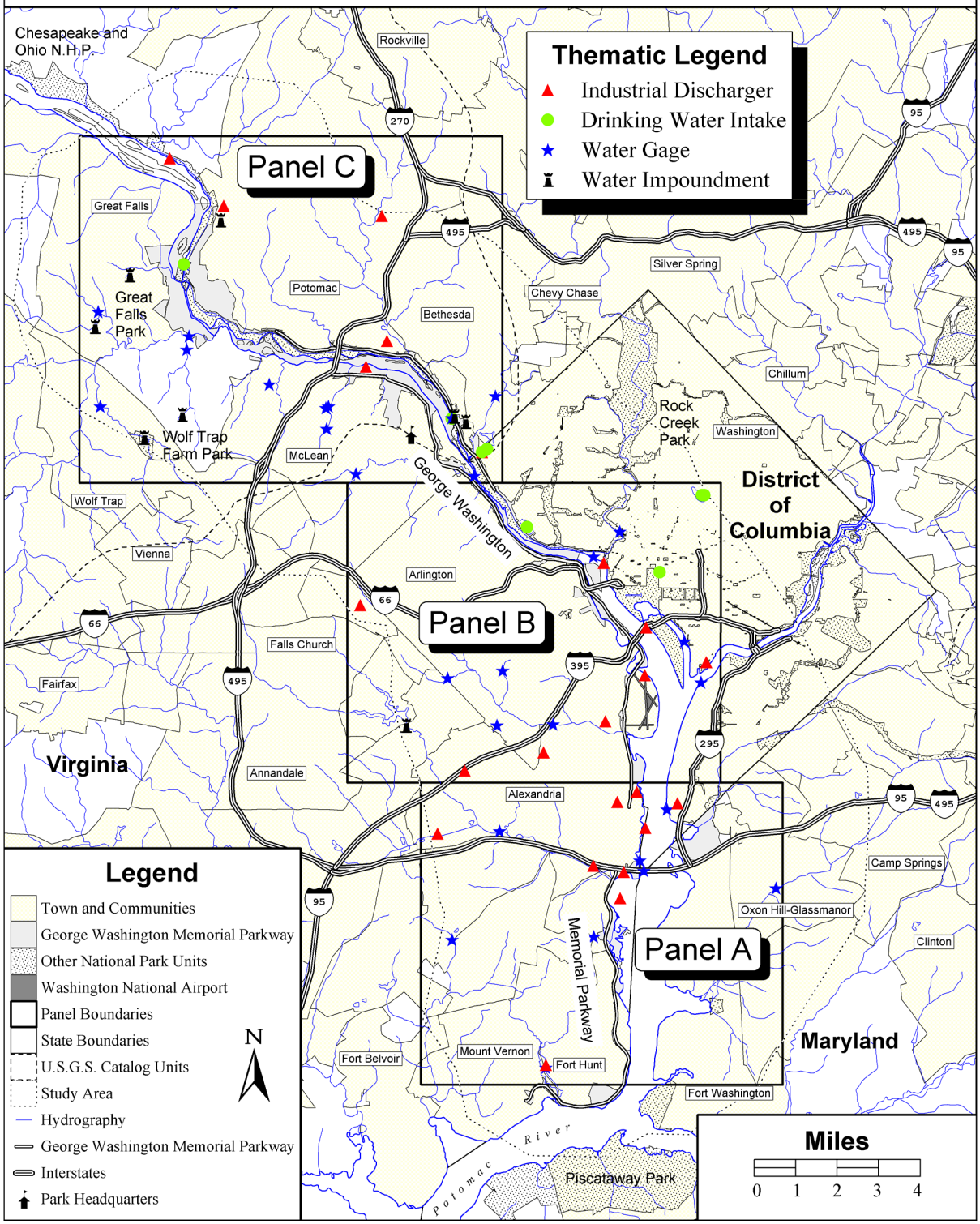
Water Quality Monitoring Locations



George Washington Memorial Parkway

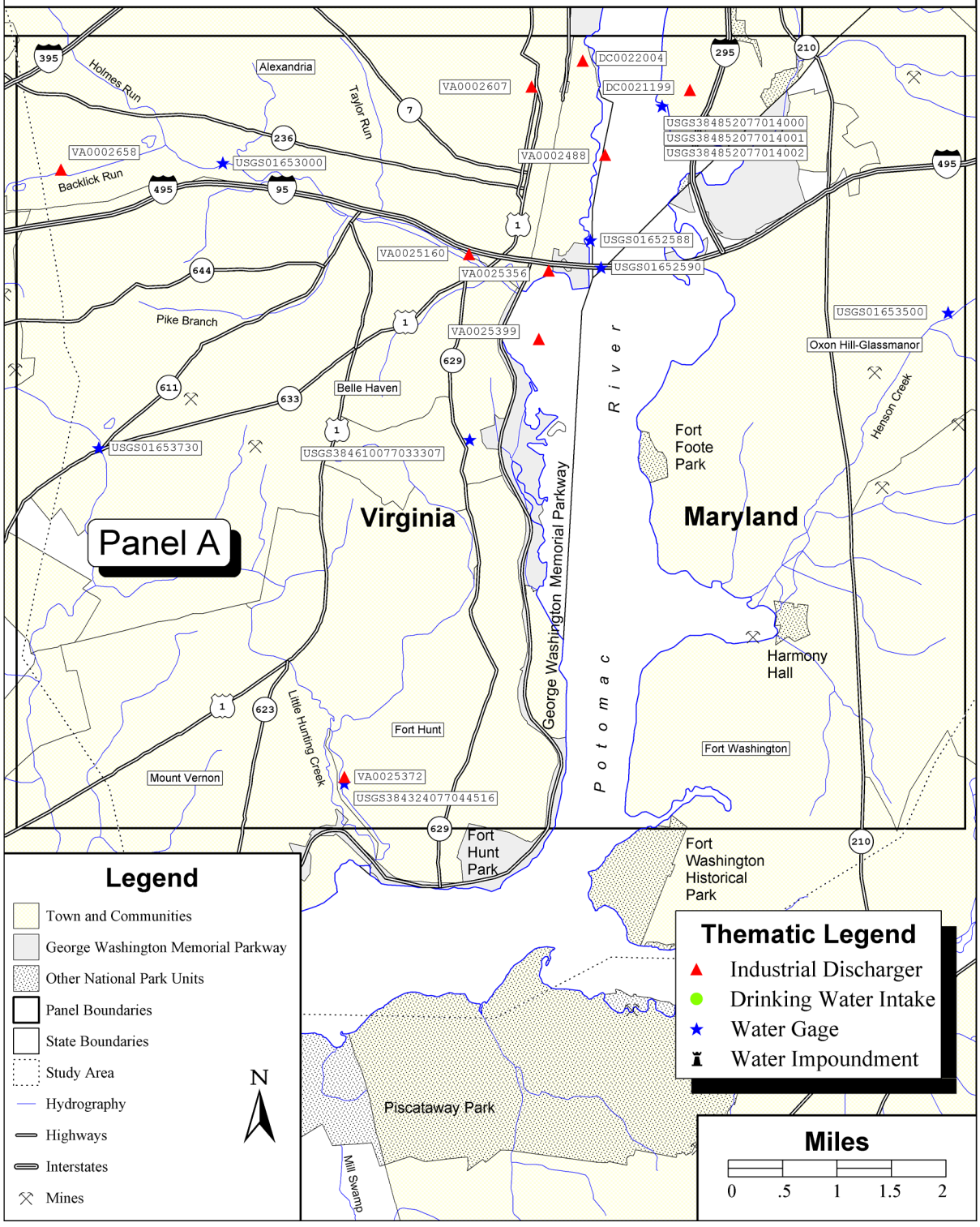
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



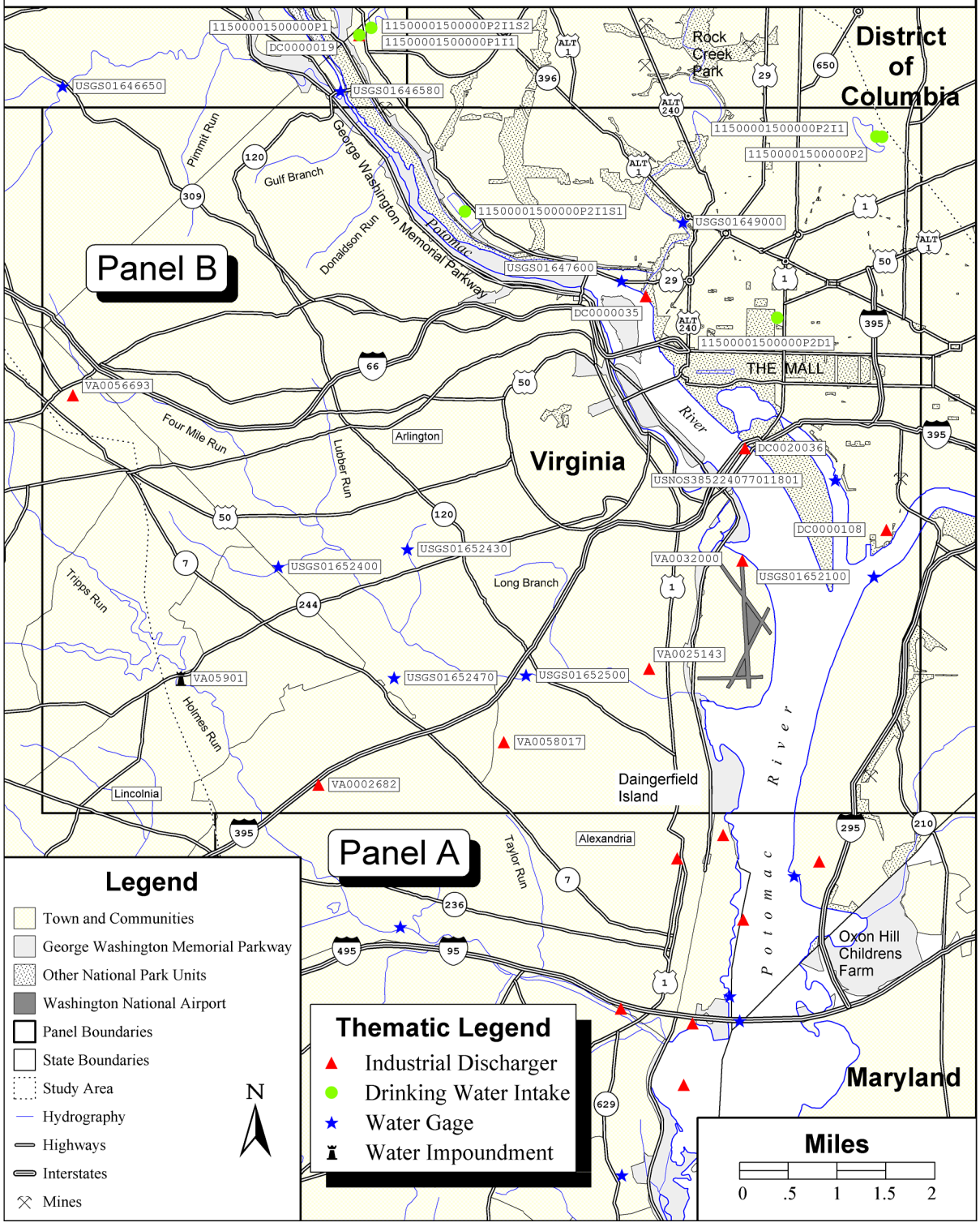
George Washington Memorial Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



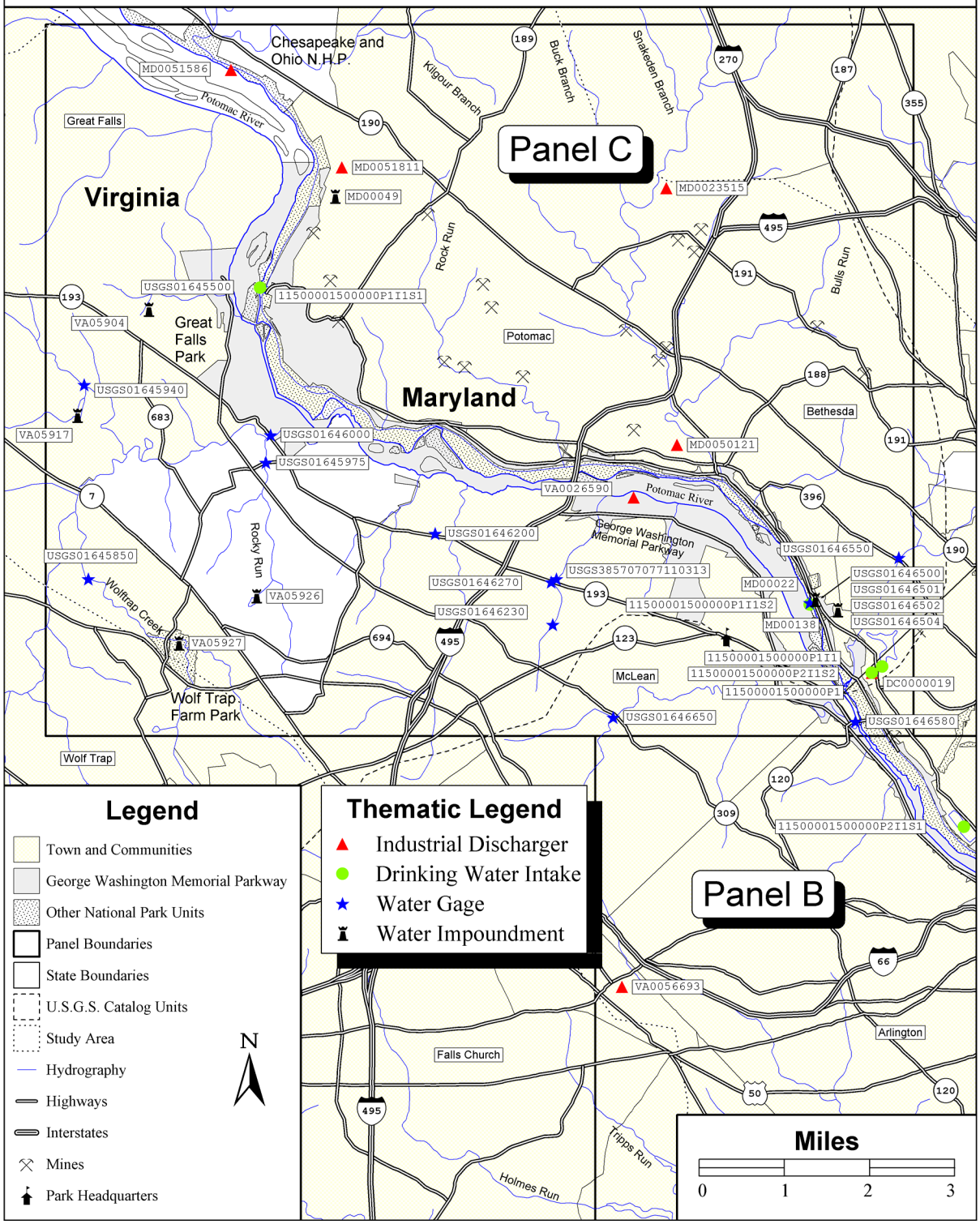
George Washington Memorial Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



George Washington Memorial Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
DC0000019	WASH AQUEDUCT DALECARLIA PLANT	5900 MACARTHUR BLVD. N.W.	WASHINGTON	POTOMAC RIVER
DC0000035	WEST HEATING PLANT	GSA NCRHOTP, ROOM 6672	WASHINGTON	POTOMAC RIVER
DC0000108	PEPCO BUZZARD POINT	1900 PENNSYLVANIA AVE.	WASHINGTON	ANACOSTIA RIVER
DC0020036	GSA CENTRAL HEATING & REFRIGER	13TH & C STS SW	WASHINGTON	WASHINGTON CHANNEL TO POTOMAC
DC0021199	D. C. DEPT. OF PUBLIC WORKS	5000 OVERLOOK AVE., S.W.	WASHINGTON	POTOMAC, ANACOSTIA,& PINEY RIV
DC0022004	POTOMAC ELECTRIC POWER CO	1900 PENNSYLVANIA AVENUE,	WASHINGTON	POTOMAC RIVER
MD0023515	TRI STATE STONE CO.INC. BEN PO	PO BOX 34300	BETHESDA	CABIN JOHN CREEK
MD0050121	WASHINGTON SUBURBAN SANITARY C	.....	COLMAR MANOR	CABIN JOHN C
MD0051586	POTOMAC RIVER WATER FILTRATION	12200 RIVER RD	.....	POTOMAC R
MD0051811	ROCKVILLE,CITY OF,FILTRATION P	MARYLAND AVE. AT VINSON	ROCKVILLE	UNNAMED TRIB.INTO POTOMAC RIVE
VA0002488	PEPCO POTOMAC RIVER	POTOMAC RIVER GENERATING	ALEXANDRIA	..
VA0002607	NORTON & CO INC ALEXANDRIA	P O BOX 786	ALEXANDRIA	POTOMAC RIVER
VA0002658	NEWTON ASPHALT CO INC	5601 COURTNEY AVE	ALEXANDRIA	BACK LICK
VA0002682	DUKE'S CAR WASH INC	404 HIGHGATE TERR	SILVER SPRING	HOLME'S RUN
VA0025143	ARLINGTON	S GLEBE RD	.....	FOUR MILE RN
VA0025160	ALEXANDRIA CITY SANITARY AUTHO	835 S PAYNE ST	ALEXANDRIA	HUNTING C
VA0025356	ALEXANDRIA INTERCEPTING SYSTEM	.....	ALEXANDRIA	POTOMAC R
VA0025372	FAIRFAX CO LITTLE HUNTING CR	8600 STOCKTON PKWY	.....	L HUNTING C
VA0025399	FAIRFAX CO WESTGATE	6801 FORT HUNT RD	.....	POTOMAC R
VA0026590	RIVERVIEW ESTATES	1637 MACON ST	MCLEAN	POTOMAC R
VA0032000	GSA VA HEATING & REFRIGERATION	CLARK ST	ARLINGTON	ROACHES RN
VA0056693	CROSSROADS TRANSMISSIONS INC	5701 COLUMBIA PIKE	FALLS CHURCH	TR TO FOUR MILE RN
VA0058017	VIRGINIA CONCRETE CO SHIRLINGT	P O BOX 666	SPRINGFIELD	FOUR MILE RUN TO POTOMAC R

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
11500001500000P1	DALECARLIA TRMT PLT	DISTRICT OF C	1100000	0.00
11500001500000P1I1	DALECARLIA RESERVOI	DISTRICT OF C	1100000	0.00
11500001500000P1I1S1	POTOMAC RIV GRT FAL	DISTRICT OF C	1100000	0.00
11500001500000P1I1S2	POTOMAC RI LITT FAL	DISTRICT OF C	1100000	0.00
11500001500000P2	MCMILLAN TRTMT PLNT	DISTRICT OF C	1100000	0.00
11500001500000P2D1		DISTRICT OF C	1100000	0.00
11500001500000P2I1	MCMILLAN RESERVOIR	DISTRICT OF C	1100000	0.00
11500001500000P2I1S1	GEORGETOWN RESERVOI	DISTRICT OF C	1100000	0.00
11500001500000P2I1S2	DALECARLIA RESERVOI	DISTRICT OF C	1100000	0.00

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

Water Gages

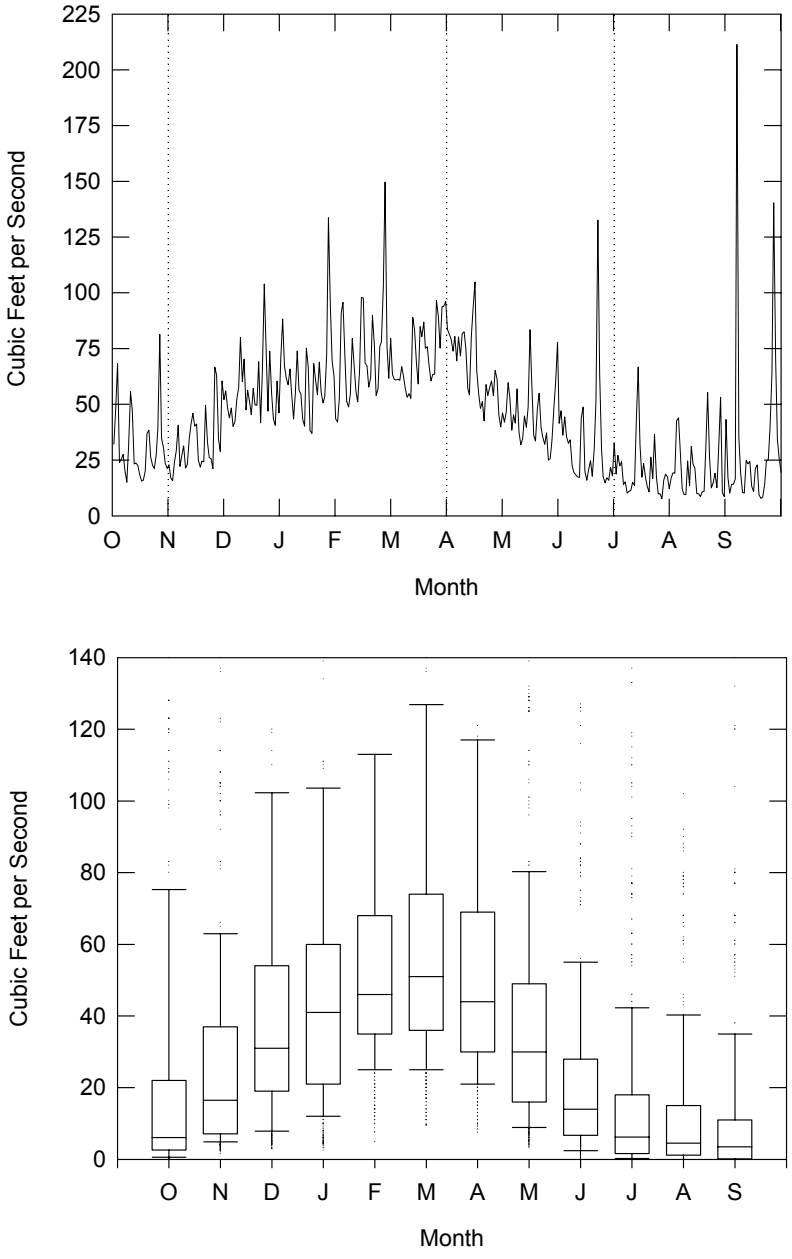
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS01645850	WOLFTRAP C NR VIENNA	Stream	6.75		
USGS01645940	CAPTAIN HICKORY RN N	Stream	1.47		
USGS01645975	ROCKY RUN NEAR GREAT	Stream	3.22		
USGS01646000	DIFFICULT RUN NEAR GREAT FALLS, VA	Stream	57.90	1935	1994
USGS01646200	SCOTT RUN NEAR MCLEA		469.00		
USGS01646230	DEAD RN AT CHURCHILL	Stream	1.07		
USGS01646270	DEAD RN AT OLD GEORG	Stream	1.83		
USGS01646500	POTOMAC R NR WASH, DC L FALLS PUMP STA	Stream	1560.00	1930	1994
USGS01646550	L FALLS B NR BETHESDA, MD	Stream	4.10	1944	1979
USGS01646650	PIMMIT RN AT OLD DOM	Stream	5.00		
USGS01649000	ROCK C AT Q STREET W	Stream	7580.00		
USGS01652100	POTOMAC R AT US NAVAL STN, WASH, DC	Estuary			
USGS01652400	LONG BRANCH AT ARLIN	Stream			
USGS01652430	DOCTORS RUN AT ARLIN	Stream			
USGS01652470	LUCKY RUN AT ARLINGT	Stream	1.22		
USGS01652500	FOURMILE RUN AT ALEXANDRIA, VA	Stream	14.40	1952	1983
USGS01653000	CAMERON RUN AT ALEXANDRIA, VA	Stream	33.70	1955	1993
USGS01653500	HENSON C AT OXON HILL, MD	Stream	16.70	1948	1978
USGS01653730	DOGUE C NR FRANCONIA	Stream	1.78		
USNOS385224077011801	WASHINGTON POTOMAC R	Estuary			
USGS01647600	POTOMAC R AT WISCONSIN AVE, WASH, DC	Estuary			
USGS01652590	POTOMAC R AT ALEXANDRIA, VA	Estuary	11880.0		
USGS384852077014000	BLUE PLAINS SEWAGE TREATMENT PLANT	Specific		1979	1981
USGS384852077014001	BLUE PLAINS SEWAGE TREATMENT PLANT OUTFALL 001	Specific		1980	1981
USGS384852077014002	BLUE PLAINS SEWAGE TREATMENT PLANT OUTFALL 002	Specific		1979	1981
USGS01645500	POTOMAC R AT GREAT FALLS, MD	Stream			
USGS01646501	POTOMAC R DIVERSIONS	Stream		1930	1993
USGS01646502	POTOMAC R (ADJUSTED) NR WASH, DC	Stream	11560.0	1930	1993
USGS01646504	POTOMAC R DIVERSIONS IN M.G.D.	Stream		1992	1993
USGS01646580	POTOMAC R AT CHAIN BRIDGE, AT WASH, DC	Stream	11570.0	1979	1981
USGS01652588	POTOMAC RIV AT CST GUARD DOCK AT ALEXANDRIA, VA	Estuary			
USGS384324077044516	LITTLE HUNTING CR TREATMENT PLANT AT GUM SPRINGS	Climate			
USGS384610077033307	WESTGATE TREATMENT PLANT NR PENN DAW, VA	Climate			
USGS385707077110313	DEAD RUN PUMPING STATION NR MC LEAN, VA	Climate			

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
MD00022	LITTLE FALLS DAM	DAEN NAB	Supply	Gravity	Significant	1958
MD00049	GREAT FALLS ESTATE DAM	MILLER DEVELOPEMENT CO.	Rec.	Earth	Low	1963
MD00138	LITTLE FALLS DAM	DAEN NAB	Supply	Gravity	Low	1959
VA05901	BARCROFT DAM	BARLAMA	Rec.	Gravity	High	1915
VA05904	MINE RUN DAM	AGNES H MCKNIGHT	Flood	Earth	Significant	1966
VA05917	PINEY RUN DAM	LAKE WEROWANCE INC	Other	Earth	Low	1971
VA05926	WOODSIDE DAM	FAIRFAX CO PARK AUTH.	Rec.	Earth	Low	1970
VA05927	WOLF TRAP FARM POND DAM	DOI NPS NCR WTFP	Farm	Earth	Low	1930

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

GEORGE WASHINGTON MEMORIAL PARKWAY
Piscataway Creek at Piscataway, MD
01653600, 22 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for George Washington Memorial Parkway are: Jul. 1 to Oct. 31, Nov. 1 to Mar. 31, and Apr. 1 to Jun. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR GWMP

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687	
21MDEXP	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
1113PIWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113PESE	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11121TWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11121VWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113PEET	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21VASWCB	POLLOCK, VERA	VA DEPT OF ENVIRONMENTAL	(804)527-5224	
1113UPBA	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113POTS	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113TIWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MD	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
11121WWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
111230WQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MDOEP	CLAFLIN, LARRY	MD OFFICE OF ENVIRON PGMS	(301)225-6316	
21MD30WQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MDPGHD	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 21MDPGHD HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
31POTOMA	HAYWOOD, CARLTON	INTRSTAT COMM POTOMAC RVR	(301)984-1908	
21DCBAWQ	JARMON, CLIFFORD	WASH DC BUR OF AIR AND WQ	(202)404-1122	
11TRAIN	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
EXAMPLE	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1113VABD	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113AAWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11121ZWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
1113MCST	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
111WS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1119ORPF	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1119ORPF HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
21MDUNIV	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MDMONT	MATHIS, JAMES	MONTGOMERY CO DIV ENV PLN	(301)251-2360	
31GMU	JONES, CHRIS	GEORGE MASON UNI (VA)	(703)323-2518	
11FWS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11121OWQ	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 11121OWQ HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
1113PPWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
12NSS	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(503)754-4427	

QUANTITY OF DATA RETRIEVED FOR GWMP BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	/ Park Only	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park
112WRD	US GEOLOGICAL SURVEY	04/03/45-07/08/94	04/03/45-01/24/80	49	2	7	0	0	0	114493	371	408	69
21MDEXP	MARYLAND DEPT OF NAT RES	No Data in S.A.	No Data in Park	33	2	0	0	33	2	0	0	0	0
1113PIWQ	USEPA REGION 3	07/11/68-08/16/68	No Data in Park	5	0	0	0	0	0	173	0	10	0
1113PESE	USEPA REGION 3	No Data in S.A.	No Data in Park	18	1	0	0	18	1	0	0	0	0
11121TWQ	USEPA REGION 3	04/07/70-09/16/81	04/07/70-09/16/81	24	8	20	7	0	0	15735	3255	172	154
11121VWQ	USEPA REGION 3	02/25/70-07/09/70	No Data in Park	2	0	0	0	0	0	130	0	13	0
1113PEET	USEPA REGION 3	02/24/70-07/09/70	No Data in Park	3	0	0	0	0	0	175	0	14	0
21VASWCB	VA DEPT OF ENVIRONMENTAL	03/05/70-11/07/95	07/06/72-11/07/95	43	5	20	4	3	0	46563	26887	251	237
1113UPBA	USEPA REGION 3	01/14/67-03/13/67	01/24/67-03/13/67	19	3	0	0	2	0	522	82	4	4
1113POTS	USEPA REGION 3	11/03/69-12/01/69	11/03/69-11/19/69	17	2	0	0	0	0	2830	182	9	8
1113TIWQ	USEPA REGION 3	No Data in S.A.	No Data in Park	13	1	0	0	13	1	0	0	0	0
21MD	MARYLAND DEPT OF NAT RES	09/15/69-10/01/81	09/15/69-06/03/81	4	1	4	1	0	0	4993	893	50	20
11121WWQ	USEPA REGION 3	02/24/70-03/23/70	No Data in Park	7	1	0	0	6	1	45	0	13	0
111230WQ	USEPA REGION 3	02/18/69-03/23/70	No Data in Park	4	0	0	0	0	0	1662	0	13	0
21MDOEP	MD OFFICE OF ENVIRON PGMS	04/08/80-12/13/94	04/08/80-12/13/94	3	1	3	1	0	0	23039	3323	62	49
21MD30WQ	USEPA REGION 3	No Data in S.A.	No Data in Park	5	1	0	0	5	1	0	0	0	0
21MDPGHD	USEPA HQ	01/24/73-11/26/80	No Data in Park	8	0	8	0	0	0	2879	0	12	0
31POTOMA	INTRSTAT COMM POTOMAC RVR	No Data in S.A.	No Data in Park	87	4	0	0	87	4	0	0	0	0
21DCBAWQ	WASH DC BUR OF AIR AND WQ	10/11/83-09/24/90	10/12/83-09/17/90	66	8	24	2	11	1	72785	6166	43	43
11TRAIN	USEPA HQ	No Data in S.A.	No Data in Park	16	1	0	0	16	1	0	0	0	0
EXAMPLE	USEPA HQ	No Data in S.A.	No Data in Park	4	0	0	0	4	0	0	0	0	0
1113VABD	USEPA REGION 3	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
1113AAWQ	USEPA REGION 3	03/18/70-12/15/70	No Data in Park	3	0	0	0	0	0	176	0	15	0
11121ZWQ	USEPA REGION 3	03/18/70-12/15/70	No Data in Park	2	0	0	0	0	0	133	0	17	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
11BIOACC	U.S. EPA MDSD	08/29/84-12/17/86	No Data in Park	2	0	0	0	0	0	128	0	64	0
1110NET	USEPA HQ	10/14/57-09/19/72	10/14/57-09/19/72	2	1	2	1	0	0	23520	16623	153	153
1113MCST	USEPA REGION 3	08/06/73-08/09/73	08/06/73-08/09/73	18	8	0	0	1	0	962	461	15	15
111WS	USEPA HQ	02/13/75-03/04/75	No Data in Park	1	0	0	0	0	0	7	0	7	0
1119ORPF	USEPA HQ	01/03/69-01/11/74	No Data in Park	1	0	1	0	0	0	1297	0	17	0
21MDUNIV	USEPA REGION 3	06/15/71-08/18/71	No Data in Park	13	0	0	0	1	0	1076	0	9	0
21MDMONT	MONTGOMERY CO DIV ENV PLN	01/15/71-08/13/86	No Data in Park	18	0	14	0	0	0	26068	0	48	0
31GMU	GEORGE MASON UNI (VA)	No Data in S.A.	No Data in Park	2	1	0	0	2	1	0	0	0	0
11FWS	USEPA HQ	10/01/69-10/01/86	10/01/69-10/01/86	1	1	1	1	0	0	763	763	39	39
11121OWQ	USEPA HQ	02/17/69-09/06/78	No Data in Park	1	0	0	0	0	0	1202	0	140	0
1113PPWQ	USEPA REGION 3	07/28/69-08/18/69	No Data in Park	1	0	0	0	0	0	17	0	11	0
12NSS	EPA ENVIRONMENTAL RES LAB	03/25/86-04/09/86	No Data in Park	2	0	0	0	0	0	108	0	27	0
Totals		04/03/45-11/07/95	04/03/45-11/07/95	499	52	104	17	204	13	341481	59006	849	523

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

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0001	POTOMAC RIVER BUOY 73 BTWN HT AND MH	No	28	0	28	0
GWMP0002	MID-CRK 0.4 MILES EAST OF MOCKLEY PT.	No	0	0	0	0
GWMP0003	PSCATAWY C. MID-BAY CHNL MARKERS	No	35	0	0	35
GWMP0004	POTO.R. PISCATAWAY 1/3 INTO BAY	No	0	0	0	0
GWMP0005	PSCATAWY C. OFF PT. BELOW MARINA	No	34	0	0	34
GWMP0006[1]	PSCATAWY C. BLW MARINA CHAN-MARK	No	171	0	69	102
GWMP0007	PSCATAWY C. BUOY 76 IN POTOMAC R	No	34	0	0	34
GWMP0008	PISCATAWAY CR. OFF MOCKLEY POINT	No	59	0	0	59
GWMP0009	PO.R. AT MOUTH OF PISCATAWAY CR.	No	60	0	0	60
GWMP0010	POTOMAC RIVER, PISCATAWAY CREEK	No	0	0	0	0
GWMP0011	PO.R. FT.WASHINGTON NEAR C"75"	No	29	0	0	29
GWMP0012	MID-CHANNEL OFF C "79"	No	0	0	0	0
GWMP0013	PO.R. PSCATAWAY CR.BTW FL"77&76"	No	306	0	0	306
GWMP0014	POTO.R. PSCTAWY BTW FL"77"&N"76"	No	0	0	0	0
GWMP0015	POTOMAC R. PISCATAWAY CR. EMBAYM	No	0	0	0	0
GWMP0016	POTOMAC RIVER BUOY 77 BTWN HT AND MH	No	43	0	43	0
GWMP0017[1]	BUOY 75 AT SHERIDAN POINT	No	695	0	314	381
GWMP0018	0.2 MILES FROM MOUTH AND 0.1 MILES FROM FT. WASH	No	0	0	0	0
GWMP0019[1]	AT FL BUOY "77" OFF MOUTH OF PISCATAWAY CRK STA.	No	1935	0	1871	64
GWMP0020[1]	POT. R. OFF PISCATAWAY CR. B 77	No	1654	0	705	949
GWMP0021	POTOMAC R. AT PISCATAWAY 77	No	45	0	0	45
GWMP0022	POTOMAC RIVER AT FL. 77	No	71	0	0	71
GWMP0023	PSCATAWY C. MID-CHAN CONFLU POTM	No	35	0	0	35
GWMP0024[1]	PSCATAWY C. MOUTH MID-CHAN MARKR	No	191	0	90	101
GWMP0025	POTOMAC RIVER AT PISCATAWAY CR	No	412	0	0	412
GWMP0026	POTOMAC R. PISCATAWAY AT FL"77"	No	42	0	0	42
GWMP0027	PO.R. PISCATAWAY CR. AT FL"77"	No	73	0	0	73
GWMP0028[1]	AT FL BOUY 77 OFF MOUTH OF PISCATAWAY CR.	No	17700	17700	0	0
GWMP0029	POTO.R. PISCATAWAY BTW FL77&SHER	No	0	0	0	0
GWMP0030	PISCATAWAY CREEK-STATION 7	No	0	0	0	0
GWMP0031	PISCATAWAY CREEK-STATION 7	No	0	0	0	0
GWMP0032	FL BUOY 22 NEAR SHERIDAN POINT	No	0	0	0	0
GWMP0033	MID-CHANNEL BETWEEN N "76" AND FL "77"	No	0	0	0	0
GWMP0034	PO.R. FORT WASHINGTON OFF BANK	No	7	0	0	7
GWMP0035	PSCATAWY C. MONITOR BUOY POTOMAC	No	35	0	0	35
GWMP0036[1]	GEORGE WASHINGTON PARKWAY BRIDGE	Yes	7689	4513	3122	54
GWMP0037	LITTLE HUNTING CREEK	Yes	60	0	60	0
GWMP0038[1]	POTOMAC RIVER AT HATTON POINT	No	10607	0	10607	0
GWMP0039	FAIRFAX-LITTLE HUNTING CREEK STP	No	0	0	0	0
GWMP0040	LEFT SHORELINE BUOY #83 PRINCE GEORGE CO, MD.	No	165	165	0	0
GWMP0041[1]	STP	No	534	0	0	534
GWMP0042	LITTLE HUNTING CK, NEAR STP	No	5	0	0	5
GWMP0043[1]	BROAD C TRB-OXON HILL INDIN HD R	No	342	0	265	77
GWMP0044	POTOMAC RIVER BUOY 84/86 BTWN RS AND HT	No	41	0	41	0
GWMP0045	LITTLE HUNTING CREEK AT GUM SPRINGS, VA	No	57	0	30	27
GWMP0046[1]	RT. 1 BRIDGE	No	390	21	343	26
GWMP0047[1]	BROAD C TRB-OXON HILL FT WASH RD	No	364	0	285	79
GWMP0048	POTO.R. BROAD CR. HALFWAY IN CR.	No	0	0	0	0
GWMP0049	POTOMAC RIVER, BROAD CREEK	No	0	0	0	0
GWMP0050	POTO.R. BROAD CR. OPP.IND.QUEEN	No	0	0	0	0
GWMP0051	POTOMAC R. BROAD CREEK EMBAYMENT	No	0	0	0	0
GWMP0052	POTO.R. BROAD C. CHAN S OF N"86"	No	0	0	0	0
GWMP0053	BROAD CREEK-STATION 6	No	0	0	0	0
GWMP0054	BROAD CREEK-STATION 6	No	0	0	0	0
GWMP0055	POTOMAC RIVER AT ROSIER BLUFF	No	0	0	0	0
GWMP0056	POTOMAC AT ROSIER BLUFF TRANS Z2	No	0	0	0	0
GWMP0057	POTOMAC AT ROSIER BLUFF TRANS Z4	No	0	0	0	0
GWMP0058	POTOMAC AT ROSIER BLUFF TRANS Z6	No	0	0	0	0
GWMP0059	POTOMAC AT ROSIER BLUFF TRANS Z8	No	0	0	0	0
GWMP0060	ROUTE 626 (FAIRFAX CO)	No	41	41	0	0
GWMP0061	POTOMAC RIVER AT BROAD CREEK	No	415	0	0	415
GWMP0062[1]	POTOMAC RIVER OFF BROAD CR. N 86	No	1577	0	692	885
GWMP0063	POTOMAC RIVER AT BROAD CR. N 86	No	0	0	0	0
GWMP0064	PO.R. BROAD CR. NEAR RN"86"	No	251	0	0	251
GWMP0065	PO.R. BROAD CR. NEAR R N"86"	No	33	0	0	33
GWMP0066	POTO.R. BROAD CR.BTW N86&WST SHR	Yes	0	0	0	0
GWMP0067	.38NM W OF INDIAN QUEEN BLUFF	No	0	0	0	0
GWMP0068	PO.R. OFF ROSIER BLUFF,MD.	No	309	0	0	309
GWMP0069[1]	HENSON C-OXON HILL RD	No	362	0	289	73
GWMP0070	BROAD CR AT BRDG SOFFORT FOOTE	No	0	0	0	0
GWMP0071[1]	HENSON C TRB-OXON HILL	No	350	0	276	74

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0072[1]	HENSON C-OXON HILL INDIAN HD HWY	No	366	0	292	74
GWMP0073	NEAR MOUTH HUNTING CREEK-ROSIER BLUFF	No	124	0	124	0
GWMP0074	ROUTE 611 (FAIRFAX CO)	No	66	45	21	0
GWMP0075	FAIRFAX-WESTGATE STP VA.	No	0	0	0	0
GWMP0076[1]	POTOMAC RIVER AT ROSIER BLUFF	No	9026	0	9026	0
GWMP0077[1]	ROSIER BLUFF 100 METERS WEST OF BUOY D.C.	No	3039	2433	606	0
GWMP0078[1]	POTOMAC RIVER OFF ROSIER BLUFF	No	721	0	721	0
GWMP0079[1]	CAREY BR-OXON HILL KIRBY HILL RD	No	364	0	290	74
GWMP0080	POTO.R. HUNTNG C.BTW FLR2&EAST S	No	0	0	0	0
GWMP0081	HUNTING CREEK SOUTH, D.C.	No	412	313	99	0
GWMP0082	POTO.R. FL R"2" CHAN OFF HNTNG C	No	0	0	0	0
GWMP0083	TELEGRAPH ROAD (FAIRFAX CO)	No	26	26	0	0
GWMP0084	POTOMAC RIVER AT HUNTING CREEK	No	952	0	952	0
GWMP0085	POTO.R. 300'OFF MOUTH HUNTING CR	No	0	0	0	0
GWMP0086	400 YDS OFFSHORE AT SOUTH END OF COVE 25 FT DEPT	No	0	0	0	0
GWMP0087	100 YDS OFFSHORE 11 FT DEPTH SOUTH END OF COVE	No	0	0	0	0
GWMP0088	100 YDS OFFSHORE 16 FT DEPTH AT CENTER OF COVE	No	0	0	0	0
GWMP0089	HUNTING CREEK NORTH, D.C.	No	388	313	75	0
GWMP0090	FLORENCE LANE (FAIRFAX CO)	No	26	26	0	0
GWMP0091	HENSON C AT OXON HILL, MD	No	112	0	88	24
GWMP0092	400 YDS SOUTH OF POINT AT NORTH ENDOF COVE	No	0	0	0	0
GWMP0093	100 YDS OFFSHORE FROM EASTERNMOST INDENTATION O	No	0	0	0	0
GWMP0094	300 FT SOUTH OF NORTH END OF COVE AND 900 YDS W	No	0	0	0	0
GWMP0095	PENN DAW OUTFALL AT ALEXANDRIA, VA	No	30	0	30	0
GWMP0096	PO.R. WESTGATE,VA. STP EFFLUENT	No	39	0	0	39
GWMP0097[1]	GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFAX CO)	Yes	6594	3949	2588	57
GWMP0098	POTOMAC AT WOODROW WILSON BRIDGE TRANS W2	No	0	0	0	0
GWMP0099	POTOMAC AT WOODROW WILSON BRIDGE TRANS W3	No	0	0	0	0
GWMP0100	POTOMAC AT WOODROW WILSON BRIDGE TRANS W4	No	0	0	0	0
GWMP0101	POTOMAC AT WOODROW WILSON BRIDGE TRANS W45	No	0	0	0	0
GWMP0102	POTOMAC AT WOODROW WILSON BRIDGE TRANS W5	No	0	0	0	0
GWMP0103	POTOMAC AT WOODROW WILSON BRIDGE TRANS W55	No	0	0	0	0
GWMP0104	POTOMAC AT WOODROW WILSON BRIDGE TRANS W6	No	0	0	0	0
GWMP0105	POTOMAC AT WOODROW WILSON BRIDGE TRANS W7	No	0	0	0	0
GWMP0106	POTOMAC AT WOODROW WILSON BRIDGE TRANS W8	No	0	0	0	0
GWMP0107	POTOMAC AT WOODROW WILSON BRIDGE TRANS W9	No	0	0	0	0
GWMP0108	OFF POINT AT NORTH END OF COVE	No	0	0	0	0
GWMP0109[1]	HENSON C-OXON HILL BOCK RD	No	369	0	290	79
GWMP0110	POTOMAC RIVER, NEAR WOODROW WILSON BRIDGE	No	0	0	0	0
GWMP0111	100 YDS OFFSHORE 5 FT DEPTH AT NORTH END OF COVE	No	0	0	0	0
GWMP0112	50 YDS OFFSHORE AT NORTH END OF COVE 5-6 FT. DEP	No	0	0	0	0
GWMP0113[1]	POTOMAC R AT ALEXANDRIA, VA	No	32130	0	32028	102
GWMP0114[1]	0.1 NM E OF JONES PT. UNDER BRIDGE IN MID-CHANNE	No	1079	0	1019	60
GWMP0115[1]	POTOMAC RIVER, WOODROW WILSON BR	No	1657	0	742	915
GWMP0116	POTOMAC R. AT WOODROW WILSON BR.	No	0	0	0	0
GWMP0117	POTOMAC R. WOODROW WILSON BR.	No	0	0	0	0
GWMP0118	PIKE BRANCH AT ALEXANDRIA, VA	No	57	0	30	27
GWMP0119	MID-CHANNEL WOOD WILSON BRDG 495	No	0	0	0	0
GWMP0120	PO.R. WOODROW WILSON BR. WASH,DC	No	214	0	0	214
GWMP0121	PO.R. WOODROW WILSON BR. D.C.	No	56	0	0	56
GWMP0122	POTOMAC R AT WOODROW WILSON BR.	No	412	0	0	412
GWMP0123	PO.R. ALEXANDRIA STP EFFLUENT	No	48	0	0	48
GWMP0124[1]	ALEXANDRIA STP EFFLUENT	No	620	0	0	620
GWMP0125	WOODROW WILSON BRIDGE-STATION 5	No	0	0	0	0
GWMP0126[1]	WOODROW WILSON BRIDGE, D.C.	No	3289	2692	597	0
GWMP0127	POTOMAC RIV AT CST GUARD DOCK AT ALEXANDRIA, VA	No	2	2	0	0
GWMP0128	PO.R. ALEXANDRIA MARINE SERV.DOK	No	0	0	0	0
GWMP0129	ALEXANDRIA,VA. STP	No	0	0	0	0
GWMP0130	ALEXANDRIA,VA. STP	No	41	0	0	41
GWMP0131	BURGUNDY ROAD (FAIRFAX CO)	No	56	34	0	22
GWMP0132[1]	TELEGRAPH RD,RT. 611/241 BRI, ABOVE STP	No	447	0	0	447
GWMP0133	EISENHOWER AVENUE (ALEXANDRIA CITY)	No	38	38	0	0
GWMP0134	POTOMAC AT OXON COVE TRANS V1	No	0	0	0	0
GWMP0135	POTOMAC AT OXON COVE TRANS V2	No	0	0	0	0
GWMP0136	POTOMAC AT OXON COVE TRANS V3	No	0	0	0	0
GWMP0137	POTOMAC AT OXON COVE TRANS V4	No	0	0	0	0
GWMP0138	POTOMAC AT OXON COVE TRANS V5	No	0	0	0	0
GWMP0139	POTOMAC AT OXON COVE TRANS V6	No	0	0	0	0
GWMP0140	POTOMAC AT OXON COVE TRANS V7	No	0	0	0	0
GWMP0141	POTOMAC AT OXON COVE TRANS V8	No	0	0	0	0
GWMP0142	POTOMAC AT OXON COVE TRANS V9	No	0	0	0	0

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0143	POTOMAC AT OXON COVE TRANS V10	No	0	0	0	0
GWMP0144	POTOMAC R BEL OXON C AT WASHINGTON, DC	No	44	44	0	0
GWMP0145[1]	HENSON C-OXON HILL BRINKLEY RD	No	362	0	283	79
GWMP0146	BACKLICK RUN AT ALEXANDRIA, VA	No	57	0	30	27
GWMP0147	DUKE STREET (ALEXANDRIA CITY)	No	38	38	0	0
GWMP0148	POTOMAC EAST CHANNEL WASH.,D.C.	No	0	0	0	0
GWMP0149	CAMERON RUN AT ALEXANDRIA, VA	No	263	0	193	70
GWMP0150	TORPEDO FACTORY, D.C.	No	424	321	103	0
GWMP0151[1]	GAGING STATION BEHIND CAMERON STATION	No	2553	502	2003	48
GWMP0152	POTOMAC EAST CHANNEL WASH.,D.C.	No	0	0	0	0
GWMP0153	TAYLOR RUN AT ALEXANDRIA, VA	No	27	0	0	27
GWMP0154	OXEN CREEK W OF FOREST HEIGHTS	Yes	0	0	0	0
GWMP0155	ROUTE 236 (ALEXANDRIA CITY)	No	156	112	21	23
GWMP0156	POTOMAC EAST CHANNEL WASH.,D.C.	No	0	0	0	0
GWMP0157	POTOMAC RIVER AT BLUE PLAINS	No	939	0	939	0
GWMP0158	PO.R. BLUE PLAINS NEAR R"8" FLR	No	0	0	0	0
GWMP0159[1]	POTOMAC RIVER, BELLEVUE, NUN 8	No	1408	0	542	866
GWMP0160	OPPOSITE SEWAGE TREAT. PLT.,D.C.	No	386	308	78	0
GWMP0161[1]	POTOMAC RIVER AT MARBURY POINT	No	7154	0	7154	0
GWMP0162	HOLMES RUN NEAR MY HOUSE	No	0	0	0	0
GWMP0163	HOLMES RUN 2.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0164	HOLMES RUN 2.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0165	HOLMES RUN 2.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0166	HOLMES RUN 2.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0167	HOLMES RUN 2.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0168	DAN BAR NEAR HIS HOUSE	No	0	0	0	0
GWMP0169	HOLMES RUN 2.64 MILES UPSTREAM OF POTOMAC RIVER	No	0	0	0	0
GWMP0170	HOLMES RUN 2.64 MILES UP FORM POTMACE	No	0	0	0	0
GWMP0171	SABINE RIVER AT NEWTON COUNTY LINE	No	0	0	0	0
GWMP0172	SO PLATTE AT NORTH MCDONALDS BRIDGE	No	0	0	0	0
GWMP0173	RIVER NEAR DEAD TREE	No	0	0	0	0
GWMP0174	LARAMIE RIVER AB LARAMIE	No	0	0	0	0
GWMP0175	THE RIVER	No	0	0	0	0
GWMP0176	HOLMES RUN 22.64 MILES UP FROM POTOMAC	No	0	0	0	0
GWMP0177	PO.R. BLUE PLAINS ABV STP&R"8"	No	271	0	0	271
GWMP0178	POTOMAC RIVER LAGRANGIAN SHALLOW	No	1231	0	1231	0
GWMP0179	POTOMAC RIVER LAGRANGIAN CHANNEL	No	2073	0	2073	0
GWMP0180	PO.R. BLUE PLAINS STP EFFLUENT	No	39	0	0	39
GWMP0181	BLUE PLAINS STP S WASHINGTON,DC	No	0	0	0	0
GWMP0182	BLUE PLAINS STP S WASH.,D.C.	No	30	0	0	30
GWMP0183	POTOMAC AT BLUE PLAINS TRANS S1	No	0	0	0	0
GWMP0184	POTOMAC AT BLUE PLAINS TRANS S2	No	0	0	0	0
GWMP0185	POTOMAC AT BLUE PLAINS TRANS S3	No	0	0	0	0
GWMP0186	POTOMAC AT BLUE PLAINS TRANS S4	No	0	0	0	0
GWMP0187	POTOMAC AT BLUE PLAINS TRANS S5	No	0	0	0	0
GWMP0188	POTOMAC AT BLUE PLAINS TRANS S6	No	0	0	0	0
GWMP0189	POTOMAC AT BLUE PLAINS TRANS S7	No	0	0	0	0
GWMP0190	POTOMAC AT BLUE PLAINS TRANS S8	No	0	0	0	0
GWMP0191	POTOMAC AT BLUE PLAINS TRANS S9	No	0	0	0	0
GWMP0192[1]	BEAUREGARD STREET, CITY OF ALEXANDRIA	No	713	713	0	0
GWMP0193	POTO.R. BELLEVUE BTW 23'B&EAST S	No	0	0	0	0
GWMP0194[1]	NRL PIER 100M SOUTH OF PIER D.C.	No	3202	2619	583	0
GWMP0195	POTOMAC R. AT BELLEVUE BELL 23	No	0	0	0	0
GWMP0196	PO.R. BELLEVUE NEAR 23'BELL FLR	No	231	0	0	231
GWMP0197	PO.R. BELLEVUE NEAR 23'BELL FLR	No	11	0	0	11
GWMP0198	POTO.R. BELLEVUE CHAN 23' BELL	No	0	0	0	0
GWMP0199	POTO.R. BELLEVUE BTW CHAN&WST SH	No	0	0	0	0
GWMP0200	POTOMAC R. OFF BELLEVUE-N ALEX.	No	0	0	0	0
GWMP0201	DANGERFIELD ISLAND NORTH, D.C.	No	396	318	78	0
GWMP0202	BELLEVUE-STATION 4	No	0	0	0	0
GWMP0203[1]	OXON RUN, D.C.	Yes	1490	1228	262	0
GWMP0204	FOUR MILE RUN, D.C.	No	468	315	153	0
GWMP0205	BOLLING AIR FORCE BASE-CAN BUOY 9	No	0	0	0	0
GWMP0206	PO.R. BOLLING AFB NEAR C"9"	No	33	0	0	33
GWMP0207	HOLMES RUN BELOW LAKE BARCROFT NR ALEXANDRIA, VA	No	27	0	0	27
GWMP0208[1]	GEORGE WASHIGTON PARKWAY BRIDGE	Yes	6535	3807	2656	72
GWMP0209	PO.R. ARLINGTON STP EFFLUENT	No	48	0	0	48
GWMP0210[1]	ARLINGTON STP EFFLUENT	No	627	0	0	627
GWMP0211	PO.R. OFF HUNTER PT. NAT.AIRPORT	No	282	0	0	282
GWMP0212	ARLINGTON,VA. STP	No	0	0	0	0
GWMP0213	ARLINGTON,VA. STP	No	35	0	0	35

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0214	LUCKY RUN AT ARLINGTON, VA	No	30	0	30	0
GWMP0215	GEISBORO POINT, DIST.OF COLUMBIA	No	397	318	79	0
GWMP0216	FOUR MILE RUN AT GEORGE WASHINGTON PARKWAY	No	126	0	126	0
GWMP0217	FOURMILE RUN AT ALEXANDRIA, VA	No	173	0	93	80
GWMP0218[1]	E. GLEBE RD. - 120 BRIDGE	No	2306	530	1747	29
GWMP0219[1]	POTOMAC RIVER AT GEISBORO POINT	No	6167	0	6167	0
GWMP0220	FROM DAM	No	0	0	0	0
GWMP0221[1]	ARLINGTON RIDGE ROAD BRIDGE	No	477	0	0	477
GWMP0222	POTOMAC AT NAVAL RES LAB TRANS P2	No	0	0	0	0
GWMP0223	POTOMAC AT NAVAL RES LAB TRANS P3	No	0	0	0	0
GWMP0224	POTOMAC AT NAVAL RES LAB TRANS P4	No	0	0	0	0
GWMP0225	POTOMAC AT NAVAL RES LAB TRANS P5	No	0	0	0	0
GWMP0226	POTOMAC AT NAVAL RES LAB TRANS P55	No	0	0	0	0
GWMP0227	POTOMAC AT NAVAL RES LAB TRANS P6	No	0	0	0	0
GWMP0228	POTOMAC AT NAVAL RES LAB TRANS P7	No	0	0	0	0
GWMP0229	POTOMAC AT NAVAL RES LAB TRANS P8	No	0	0	0	0
GWMP0230	POTOMAC AT NAVAL RES LAB	No	0	0	0	0
GWMP0231	WALTER REED DRIVE (CITY OF ALEXANDRIA)	No	41	0	23	18
GWMP0232	POTOMAC AT HAINS POINT TRANS J1	No	0	0	0	0
GWMP0233	POTOMAC AT HAINS POINT TRANS J15	No	0	0	0	0
GWMP0234	POTOMAC AT HAINS POINT TRANS J2	No	0	0	0	0
GWMP0235	POTOMAC AT HAINS POINT TRANS J4	No	0	0	0	0
GWMP0236	POTOMAC AT HAINS POINT TRANS J6	No	0	0	0	0
GWMP0237	POTOMAC AT HAINS POINT TRANS J7	No	0	0	0	0
GWMP0238	POTOMAC AT HAINS POINT TRANS J8	No	0	0	0	0
GWMP0239	POTOMAC AT HAINS POINT TRANS J85	No	0	0	0	0
GWMP0240	POTOMAC AT HAINS POINT TRANS J9	No	0	0	0	0
GWMP0241[1]	HAINS POINT, WASH., D.C.	No	4466	3841	625	0
GWMP0242	HAINS POINT NORTH, D.C.	No	436	350	86	0
GWMP0243[1]	POTOMAC CONFLUENCE G.R. D.C.	No	3252	2770	482	0
GWMP0244	POTO.R. HAINES PT. AT RB 1 QK FL	No	0	0	0	0
GWMP0245	FOURMILE RUN DRIVE (ARLINGTON CO)	No	31	31	0	0
GWMP0246	POTO.R. HAINES PT. BTW C1&WST SH	No	0	0	0	0
GWMP0247	POTOMAC RIVER AT HAINS POINT	No	423	0	0	423
GWMP0248	POT., N. BOLLING FLD. CAN 9 MC	No	8	0	0	8
GWMP0249[1]	POTOMAC RIVER, HAINES PT. BUOY 2	No	1387	0	511	876
GWMP0250	POTOMAC RIVER AT HAINES PT. N 2	No	0	0	0	0
GWMP0251	ANACOSTIA R. OFF HAINES POINT	No	47	0	0	47
GWMP0252	WASHINGTON CHANNEL JUNCTION, D.C.	No	429	343	86	0
GWMP0253	POTOMAC R. OFF HAINES PT. D.C.	No	0	0	0	0
GWMP0254	HAINES PT-STATION 3	No	0	0	0	0
GWMP0255[1]	ROUTE 244 BRIDGE	No	1056	690	344	22
GWMP0256[1]	ANACOSTIA R. WASH.CHANL R&B BUOY	No	165	0	70	95
GWMP0257	NATION AIRPORT NORTH, D.C.	No	420	330	90	0
GWMP0258	POTO.R. ANACOSTIA CHAN RB"N"	No	0	0	0	0
GWMP0259	LONG BRANCH AT ARLINGTON, VA	No	57	0	30	27
GWMP0260	GREENLEAF POINT, D.C.	No	436	350	86	0
GWMP0261	POTOMAC RIVER AT HAINS POINT	No	415	0	415	0
GWMP0262	POTOMAC RIVER BUOY 4 HAINES PT.	No	7	0	7	0
GWMP0263[1]	BUZZARD PT. MARINA, D.C.	No	1890	1659	231	0
GWMP0264	POTOMAC RIVER AT DANGERFIELD ISLAND	No	2449	0	2449	0
GWMP0265	BUZZARD PT. POWER PLANT, D.C.	No	444	351	93	0
GWMP0266	WASHINGTON CHANNEL NORTH,WASH.DC	No	0	0	0	0
GWMP0267	ROACHES RUN, D.C.	No	425	330	95	0
GWMP0268	QUINCY STREET (ARLINGTON)	No	31	31	0	0
GWMP0269	PENTAGON STP ARLINGTON,VA.	No	0	0	0	0
GWMP0270	S. CAPITAL ST. BRIDGE SOUTH, D.C.	No	454	361	93	0
GWMP0271[1]	FORT STANTON, D.C.	No	1276	1100	176	0
GWMP0272	ANACOSTIA AT DOUGLAS BRIDGE TRANS FD1	No	0	0	0	0
GWMP0273	ANACOSTIA AT DOUGLAS BRIDGE TRANS FD2	No	0	0	0	0
GWMP0274	ANACOSTIA AT DOUGLAS BRIDGE TRANS FD4	No	0	0	0	0
GWMP0275	ANACOSTIA AT DOUGLAS BRIDGE TRANS FD6	No	0	0	0	0
GWMP0276	ANACOSTIA AT DOUGLAS BRIDGE TRANS FD9	No	0	0	0	0
GWMP0277	POTOMAC RIVER BUOY 6 HAINES PT.	No	21	0	21	0
GWMP0278[1]	TEXAS AVENUE, D.C.	No	1229	1104	125	0
GWMP0279	ANACOSTIA R. S.CAPITOL ST.BR.	No	60	0	0	60
GWMP0280[1]	ANACOSTIA R. S.CAPITOL ST.BR.	No	141	0	58	83
GWMP0281	ANACOSTIA R. AT S. CAPITAL BRDG.	No	60	0	0	60
GWMP0282	PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER	No	0	0	0	0
GWMP0283	GRAVELLY PT. & NORTH COURSE MARKER, D.C.	No	411	330	81	0
GWMP0284	POTOMAC RIVER, WASHINGTON CH AT FT MC NAIR	No	166	0	166	0

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0285	NAVY YARD WEST,WASH.D.C.	No	353	346	7	0
GWMP0286	PO.R. OFF HAINES PT. NEAR N"2"	No	295	0	0	295
GWMP0287	PO.R. OFF HAINES PT. NEAR N"2"	No	7	0	0	7
GWMP0288	POTOMAC R AT EAST POTOMAC PARK	No	0	0	0	0
GWMP0289	EAST POTOMAC RIVER @ WASHINGTON,DC	No	64	0	64	0
GWMP0290	POTOMAC RIVER AT 14TH STREET BR WASH DC	No	1021	0	1021	0
GWMP0291[1]	WASHINGTON CHANNEL D.C.	No	3585	2990	595	0
GWMP0292[1]	POTOMAC RIVER AT 14TH ST. BRIDGE	No	1332	0	505	827
GWMP0293	POTOMAC RIVER AT 14TH ST. BRIDGE	No	0	0	0	0
GWMP0294	ANACOSTIA PARK POOL, D.C.	No	449	365	84	0
GWMP0295[1]	14TH STREET BRIDGE	No	710	0	333	377
GWMP0296	PO.R. 14TH ST.BR. WASH.,D.C.	No	13	0	0	13
GWMP0297[1]	HIGHWAY BRIDGE MILE 94.50 D.C.	No	4595	4076	519	0
GWMP0298	WILSON BLVD (ARLINGTON COUNTY)	No	69	0	52	17
GWMP0299	11TH STREET BRIDGE, D.C.	No	449	355	94	0
GWMP0300[1]	SO. CAPITOL STREET BRIDGE D.C.	No	5413	4799	614	0
GWMP0301	MEMORIAL BRIDGE-STATION 2B	No	0	0	0	0
GWMP0302	POTOMAC RIVER PARK @ N. OF WILSON BRIDGE	No	64	64	0	0
GWMP0303	TUT'S APARTMENT USED FOR TESTING	No	0	0	0	0
GWMP0304	TUT'S APARTMENT USED FOR TESTING	No	0	0	0	0
GWMP0305	TUT'S APARTMENT USED FOR TESTING	No	0	0	0	0
GWMP0306	PENNSYLVANIA AVE. SOUTH, D.C.	No	463	379	84	0
GWMP0307	POTOMAC R. 14TH ST.BR. WASH,D.C.	No	0	0	0	0
GWMP0308	PO.R. 14TH ST.BR. WASH.,D.C.	No	168	0	0	168
GWMP0309	ANACOSTIA RIVER AT SOUSA BRIDGE	No	73	0	0	73
GWMP0310	ANACOSTIA R. PA.AVE.-SOUSA BR.	No	69	0	0	69
GWMP0311	14TH ST BRIDGE-STATION 2	No	0	0	0	0
GWMP0312	CONRAIL RAILROAD BRIDGE, D.C.	No	454	361	93	0
GWMP0313[1]	PENNSYLVANIA AVE. BRIDGE D.C.	No	3690	3250	440	0
GWMP0314	ANACOSTIA AT PENN AVE TRANS PA2	No	0	0	0	0
GWMP0315	ANACOSTIA RIVER AT PENNSYLVANIA AVE TRANS PA4	No	0	0	0	0
GWMP0316	ANACOSTIA RIVER AT PENNSYLVANIA AVE TRANS PA6	No	0	0	0	0
GWMP0317	POTOMAC AT 14TH STREET BRIDGE TRANS H2	No	0	0	0	0
GWMP0318	POTOMAC AT 14TH STREET BRIDGE TRANS H4	No	0	0	0	0
GWMP0319	POTOMAC AT 14TH STREET BRIDGE TRANS H6	No	0	0	0	0
GWMP0320	POTOMAC AT 14TH STREET BRIDGE TRANS H8	No	0	0	0	0
GWMP0321	POTOMAC R. 14TH ST.BR. BUOY N 10	No	0	0	0	0
GWMP0322[1]	POPE'S BRANCH, D.C.	No	1337	1087	250	0
GWMP0323	POTOMAC AT NAVAL RES LAB TRANS P1	No	0	0	0	0
GWMP0324	POTO.R. SHALLOWS BTW N10&TDL BSN	No	0	0	0	0
GWMP0325	WASHINGTON CHANNEL,WASH.D.C.	No	0	0	0	0
GWMP0326	SOUTH OF CABLE CROSSING, D.C.	No	410	330	80	0
GWMP0327[1]	FORT DUPONT, D.C.	No	1012	801	211	0
GWMP0328	PO.R. OFF EAST POTOMAC PARK,DC	No	67	0	0	67
GWMP0329	POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE	No	0	0	0	0
GWMP0330[1]	POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE	No	1282	1221	61	0
GWMP0331[1]	POTOMAC RIVER AT MEMORIAL BRIDGE	No	1562	0	989	573
GWMP0332[1]	POTOMAC RIVER AT WASHINGTON	No	6897	0	0	6897
GWMP0333	MEMORIAL BRIDGE WASHINGTON DC	No	63	0	0	63
GWMP0334	MEMORIAL BRIDGE, WASH., D.C.	No	502	330	172	0
GWMP0335[1]	POTOMAC RIVER AT MEMORIAL BRIDGE	No	4805	0	4805	0
GWMP0336	ROSEVELT BRIDGE WASH., D.C.	No	0	0	0	0
GWMP0337	POTOMAC AT MEMORIAL BRIDGE TRANS G15	No	0	0	0	0
GWMP0338	POTOMAC AT MEMORIAL BRIDGE TRANS G1	No	0	0	0	0
GWMP0339	POTOMAC AT MEMORIAL BRIDGE TRANS G2	No	0	0	0	0
GWMP0340	POTOMAC AT MEMORIAL BRIDGE TRANS G3	No	0	0	0	0
GWMP0341	POTOMAC AT MEMORIAL BRIDGE TRANS G4	No	0	0	0	0
GWMP0342	POTOMAC AT MEMORIAL BRIDGE TRANS G5	No	0	0	0	0
GWMP0343	POTOMAC AT MEMORIAL BRIDGE TRANS G6	No	0	0	0	0
GWMP0344	POTOMAC AT MEMORIAL BRIDGE TRANS G8	No	0	0	0	0
GWMP0345	POTOMAC AT MEMORIAL BRIDGE TRANS G9	No	0	0	0	0
GWMP0346	PO.R. ROOSEVELT MEM.BR. WASH,DC	No	61	0	0	61
GWMP0347	PO.R. ROOSEVELT MEMORIAL BR. DC	No	40	0	0	40
GWMP0348[1]	C&O CANAL GEORGETOWN, D.C.	No	1143	863	280	0
GWMP0349	KNNEDY CENTER,WASH.D.C.	No	0	0	0	0
GWMP0350	WASHINGTON AQUEDUCT	No	7	0	7	0
GWMP0351[1]	RGN 3	No	1297	0	0	1297
GWMP0352	SOUTH BANK OF ROCK CREEK D.C.	No	382	375	7	0
GWMP0353	ROCK CREEK AT VIRGINIA AVENUE	No	0	0	0	0
GWMP0354	ROCK CREEK NORTH D.C.	No	397	323	74	0
GWMP0355	ROCK CREEK PARK	No	293	0	0	293

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0356	ROOSEVELT ISLAND, WASH., D.C.	No	277	203	74	0
GWMP0357[1]	POTOMAC RIVER AT KEY BRIDGE	Yes	1230	0	539	691
GWMP0358	POTOMAC RIVER AT KEY BRIDGE	Yes	0	0	0	0
GWMP0359[1]	EAST SIDE OF KEY BRIDGE D.C.	No	4979	4420	559	0
GWMP0360	POTOMAC R. OFF KEY BR. WASH,D.C.	Yes	0	0	0	0
GWMP0361	PO.R. AT KEY BRIDGE WASH.,D.C.	Yes	160	0	0	160
GWMP0362	FAIRFAX-WESTGATE,VA. STP	Yes	22	0	0	22
GWMP0363	KEY BRIDGE-STATION 1	No	0	0	0	0
GWMP0364	POTOMAC AT ROOSEVELT ISLAND TRANS D1	No	0	0	0	0
GWMP0365	POTOMAC AT ROOSEVELT ISLAND TRANS D2	No	0	0	0	0
GWMP0366	POTOMAC AT ROOSEVELT ISLAND TRANS D6	No	0	0	0	0
GWMP0367	POTOMAC AT ROOSEVELT ISLAND TRANS D8	No	0	0	0	0
GWMP0368	PO.R. AT KEY BR. WASHINGTON,D.C.	Yes	15	0	0	15
GWMP0369	KEY BRIDGE WASHINGTON DC	Yes	64	0	0	64
GWMP0370	GEORGETOWN UNIV. IN LINE WITH BOTH SPIRES, D.C.	Yes	410	330	80	0
GWMP0371	ROCK CREEK PARK	No	7	0	0	7
GWMP0372	THREE SISTERS ISLAND, WASH.,D.C.	Yes	397	317	80	0
GWMP0373	THREE SISTERS ISLAND WASH DC	Yes	77	0	0	77
GWMP0374	POTOMAC AT THREE SISTERS ISLAND	Yes	21	0	21	0
GWMP0375	SPOUT RUN,WASH.,D.C.	Yes	410	330	80	0
GWMP0376	ROCK CREEK AT M STREET BRIDGE	No	54	0	0	54
GWMP0377	M STREET BRIDGE-	No	0	0	0	0
GWMP0378	PO.R.-ROCK CREEK AT M ST.BR. DC	No	37	0	0	37
GWMP0379	LITTLE PIMMIT RUN TRIBUTARY AT ARLINGTON, VA	No	57	0	30	27
GWMP0380	WINDY RUN WATERFALL , WASH.,D.C.	Yes	441	344	97	0
GWMP0381	POTOMAC ABOVE WINDY RUN	Yes	67	0	0	67
GWMP0382[1]	POTOMAC ABOVE WINDY RUN	Yes	467	0	384	83
GWMP0383	ROCK CREEK AT P STREET WASH.,D.C.	No	0	0	0	0
GWMP0384	FLETCHERS BOAT HOUSE SOUTH WASH.D.C.	Yes	382	307	75	0
GWMP0385	MILITARY ROAD (ARLINGTON CO)	No	22	0	22	0
GWMP0386	PIMMIT RUN NEAR FALLS CHURCH, VA	No	57	0	30	27
GWMP0387	NEAR BEECHWOOD HILLS	No	63	0	0	63
GWMP0388	FLETCHER'S BOATHOUSE SOUTH	Yes	0	0	0	0
GWMP0389	ROCK CREEK PARK	No	13	0	0	13
GWMP0390	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A1	Yes	0	0	0	0
GWMP0391	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A2	Yes	0	0	0	0
GWMP0392	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A8	Yes	0	0	0	0
GWMP0393	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A9	Yes	0	0	0	0
GWMP0394	CABIN JOHN BRIDGE	No	0	0	0	0
GWMP0395	CABIN JOHN BRIDGE	No	0	0	0	0
GWMP0396	OPP DC TRIBUTARY	Yes	51	0	0	51
GWMP0397[1]	PO.R. OPPOSITE D.C. TRIBUTARY	Yes	320	0	237	83
GWMP0398[1]	FLETCHERS BOAT HOUSE WASH.D.C.	Yes	2636	2314	322	0
GWMP0399[1]	BATTERY KIMBLE, D.C.	No	1477	1219	258	0
GWMP0400	ROCK CREEK PARK	No	13	0	0	13
GWMP0401	ROCK CREEK AT CONN. AVENUE	No	0	0	0	0
GWMP0402	ROCK CREEK AT WEST BEACH DRIVE	No	0	0	0	0
GWMP0403	ROCK CREEK PARK	No	294	0	0	294
GWMP0404	LITTLE PIMMIT RUN AT ARLINGTON, VA	No	57	0	30	27
GWMP0405	ROUTE 689 (FAIRFAX CO)	No	28	28	0	0
GWMP0406	BELOW GULF BRANCH OPP ARIZONA AV	No	51	0	0	51
GWMP0407[1]	FOUNDRY BRANCH PARK, D.C.	No	1406	1197	209	0
GWMP0408[1]	C&O CANAL FLETCHER'S BOATHOUSE, D.C.	No	1277	998	279	0
GWMP0409	NATIONAL ZOO OFF BRIDGE WASH.,D.C..	No	0	0	0	0
GWMP0410[1]	ROCK CREEK AT CONN. AVENUE	No	1456	1217	239	0
GWMP0411[1]	DALECARLIA, WASH, D.C.	No	1487	1230	257	0
GWMP0412	PO.R. CHAIN BRIDGE WASH.,D.C.	Yes	54	0	0	54
GWMP0413	CHAIN BRIDGE WASH DC	Yes	54	0	0	54
GWMP0414[1]	POTOMAC AT CHAIN BRIDGE, D.C.	Yes	575	0	458	117
GWMP0415	PIMMIT RUN AT VA RT 120	Yes	54	0	0	54
GWMP0416	POTOMAC RIVER AT CHAIN BRIDGE	No	4	0	0	4
GWMP0417[1]	POTOMAC R AT CHAIN BRIDGE, AT WASH, DC	No	33111	4471	24641	3999
GWMP0418[1]	ROUTE 309	No	684	684	0	0
GWMP0419	ROCK CREEK PARK	No	11	0	0	11
GWMP0420	ROCK CREEK/KLINGLE ROAD, D.C.	No	375	297	78	0
GWMP0421	ROCK CREEK PARK	No	11	0	0	11
GWMP0422[1]	RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GLEBE RD.	No	5787	3545	1859	383
GWMP0423	PIMMIT RUN AT ARLINGTON, VA	No	30	0	30	0
GWMP0424	ROCK CREEK PARK	No	8	0	0	8
GWMP0425	ROCK CREEK AT PIERCE MILL WASH.,D.C..	No	0	0	0	0
GWMP0426	ROCK CREEK PARK	No	116	0	0	116

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0427	ROCK CREEK PARK	No	291	0	0	291
GWMP0428	ROCK CREEK PARK	No	0	0	0	0
GWMP0429[1]	LITTLE FALLS BRANCH AT MASS. AV.	No	1318	17	913	388
GWMP0430	ROCK CREEK PARK	No	10	0	0	10
GWMP0431	KEY BRIDGE-STATION 1	No	0	0	0	0
GWMP0432	CHAIN BRIDGE	No	0	0	0	0
GWMP0433	ROCK CREEK PARK	No	9	0	0	9
GWMP0434[1]	POTOMAC R.GAGING ST.ABOVE LITTLE FALLS DAM	Yes	3323	2186	1137	0
GWMP0435[1]	AT GAGING STA. JUST ABOVE LITTLE FALLS DAM USGS	Yes	893	0	770	123
GWMP0436	LITTLE FALLS DAM	Yes	40	0	0	40
GWMP0437[1]	POTOMAC R. AT LITTLE FALLS DAM	Yes	199	0	85	114
GWMP0438	POTOMAC R NR WASH, DC L FALLS PUMP STA	No	252	59	144	49
GWMP0439		No	0	0	0	0
GWMP0440	POTOMAC R DUMMY STATION	No	11	11	0	0
GWMP0441[1]	RT. 193 BRIDGE	No	361	0	335	26
GWMP0442	ROUTE 702 (FAIRFAX CO)	No	20	0	20	0
GWMP0443	WOLFTRAP CREEK NEAR VIENNA, VA	No	30	0	30	0
GWMP0444	DEAD RUN NEAR MCLEAN, VA	No	27	0	0	27
GWMP0445	L FALLS B NR BETHESDA, MD	No	70	0	62	8
GWMP0446	ROUTE 644	No	23	0	23	0
GWMP0447	SCOTT RUN NEAR MCLEAN, VA	No	57	0	30	27
GWMP0448	COLVIN RUN AT U.S. ROUTE 7	No	0	0	0	0
GWMP0449	COLVIN RUN AT U.S. ROUTE 7	No	0	0	0	0
GWMP0450[1]	WILLET BR BELOW RIVER ROAD	No	1897	0	828	1069
GWMP0451	GLEN COVE BCH & LTL FALLS BCH NILLARD AVE. 38H9	No	230	14	216	0
GWMP0452	COLVIN RUN AT RESTON, VA	No	30	0	30	0
GWMP0453	LITTLE FALLS BRANCH AT WISCONSIN AVE. 38J9	No	230	15	215	0
GWMP0454	CABIN JOHN BRIDGE MD RT 495	No	54	0	0	54
GWMP0455[1]	POTOMAC AT CABIN JOHN BR., I-495	No	376	0	271	105
GWMP0456	POTOMAC R. CABIN JOHN BR.,MD.	Yes	13	0	0	13
GWMP0457	ROCK CR RUN AT C&D CANAL	No	54	0	0	54
GWMP0458	CABIN JOHN CR AT MACARTHUR BLVD	No	54	0	0	54
GWMP0459	ROCKY RUN ABOVE GEORGETOWN PIKE	Yes	0	0	0	0
GWMP0460	ROCKY RUN ABOVE GEORGETOWN PIKE	Yes	0	0	0	0
GWMP0461[1]	CABIN JOHN CR AT MACARTHUR BLVD	No	1982	17	914	1051
GWMP0462[1]	AT BRIDGE ON MACARTHUR BLVD.	No	1086	0	932	154
GWMP0463[1]	CABIN JOHN AT BRIDGE ON MACARTHUR BLVD	No	2016	2016	0	0
GWMP0464[1]	WILLET BRANCH AT B AND O RR	No	1871	0	804	1067
GWMP0465[1]	ROCK RUN AT MACARTHUR BLVD	No	1983	17	921	1045
GWMP0466	DIFFICULT RUN NEAR GREAT FALLS, VA	Yes	167	0	37	130
GWMP0467[1]	ROUTE 193 BRIDGE	Yes	6009	3512	2097	400
GWMP0468	DIFFICULT RUN VA RT 193 BRIDGE	No	54	0	0	54
GWMP0469	DIFFICULT RUN VA RT 193 BRIDGE	No	0	0	0	0
GWMP0470[1]	RT. 7 BRIDGE	No	710	0	348	362
GWMP0471	PINEY RUN AT RESTON, VA	No	30	0	30	0
GWMP0472[1]	CABIN JOHN CR ABOVE BOOZE CR	No	1886	0	877	1009
GWMP0473[1]	BOOZE CREEK AT CABIN JOHN PKY.	No	1888	0	882	1006
GWMP0474	ROCK CR AT MD-DC LINE BEECH DR	No	0	0	0	0
GWMP0475	MO Ff 18	No	38	0	38	0
GWMP0476	GREAT FALLS LOCK 19	Yes	54	0	0	54
GWMP0477[1]	POTOMAC AT GREAT FALLS LOCK #19	Yes	388	0	271	117
GWMP0478	PO.R. AT GREAT FALLS,MD.	No	87	0	0	87
GWMP0479[1]	POTOMAC RIVER AT LITTLE FALLS	Yes	763	105	375	283
GWMP0480	POTOMAC R. AT GREAT FALLS, MD.	No	1202	0	126	1076
GWMP0481	POTOMAC R. AT GREAT FALLS PARK	No	17	0	0	17
GWMP0482	POTOMAC R AT GREAT FALLS, MD	Yes	204	0	135	69
GWMP0483	FOOT BRIDGE AT GREAT FALLS	Yes	0	0	0	0
GWMP0484	NO NAME	No	54	54	0	0
GWMP0485[1]	POTOMAC RIVER AT GREAT FALLS	Yes	16623	0	0	16623
GWMP0486	NO NAME	No	54	54	0	0
GWMP0487[1]	CABIN JOHN CREEK AT BRADLEY BLVD	No	1936	0	883	1053
GWMP0488[1]	POT RIV ABOVE DAM AT GREAT FALLS	Yes	55	0	55	0
GWMP0489	LOWER END GLADYS ISLAND,ROCKVILLE PUMPING STA.,	Yes	0	0	0	0
GWMP0490	NICHOLS RUN NEAR DRANESVILLE, VA	No	54	0	30	24
GWMP0491[1]	PINEY BRANCH AT GLEN ROAD	No	1817	0	916	901
GWMP0492	WATTS RUN AT MD RT 190	No	54	0	0	54
GWMP0493[1]	WATTS BRANCH AT RIVER ROAD	No	1687	17	959	711
GWMP0494[1]	SANDY BRANCH AT RIVER ROAD	No	2031	17	965	1049
GWMP0495	TRIB TO SANDY BR-STONY CR RD	No	312	0	0	312
GWMP0496[1]	KILGOUR BRANCH AT GLEN ROAD	No	1094	0	887	207
GWMP0497[1]	WATTS BRANCH AT GLEN ROAD	No	1822	0	887	935

Station Period of Record Tabulation
From 04/03/45 To 11/07/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75
GWMP0498	GLEN ROAD	No	66	0	0	66
GWMP0499[1]	MUDDY BRANCH AT RIVER ROAD	No	2018	17	951	1050

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

Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)	104	0	94	10	1	0
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	2280	697	724	859	32	5
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	17123	7961	7591	1571	166	32
00004	STREAM WIDTH (FEET)	1	0	1	0	1	0
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	633	0	313	320	18	4
00006	DISTANCE FROM LOCATION IN X MILES	27	0	27	0	13	4
00007	DISTANCE FROM LOCATION IN Y MILES	1	0	0	1	1	1
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	340	0	207	133	15	4
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	7139	0	7139	0	21	1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	21544	7829	9197	4518	266	36
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	3243	785	960	1498	38	1
00023	SAMPLE WEIGHT IN POUNDS	62	8	31	23	3	2
00024	SAMPLE LENGTH IN INCHES	62	8	31	23	3	2
00025	BAROMETRIC PRESSURE (MM OF HG)	121	111	10	0	2	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	2047	130	1901	16	32	1
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	3045	132	2897	16	33	1
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	212	0	212	0	1	0
00032	CLOUD COVER (PERCENT)	3613	851	1560	1202	75	8
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	787	0	787	0	7	0
00035	WIND VELOCITY (MILES PER HOUR)	539	538	1	0	4	1
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	474	474	0	0	3	1
00041	WEATHER (WMO CODE 4501)	5931	3997	1607	327	93	13
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	1	0	1	0	1	0
00049	SURFACE AREA IN SQUARE MILES	4	0	0	4	1	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	1	0	1	0	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	1014	6	110	898	24	5
00061	FLOW, STREAM, INSTANTANEOUS CFS	1054	151	874	29	33	2
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	1	1	0	0	1	1
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	494	494	0	0	3	1
00064	DEPTH OF STREAM, MEAN (FT)	4	4	0	0	2	0
00065	STAGE, STREAM (FEET)	307	101	198	8	12	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	3395	2612	765	18	55	10
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	395	395	0	0	1	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2246	422	309	1515	49	14
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	1123	72	334	717	20	2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1645	600	1024	21	47	11
00077	TRANSPARENCY, SECCHI DISC (INCHES)	2888	0	2484	404	47	5
00078	TRANSPARENCY, SECCHI DISC (METERS)	2004	1437	567	0	60	12
00080	COLOR (PLATINUM-COBALT UNITS)	1331	147	23	1161	36	7
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	180	0	0	180	2	1
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	386	385	0	1	2	1
00091	FLOW, MINIMUM OF FLOW RANGE CFS	1	0	1	0	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	8446	7316	1130	0	91	14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	6600	531	5940	129	66	10
00096	SALINITY AT 25 DEGREES C (MG/ML)	348	92	6	250	18	2
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	491	490	1	0	4	1
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	72	0	72	0	7	0
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	742	0	742	0	7	0
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	548	0	548	0	7	0
00201	LIGHT,INCIDENT,400-700NM,DAILY TOTAL UEINSTEINS/M2	212	0	212	0	1	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	7393	6388	1005	0	78	13
00300	OXYGEN, DISSOLVED MG/L	13007	1296	7978	3733	148	24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	1346	109	871	366	23	2
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	1474	0	1474	0	12	0
00310	BOD, 5 DAY, 20 DEG C MG/L	6289	2475	1864	1950	121	25
00311	BOD, DISSOLVED, 5 DAY MG/L	30	0	0	30	9	0
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	1364	0	1364	0	14	0
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	1336	0	1336	0	14	0
00321	BOD, ULTIMATE SECOND STAGE MG/L	1181	0	1181	0	12	0
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	209	0	209	0	8	0
00335	COD, .025N K2CR2O7 MG/L	808	0	0	808	2	1
00340	COD, .25N K2CR2O7 MG/L	1294	703	439	152	34	6
00349	BOD, 30 DAY, 20 DEG C MG/L	44	0	44	0	2	0
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	457	0	0	457	2	1
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	447	0	0	447	2	1
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	10	0	10	0	10	2
00400	PH (STANDARD UNITS)	18419	7530	7996	2893	188	29
00403	PH, LAB, STANDARD UNITS SU	2718	870	1147	701	61	6
00405	CARBON DIOXIDE (MG/L AS CO2)	349	0	139	210	12	1
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	4	4	0	0	2	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4789	2889	632	1268	97	11

Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	0	0	1	1	0
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	1	1	0	0	1	0
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	31	0	0	31	2	1
00440	BICARBONATE ION (MG/L AS HCO3)	131	17	66	48	26	1
00445	CARBONATE ION (MG/L AS CO3)	49	5	14	30	17	1
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	1	1	0	0	1	0
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	6	6	0	0	1	0
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	9	9	0	0	1	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	38	38	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	1081	661	384	36	20	4
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	1	0	1	0	1	0
00500	RESIDUE, TOTAL (MG/L)	1536	469	947	120	46	7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	580	467	102	11	25	4
00510	RESIDUE, TOTAL FIXED (MG/L)	583	470	102	11	25	4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	1018	73	59	886	6	2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	3698	2329	1036	333	82	10
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	1338	708	558	72	31	4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	1341	711	558	72	31	4
00545	RESIDUE, SETTLEABLE (ML/L)	1	0	1	0	1	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	0	0	1	1	0
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	17	3	14	0	5	0
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	26	2	24	0	2	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	19	0	15	4	1	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	20	0	15	5	1	0
00600	NITROGEN, TOTAL (MG/L AS N)	706	494	202	10	12	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	1485	4	1481	0	19	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	503	71	429	3	17	2
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	217	217	0	0	1	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	1358	223	1135	0	20	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	4002	2055	1893	54	67	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4421	742	1577	2102	125	24
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	1	0	1	0	1	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	4014	2113	1872	29	77	10
00614	NITRITE NITROGEN, TOTAL, 30 DAY, (MG/L AS N)	1	1	0	0	1	1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	2494	783	1278	433	64	7
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3890	2002	1853	35	77	10
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	2019	777	917	325	55	6
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	2508	282	2079	147	39	6
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	1682	7	1675	0	19	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	7716	2501	3708	1507	165	26
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	2	0	1	1	1	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	4047	448	1343	2256	118	23
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	1892	112	1778	2	35	2
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	4	0	3	1	3	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	87	0	0	87	2	1
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	26	0	0	26	2	1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	3004	0	1100	1904	69	11
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	949	0	155	794	20	5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	2618	505	338	1775	93	19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	5438	2330	2981	127	103	14
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3704	1349	2271	84	72	8
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	216	216	0	0	1	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	2	0	1	1	1	0
00669	PHOSPHORUS, TOTAL HYDROLYZABLE (MG/L AS P)	1	0	0	1	1	0
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	5	0	5	0	4	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	3197	2117	1076	4	100	11
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	222	222	0	0	1	0
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	1	0	1	0	1	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	4586	1680	1887	1019	127	25
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1574	919	535	120	58	7
00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	4	0	4	0	4	0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	71	0	70	1	1	0
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	2	0	2	0	2	0
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	2	0	1	1	1	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	32	16	16	0	1	0
00690	CARBON, TOTAL (MG/L AS C)	749	0	195	554	44	16
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	58	4	54	0	3	0
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	1	0	1	0	1	0
00740	SULFITE (MG/L AS SO3)	1	0	1	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3857	2191	442	1224	84	10
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	414	2	170	242	30	2

Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00915	CALCIUM, DISSOLVED (MG/L AS CA)	339	79	214	46	32	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	339	79	214	46	32	1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10	10	0	0	10	4
00929	SODIUM, TOTAL (MG/L AS NA)	1	1	0	0	1	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	359	79	214	66	34	2
00931	SODIUM ADSORPTION RATIO	263	2	220	41	30	1
00932	SODIUM, PERCENT	263	2	220	41	30	1
00933	SODIUM,PLUS POTASSIUM (MG/L)	42	0	39	3	8	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	359	79	215	65	35	2
00937	POTASSIUM, TOTAL MG/L AS K)	1	1	0	0	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	2138	719	351	1068	63	7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	4	4	0	0	2	0
00945	SULFATE, TOTAL (MG/L AS SO4)	1843	529	278	1036	70	8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	4	4	0	0	2	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	345	79	201	65	34	2
00951	FLUORIDE, TOTAL (MG/L AS F)	271	271	0	0	12	4
00955	SILICA, DISSOLVED (MG/L AS SI02)	2426	515	1866	45	50	6
00956	SILICA, TOTAL (MG/L AS SI02)	1272	1002	270	0	27	3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	367	251	88	28	34	3
01001	ARSENIC, SUSPENDED (UG/L AS AS)	41	0	38	3	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	207	48	131	28	36	4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	42	19	22	1	15	4
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	25	9	16	0	3	2
01005	BARIUM, DISSOLVED (UG/L AS BA)	88	38	28	22	3	1
01006	BARIUM, SUSPENDED (UG/L AS BA)	19	0	19	0	1	0
01007	BARIUM, TOTAL (UG/L AS BA)	20	0	20	0	1	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	3	0	3	0	3	1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	62	30	10	22	3	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	30	22	8	0	11	4
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	20	13	7	0	10	4
01020	BORON, DISSOLVED (UG/L AS B)	22	0	0	22	2	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	106	30	48	28	3	1
01026	CADMIUM, SUSPENDED (UG/L AS CD)	36	0	33	3	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	647	382	221	44	60	6
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	45	19	25	1	18	5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	45	19	25	1	18	5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	104	30	47	27	3	1
01031	CHROMIUM, SUSPEND (UG/L AS CR)	36	0	33	3	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	689	379	220	90	60	6
01035	COBALT, DISSOLVED (UG/L AS CO)	114	38	48	28	3	1
01036	COBALT, SUSPENDED (UG/L AS CO)	36	0	33	3	1	0
01037	COBALT, TOTAL (UG/L AS CO)	45	0	39	6	1	0
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	2	0	1	1	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	107	30	49	28	4	1
01041	COPPER, SUSPENDED (UG/L AS CU)	41	0	38	3	1	0
01042	COPPER, TOTAL (UG/L AS CU)	691	383	217	91	60	6
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	45	19	25	1	18	5
01044	IRON, SUSPENDED (UG/L AS FE)	79	0	79	0	1	0
01045	IRON, TOTAL (UG/L AS FE)	596	370	196	30	53	7
01046	IRON, DISSOLVED (UG/L AS FE)	237	53	162	22	39	3
01047	IRON, FERROUS (UG/L AS FE)	1	0	0	1	1	0
01049	LEAD, DISSOLVED (UG/L AS PB)	119	30	61	28	3	1
01050	LEAD, SUSPENDED (UG/L AS PB)	48	0	45	3	1	0
01051	LEAD, TOTAL (UG/L AS PB)	699	384	235	80	60	6
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	45	19	25	1	18	5
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	8	6	1	1	7	3
01054	MANGANESE, SUSPENDED (UG/L AS MN)	107	0	104	3	3	0
01055	MANGANESE, TOTAL (UG/L AS MN)	205	27	144	34	25	6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	189	55	129	5	10	0
01058	THALLIUM, SUSPENDED (UG/L AS TL)	1	1	0	0	1	0
01059	THALLIUM, TOTAL (UG/L AS TL)	24	22	2	0	10	4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	69	37	10	22	3	1
01065	NICKEL, DISSOLVED (UG/L AS NI)	182	38	89	55	21	5
01066	NICKEL, SUSPENDED (UG/L AS NI)	12	0	12	0	1	0
01067	NICKEL, TOTAL (UG/L AS NI)	108	42	66	0	26	4
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	40	18	22	0	14	4
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	6	6	0	0	1	1
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	22	0	0	22	2	1
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	3	3	0	0	1	1
01075	SILVER, DISSOLVED (UG/L AS AG)	90	38	30	22	3	1
01076	SILVER, SUSPENDED (UG/L AS AG)	15	0	15	0	1	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01077	SILVER, TOTAL (UG/L AS AG)	43	6	37	0	8	3
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	8	8	0	0	7	4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	70	38	10	22	3	1
01085	VANADIUM, DISSOLVED (UG/L AS V)	70	38	10	22	3	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	106	30	48	28	3	1
01091	ZINC, SUSPENDED (UG/L ZN)	35	0	32	3	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	680	370	220	90	60	6
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	44	19	24	1	18	5
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	3	3	0	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	2	0	2	0	2	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	6	6	0	0	6	3
01105	ALUMINUM, TOTAL (UG/L AS AL)	109	4	84	21	6	1
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	164	76	88	0	3	0
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	77	0	77	0	2	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	6	6	0	0	6	3
01130	LITHIUM, DISSOLVED (UG/L AS LI)	48	38	10	0	1	0
01140	SILICON, DISSOLVED (UG/L AS SI)	164	90	74	0	15	5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	93	38	48	7	2	1
01146	SELENIUM, SUSPENDED (UG/L AS SE)	35	0	32	3	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	292	243	45	4	34	6
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	21	13	7	1	11	4
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	18	6	12	0	2	2
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	8	6	1	1	7	3
01350	TURBIDITY (SEVERITY)	2027	0	825	1202	18	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	2329	336	1104	889	32	4
01501	ALPHA, TOTAL	194	0	0	194	2	1
01502	ALPHA, TOTAL, COUNTING ERROR	170	0	0	170	2	1
01503	ALPHA, DISSOLVED	194	0	0	194	2	1
01504	ALPHA, DISSOLVED, COUNTING ERROR	170	0	0	170	2	1
01505	ALPHA, SUSPENDED	194	0	0	194	2	1
01506	ALPHA, SUSPENDED, COUNTING ERROR	170	0	0	170	2	1
01507	ALPHA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	3	0	0	3	1	1
01508	ALPHA, GROSS IN SEDIMENT, COUNTING ERROR	3	0	0	3	1	1
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	2	0	2	0	1	0
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	6	0	6	0	1	0
03501	BETA, TOTAL	319	0	0	319	2	1
03502	BETA, TOTAL, COUNTING ERROR	273	0	0	273	2	1
03503	BETA, DISSOLVED	319	0	0	319	2	1
03504	BETA, DISSOLVED, COUNTING ERROR	273	0	0	273	2	1
03505	BETA, SUSPENDED	319	0	0	319	2	1
03506	BETA, SUSPENDED, COUNTING ERROR	273	0	0	273	2	1
03507	BETA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	3	0	0	3	1	1
03508	BETA, GROSS IN SEDIMENT, COUNTING ERROR	3	0	0	3	1	1
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	36	17	18	1	1	0
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	36	17	18	1	1	0
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	3	3	0	0	1	0
04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	3	3	0	0	1	0
09511	RADIUM 226, DISSOLVED, RADON METHOD	36	17	18	1	1	0
10938	INVALID PARAMETER	1	0	1	0	1	0
13501	STRONTIUM 90, TOTAL	20	0	0	20	2	1
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	2	0	0	2	2	1
22703	URANIUM, NATURAL, DISSOLVED	13	13	0	0	1	0
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	40	0	40	0	8	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	2	1	1	0	2	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	2	1	1	0	2	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	2	1	1	0	2	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	2	1	1	0	2	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	2	1	1	0	2	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	2	1	1	0	2	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	2	1	1	0	2	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	337	0	311	26	9	1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	717	0	0	717	2	1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	1574	422	557	595	97	17
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	1650	67	747	836	50	8

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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	21	0	21	0	13	4
31515	INVALID PARM	48	0	48	0	8	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	1543	30	662	851	44	4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	2023	711	947	365	90	18
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	1890	589	983	318	54	6
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	158	0	0	158	12	0
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	134	53	81	0	2	0
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	104	104	0	0	23	2
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	267	55	212	0	9	0
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	147	0	0	147	17	3
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	80	0	0	80	6	1
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	33	0	23	10	1	0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	155	0	0	155	11	0
32000	SAMPLE SIZE (LITERS)	60	0	0	60	2	1
32001	SAMPLE SIZE (GALLONS)	220	0	0	220	2	1
32002	SAMPLE SIZE (MILLILITERS)	2	0	0	2	1	1
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	222	0	0	222	2	1
32004	CARBON ALCOHOL EXTRACTABLES	222	0	0	222	2	1
32005	CARBON CHLOROFORM EXTRACTABLES	224	0	0	224	2	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	68	0	0	68	2	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	68	0	0	68	2	1
32023	ACIDS, STRONG	68	0	0	68	2	1
32024	ACIDS, WEAK	68	0	0	68	2	1
32025	BASES	68	0	0	68	2	1
32026	NEUTRALS, TOTAL	68	0	0	68	2	1
32027	ALIPHATICS FRACTION OF NEUTRALS	68	0	0	68	2	1
32028	AROMATICS FRACTION OF NEUTRALS	68	0	0	68	2	1
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	68	0	0	68	2	1
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	9	0	9	0	6	1
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11	2	9	0	8	1
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	11	2	9	0	8	1
32104	BROMOFORM,WHOLE WATER,UG/L	9	0	9	0	6	1
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	8	0	8	0	5	1
32106	CHLOROFORM,WHOLE WATER,UG/L	9	0	9	0	6	1
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	3192	0	3192	0	13	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	590	425	47	118	35	12
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	897	525	372	0	19	4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	314	314	0	0	3	1
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	3191	0	3191	0	13	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	314	314	0	0	3	1
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	3200	0	3200	0	24	1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	1306	787	519	0	42	6
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	156	109	47	0	3	3
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	435	269	166	0	23	2
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	8	0	7	1	1	0
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	8	0	7	1	1	0
32230	CHLOROPHYLL A (MG/L)	492	0	486	6	30	5
32237	PIGMENTS, PHEAD (MG/L)	3	0	0	3	2	0
32240	TANNIN AND LIGNIN (MG/L)	26	26	0	0	6	4
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10	2	8	0	7	1
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	2	0	0	2	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10	2	8	0	7	1
34200	ACENAPHTHYLENE TOTWUG/L	4	0	4	0	3	1
34204	ACENAPHTHYLENE WET WGTTISMG/KG	3	3	0	0	1	1
34205	ACENAPHTHENE TOTWUG/L	4	0	4	0	3	1
34209	ACENAPHTHENE WET WGTTISMG/KG	3	3	0	0	1	1
34210	ACROLEIN TOTWUG/L	4	0	4	0	3	1
34215	ACRYLONITRILE TOTWUG/L	4	0	4	0	3	1
34220	ANTHRACENE TOTWUG/L	4	0	4	0	3	1
34224	ANTHRACENE WET WGTTISMG/KG	3	3	0	0	1	1
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	4	0	4	0	3	1
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	3	3	0	0	1	1
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	4	0	4	0	3	1
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	3	3	0	0	1	1
34247	BENZO-A-PYRENE TOTWUG/L	4	0	4	0	3	1
34251	BENZO-A-PYRENE WET WGTTISMG/KG	3	3	0	0	1	1
34252	BERYLLIUM WET WGTTISMG/KG	3	3	0	0	1	1
34258	B-BHC-BETA WET WGTTISMG/KG	5	5	0	0	1	1
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	18	15	3	0	13	5
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	5	5	0	0	1	1
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	4	0	4	0	3	1

Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	4	0	4	0	3	1
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	4	0	4	0	3	1
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	4	0	4	0	3	1
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	4	0	4	0	3	1
34301	CHLOROBENZENE TOTWUG/L	8	0	8	0	5	1
34306	CHLORODIBROMOMETHANE TOTWUG/L	1	0	1	0	1	0
34311	CHLOROETHANE TOTWUG/L	8	0	8	0	5	1
34320	CHRYSENE TOTWUG/L	4	0	4	0	3	1
34324	CHRYSENE WET WGTTISMG/KG	3	3	0	0	1	1
34336	DIETHYL PHTHALATE TOTWUG/L	4	0	4	0	3	1
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	1
34341	DIMETHYL PHTHALATE TOTWUG/L	4	0	4	0	3	1
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	1
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	4	0	4	0	3	1
34351	ENDOSULFAN SULFATE TOTWUG/L	18	15	3	0	13	5
34356	ENDOSULFAN, BETA TOTWUG/L	18	15	3	0	13	5
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	6	6	0	0	1	1
34361	ENDOSULFAN, ALPHA TOTWUG/L	18	15	3	0	13	5
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10	6	4	0	2	1
34366	ENDRIN ALDEHYDE TOTWUG/L	18	15	3	0	13	5
34371	ETHYLBENZENE TOTWUG/L	10	2	8	0	7	1
34376	FLUORANTHENE TOTWUG/L	4	0	4	0	3	1
34380	FLUORANTHENE WET WGTTISMG/KG	3	3	0	0	1	1
34381	FLUORENE TOTWUG/L	4	0	4	0	3	1
34385	FLUORENE WET WGTTISMG/KG	3	3	0	0	1	1
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	4	0	4	0	3	1
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	2	1	1	0	2	0
34396	HEXACHLOROETHANE TOTWUG/L	4	0	4	0	3	1
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	4	0	4	0	3	1
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	3	3	0	0	1	1
34408	ISOPHORONE TOTWUG/L	4	0	4	0	3	1
34413	METHYL BROMIDE TOTWUG/L	8	0	8	0	5	1
34418	METHYL CHLORIDE TOTWUG/L	4	0	4	0	3	1
34423	METHYLENE CHLORIDE TOTWUG/L	8	0	8	0	5	1
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	4	0	4	0	3	1
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	4	0	4	0	3	1
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	3	3	0	0	1	1
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	4	0	4	0	3	1
34446	NAPHTHALENE WET WGTTISMG/KG	3	3	0	0	1	1
34447	NITROBENZENE TOTWUG/L	4	0	4	0	3	1
34452	PARACHLOROMETA CRESOL TOTWUG/L	4	0	4	0	3	1
34461	PHENANTHRENE TOTWUG/L	4	0	4	0	3	1
34465	PHENANTHRENE WET WGTTISMG/KG	3	3	0	0	1	1
34469	PYRENE TOTWUG/L	4	0	4	0	3	1
34473	PYRENE WET WGTTISMG/KG	3	3	0	0	1	1
34475	TETRACHLOROETHYLENE TOTWUG/L	10	2	8	0	7	1
34480	THALLIUM DRY WGTBOTMG/KG	20	13	7	0	10	4
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	8	0	8	0	5	1
34496	1,1-DICHLOROETHANE TOTWUG/L	8	0	8	0	5	1
34501	1,1-DICHLOROETHYLENE TOTWUG/L	8	0	8	0	5	1
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10	2	8	0	7	1
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	8	0	8	0	5	1
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	8	0	8	0	5	1
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	4	0	4	0	3	1
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	3	3	0	0	1	1
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	4	0	4	0	3	1
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	3	3	0	0	1	1
34536	1,2-DICHLOROBENZENE TOTWUG/L	4	0	4	0	3	1
34541	1,2-DICHLOROPROPANE TOTWUG/L	8	0	8	0	5	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	8	0	8	0	5	1
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	4	0	4	0	3	1
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	5	4	1	0	3	1
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	4	0	4	0	3	1
34561	1,3-DICHLOROPROPENE TOTWUG/L	8	0	8	0	5	1
34566	1,3-DICHLOROBENZENE TOTWUG/L	4	0	4	0	3	1
34571	1,4-DICHLOROBENZENE TOTWUG/L	4	0	4	0	3	1
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	8	0	8	0	5	1
34581	2-CHLORONAPHTHALENE TOTWUG/L	4	0	4	0	3	1
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	3	3	0	0	1	1
34586	2-CHLOROPHENOL TOTWUG/L	4	0	4	0	3	1
34591	2-NITROPHENOL TOTWUG/L	4	0	4	0	3	1

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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	4	0	4	0	3	1
34601	2,4-DICHLOROPHENOL TOTWUG/L	4	0	4	0	3	1
34606	2,4-DIMETHYLPHENOL TOTWUG/L	4	0	4	0	3	1
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	1	0	1	0	1	0
34611	2,4-DINITROTOLUENE TOTWUG/L	4	0	4	0	3	1
34616	2,4-DINITROPHENOL TOTWUG/L	4	0	4	0	3	1
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	4	0	4	0	3	1
34626	2,6-DINITROTOLUENE TOTWUG/L	4	0	4	0	3	1
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	4	0	4	0	3	1
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	3	3	0	0	1	1
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	4	0	4	0	3	1
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	3	3	0	0	1	1
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	4	0	4	0	3	1
34646	4-NITROPHENOL TOTWUG/L	4	0	4	0	3	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	4	0	4	0	3	1
34664	PCB - 1221 WET WGTTISMG/KG	3	3	0	0	1	1
34667	PCB - 1232 WET WGTTISMG/KG	3	3	0	0	1	1
34668	DICHLORODIFUOROMETHANE TOTWUG/L	5	0	5	0	3	1
34669	PCB - 1248 WET WGTTISMG/KG	3	3	0	0	1	1
34670	PCB - 1260 WET WGTTISMG/KG	10	6	4	0	2	1
34671	PCB - 1016 TOTWUG/L	18	15	3	0	13	5
34674	PCB - 1016 WET WGTTISMG/KG	3	3	0	0	1	1
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	4	0	4	0	3	1
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	28	9	19	0	3	2
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	26	6	19	1	3	1
34684	DIELDRIN TISMG/KG	38	3	12	23	1	1
34685	ENDRIN WET WGTTISMG/KG	62	10	32	20	5	2
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	15	10	5	0	5	2
34687	HEPTACHLOR WET WGTTISMG/KG	50	10	17	23	5	2
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	41	9	32	0	5	2
34689	PCB - 1242 WET WGTTISMG/KG	3	3	0	0	1	1
34690	PCB - 1254 WET WGTTISMG/KG	6	6	0	0	1	1
34691	TOXAPHENE WET WGTTISMG/KG	41	9	16	16	3	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	4	0	4	0	3	1
34696	NAPHTHALENE TOTWUG/L	4	0	4	0	3	1
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	2	1	1	0	2	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	90	0	0	90	2	1
38442	DICAMBA (BANVEL) WATER,DISSUG/L	7	7	0	0	7	4
38451	DICHLORPROP WATER,SUSPUG/L	7	7	0	0	7	4
38744	CHLORPYRIFOS-METHYL TISWETWGTMG/KG	2	2	0	0	1	1
38745	2,4-DB WATER, TOTUG/L	15	15	0	0	10	4
38824	ISOPROPALIN TISWETWGTMG/KG	2	1	1	0	2	0
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	11	0	11	0	1	0
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	4	0	4	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	46	15	31	0	13	5
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	34	0	34	0	1	0
39054	SIMETRYNE IN WHOLE WATER (UG/L)	29	0	29	0	1	0
39055	SIMAZINE IN WHOLE WATER (UG/L)	33	0	33	0	1	0
39056	PROMETONE IN WHOLE WATER (UG/L)	29	0	29	0	1	0
39057	PROMETRYNE IN WHOLE WATER (UG/L)	33	0	33	0	1	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	15	0	15	0	1	1
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	20	20	0	0	10	4
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	27	0	27	0	7	4
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	32	4	28	0	4	2
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	27	0	27	0	7	4
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	32	4	28	0	4	2
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	27	0	27	0	7	4
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	36	9	27	0	2	2
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	27	0	27	0	7	4
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	35	8	27	0	2	2
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	49	10	32	7	5	2
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	40	40	0	0	1	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	3	3	0	0	1	1
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	4	0	4	0	3	1
39105	PERCENT FAT HEXANE EXTRACTION	38	3	12	23	1	1
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	4	0	4	0	3	1
39113	DIBUTYL PHTHALATES IN FISH,ANIMAL WET WGT UG/KG	3	3	0	0	1	1
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	3	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10	2	8	0	7	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10	2	8	0	7	1
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	35	0	35	0	1	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	59	9	27	23	2	2
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13	5
39302	P P DDT IN TISSUE WET WGT (UG/G)	19	0	19	0	2	1
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	27	0	27	0	7	4
39309	O P DDT IN AQUATIC ORGANISMS WET WEIGHT BASIS(UG/G	15	0	15	0	1	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13	5
39312	P P DDD IN TISSUE WET WGT (UG/G)	19	0	19	0	2	1
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	27	0	27	0	7	4
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13	5
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	21	1	20	0	4	1
39325	O,P DDD IN TISSUE WET WGT (UG/G)	15	0	15	0	1	1
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	27	0	27	0	7	4
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	15	0	15	0	1	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	112	15	77	20	16	6
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	8	17	0	14	4
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	18	15	3	0	13	5
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	18	15	3	0	13	5
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	78	15	43	20	16	6
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	4	0	4	0	4	0
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	71	0	70	1	12	6
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	24	20	4	0	14	4
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0

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39360	DDD IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3	1
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	22	18	4	0	14	4
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3	1
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	22	18	4	0	14	4
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3	1
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	24	20	4	0	14	4
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	3	0	3	0	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	105	15	70	20	16	6
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	24	20	4	0	14	4
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	34	0	34	0	1	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	106	15	70	21	17	6
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	22	18	4	0	14	4
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	58	15	43	0	14	5
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	24	20	4	0	14	4
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	27	7	20	0	4	1
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	78	15	43	20	16	6
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	22	18	4	0	14	4
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	78	15	43	20	16	6
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	4	0	4	0	4	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	59	0	59	0	8	4
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	1	0	1	0	1	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	18	15	3	0	13	5
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	18	15	3	0	13	5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	18	15	3	0	13	5
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	18	15	3	0	13	5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	3	0	3	0	3	1
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	18	15	3	0	13	5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	21	6	15	0	1	1
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	76	8	67	1	12	4
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	0	4	0	4	0
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	20	20	0	0	10	4
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	2	0	2	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	7	0	7	0	2	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	2	0	2	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	2	0	2	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	2	0	2	0	2	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	45	0	45	0	8	4
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	13	0	13	0	7	4
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	31	0	31	0	10	5
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	4	0	4	0	3	1
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	53	15	38	0	11	4
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	53	15	38	0	11	4
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39755	MIREX, TOTAL (UG/L)	34	0	34	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	53	15	38	0	11	4
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	18	3	15	0	2	2
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	38	6	32	0	5	2
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
40000	INVALID PARAMETER	40	0	40	0	8	0
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	3	3	0	0	1	1
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	2	1	1	0	2	0
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10	10	0	0	8	4
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	20	0	2	18	3	2

Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	374	72	227	75	15	4
50531	INVALID PARAMETER	39	0	39	0	8	0
60050	ALGAE, TOTAL (CELLS/ML)	1005	0	830	175	14	1
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	155	0	0	155	2	1
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	155	0	0	155	2	1
60200	ALGAE, COCCOID GREEN (CELLS/ML)	157	0	0	157	2	1
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	156	0	0	156	2	1
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	157	0	0	157	2	1
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	155	0	0	155	2	1
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	142	0	0	142	2	1
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	7	0	0	7	2	1
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	7	0	0	7	2	1
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	6	0	0	6	2	1
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	7	0	0	7	2	1
60400	DIATOMS, CENTRIC (/ML)	157	0	0	157	2	1
60600	DIATOMS, PENNATE (/ML)	157	0	0	157	2	1
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	24	0	0	24	2	1
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	24	0	0	24	2	1
60820	PROTOZOA, TOTAL (/ML)	24	0	0	24	1	1
60850	ROTIFERS, TOTAL (/LITER)	38	0	0	38	1	1
60900	CRUSTACEA, TOTAL (/LITER)	38	0	0	38	1	1
60950	NEMATODES, TOTAL (/LITER)	38	0	0	38	1	1
60990	ZOOPLANKTON OTHER (/LITER)	38	0	0	38	1	1
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	7	0	0	7	2	1
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	7	0	0	7	2	1
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	7	0	0	7	2	1
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	6	0	0	6	2	1
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	39	0	39	0	8	0
70222	WAVE HEIGHT (WMO CODE 1555)	3815	3120	695	0	45	7
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	19	0	0	19	5	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	456	73	293	90	33	3
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	258	2	218	38	30	1
70302	SOLIDS, DISSOLVED-TONS PER DAY	213	0	175	38	25	1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	261	0	220	41	29	1
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	15	3	12	0	1	1
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	227	57	160	10	4	0
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	58	1	57	0	4	0
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	52	1	51	0	4	0
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	28	1	27	0	4	0
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	10	0	10	0	2	0
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	6	0	6	0	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	19	1	18	0	3	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	60	1	59	0	4	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	59	1	58	0	4	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	60	1	59	0	4	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	60	1	59	0	4	0
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	1	0	1	0	1	0
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	719	0	419	300	19	4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1051	244	504	303	27	4
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	7	0	7	0	1	0
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	71	0	71	0	4	0
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	71	0	71	0	4	0
70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	2	0	2	0	1	0
70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	2	0	2	0	1	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	7	0	7	0	1	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	7	0	7	0	1	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	2	1	1	0	2	0
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	91	0	91	0	7	0
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	301	0	301	0	9	0
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	6	0	0	6	2	1
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	6	0	0	6	2	1
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	6	0	0	6	2	1
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	5	0	0	5	2	1
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	5	0	0	5	2	1
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	5	0	0	5	2	1
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	5	0	0	5	2	1
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	2	0	0	2	2	1
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	2	0	0	2	2	1
71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	1	0	0	1	1	1
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	6	0	0	6	2	1
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	6	0	0	6	2	1

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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	6	0	0	6	2	1
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	5	0	0	5	2	1
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	5	0	0	5	2	1
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	5	0	0	5	2	1
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	5	0	0	5	2	1
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	2	0	0	2	2	1
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	2	0	0	2	2	1
71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	1	0	0	1	1	1
71100	SESTON, TOTAL - MG/L	157	0	157	0	7	0
71101	SESTON, ASH FREE WGT (MG/L)	157	0	157	0	7	0
71820	DENSITY (GM/ML AT 20 C)	1	1	0	0	1	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	442	0	239	203	16	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	1225	4	1167	54	19	1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	1	0	1	0	1	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1230	4	1164	62	40	2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1193	0	1164	29	35	2
71875	HYDROGEN SULFIDE (MG/L)	1	0	0	1	1	0
71885	IRON (UG/L AS FE)	12	4	0	8	6	1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	631	12	303	316	83	11
71887	NITROGEN, TOTAL, AS NO3 - MG/L	161	0	151	10	9	0
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	182	0	182	0	13	4
71890	MERCURY, DISSOLVED (UG/L AS HG)	76	25	46	5	1	0
71895	MERCURY, SUSPENDED (UG/L AS HG)	34	0	31	3	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	678	385	203	90	60	6
71918	ARSENIC,TOTAL IN FISH,DRY WEIGHT BASIS	21	0	21	0	2	2
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	45	19	25	1	18	5
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	31	6	25	0	3	2
71934	LEAD TOTAL IN FISH DRY WEIGHT BASIS	15	0	15	0	1	1
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	17	4	13	0	3	1
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	37	9	28	0	4	3
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	34	9	25	0	4	3
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	22	9	13	0	3	2
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	22	6	16	0	3	2
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	37	9	28	0	4	3
71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	15	0	15	0	1	1
71942	COPPER,TOTAL IN FISH-DRY WEIGHT BASIS	15	0	15	0	1	1
71943	CHROMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	15	0	15	0	1	1
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	1	0	1	0	1	0
72005	SAMPLE SOURCE CODE (BM WELL DATA)	1	0	1	0	1	0
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	1	0	1	0	1	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	4	4	0	0	2	0
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	9	9	0	0	7	4
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	9	9	0	0	1	0
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	9	9	0	0	1	0
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	9	9	0	0	1	0
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	9	9	0	0	1	0
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	8	8	0	0	1	0
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	8	8	0	0	1	0
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	9	9	0	0	1	0
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	9	9	0	0	1	0
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	2	1	1	0	2	0
77447	CHLORAL WHOLE WATER,UG/L	33	33	0	0	1	0
77825	ALACHLOR WHOLE WATER,UG/L	15	15	0	0	10	4
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	2	1	1	0	2	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	2	1	1	0	2	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	2	1	1	0	2	0
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	2	1	1	0	2	0
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	3	3	0	0	1	1
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	3	3	0	0	1	1
79178	PCB-1242 TISDRYWTMG/KG	8	0	3	5	1	1
79179	PCB-1254 TISDRYWTMG/KG	38	3	12	23	1	1
79182	PCB-1248 TISDRYWTMG/KG	15	3	12	0	1	1
79183	PCB-1260 TISDRYWTMG/KG	20	3	12	5	1	1
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	9	9	0	0	7	4
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	23	4	18	1	1	0
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	36	17	18	1	1	0
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	36	17	18	1	1	0
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	36	17	18	1	1	0
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	36	17	18	1	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	1831	95	1719	17	12	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	572	0	555	17	6	0

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Parameter Code	Name	Total Obs	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	1	0	1	0	1	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	321	4	90	227	4	0
81280	NONPURGEABLE ORGANIC CARBON MG/L	1	0	1	0	1	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	5	4	1	0	3	1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	34	8	25	1	4	2
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	27	7	20	0	4	1
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	17	6	11	0	5	2
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	2	1	1	0	2	0
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	6	6	0	0	1	1
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	10	0	10	0	1	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	2	1	1	0	2	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	16	9	7	0	4	2
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	1	0	1	0	1	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	44	9	12	23	2	2
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	6	6	0	0	1	1
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	1
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	38	3	12	23	1	1
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	16	3	13	0	2	1
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	14	4	10	0	3	1
82032	CALCIUM - TOTAL UG/L (AS CA)	8	8	0	0	8	4
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	37	0	37	0	8	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	139	139	0	0	8	4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1923	1630	293	0	34	3
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	1155	0	1155	0	12	0
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	1329	0	1329	0	14	0
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	1479	0	1479	0	12	0
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	1120	0	1120	0	11	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	11	0	11	0	1	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	10	0	10	0	1	0
82185	ATRATON (GESTAMIN) TOTAL UG/L	10	0	10	0	1	0
82187	CYPRAZINE TOTAL UG/L	10	0	10	0	1	0
82188	SIMETONE TOTAL UG/L	11	0	11	0	2	0
82398	SAMPLING METHOD (CODES)	749	1	742	6	13	1
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	21	0	21	0	7	0
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	127	0	127	0	8	0
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	127	0	127	0	8	0
83509	STREAM, WIDTH METER	4	4	0	0	2	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10	0	10	0	8	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10	0	10	0	8	0
84007	ANATOMY ALPHA CODE	36	9	26	1	6	2
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	7	0	6	1	2	1
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	30	0	30	0	6	0
85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	1	0	0	1	1	0
85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	1	0	0	1	1	0
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	105	0	0	105	1	0
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	105	0	0	105	1	0
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	35	0	0	35	1	0
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	35	0	0	35	1	0
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	35	0	0	35	1	0
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	35	0	0	35	1	0
85538	GAMMA SCAN DATE (YR,MO,DAY)	105	0	0	105	1	0
85539	DATE OF REPORT (YR,MO,DAY)	105	0	0	105	1	0
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85682	NITROFEN TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85683	PERTHANE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	2	1	1	0	2	0

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)	03/26/74-09/12/84	10	104	
GWMP0013	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	71	
GWMP0017	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/26/72-09/19/77	5	44	
GWMP0021	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/24/70-02/24/70	0	4	
GWMP0036	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-11/07/95	21	228	
GWMP0040	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/08/95-09/18/95	0	9	
GWMP0041	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/05/70-08/29/74	4	33	
GWMP0046	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-05/22/78	3	21	
GWMP0064	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	54	
GWMP0068	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	70	
GWMP0097	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-11/07/95	21	219	
GWMP0120	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	43	
GWMP0124	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	32	
GWMP0132	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	30	
GWMP0151	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-06/01/87	12	117	
GWMP0177	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	60	
GWMP0192	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/09/91-07/27/95	4	18	
GWMP0196	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	48	
GWMP0208	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-11/07/95	21	212	
GWMP0210	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	33	
GWMP0211	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	62	
GWMP0218	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-07/06/87	12	102	
GWMP0221	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	32	
GWMP0255	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/30/74-07/27/95	20	37	
GWMP0286	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	66	
GWMP0295	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/13/72-09/19/77	5	44	
GWMP0308	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	31	
GWMP0361	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	31	
GWMP0418	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/27/90-10/19/95	5	18	
GWMP0422	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/06/72-11/07/95	23	218	
GWMP0441	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/11/74-12/15/77	3	19	
GWMP0467	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/06/72-10/04/95	23	231	
GWMP0470	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/06/72-12/15/77	5	43	
GWMP0006	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-12/01/76	2	15	
GWMP0008	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/70-07/09/70	0	6	
GWMP0009	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/70-02/25/70	0	1	
GWMP0013	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	71	
GWMP0019	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/25/74-06/01/81	6	225	
GWMP0020	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	161	
GWMP0021	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/24/70-03/23/70	0	4	
GWMP0022	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/70-07/09/70	0	7	
GWMP0024	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-07/05/77	3	17	
GWMP0026	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/24/70-03/23/70	0	4	
GWMP0027	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/70-03/19/70	0	2	
GWMP0028	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/85-12/12/94	9	631	
GWMP0036	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-11/07/95	16	239	
GWMP0037	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/79-08/13/80	1	6	
GWMP0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/06/79-10/14/83	4	871	
GWMP0040	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/08/95-09/18/95	0	9	
GWMP0042	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/70-07/31/70	0	1	
GWMP0060	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/18/87-11/18/87	0	1	
GWMP0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	142	
GWMP0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	54	
GWMP0068	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	70	
GWMP0074	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/77-07/25/89	11	2	
GWMP0076	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/06/79-11/09/83	4	662	
GWMP0077	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	292	
GWMP0078	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/79-09/15/81	2	50	
GWMP0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	63	
GWMP0083	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/89-07/18/89	0	1	
GWMP0084	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/79-08/22/79	0	44	
GWMP0089	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	63	
GWMP0090	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-11/07/95	16	201	
GWMP0113	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/01/79-10/14/83	4	1654	
GWMP0114	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/74-10/01/81	7	100	
GWMP0115	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	144	
GWMP0120	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	43	
GWMP0126	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	328	
GWMP0131	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/74-07/18/89	14	2	
GWMP0133	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/89-01/23/89	0	1	
GWMP0147	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/89-01/23/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0150	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	64	
GWMP0151	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-06/01/87	7	79	
GWMP0157	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/79-05/22/80	1	44	
GWMP0159	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	126	
GWMP0160	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	62	
GWMP0161	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/80-09/28/83	3	566	
GWMP0177	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	60	
GWMP0178	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/03/81-08/13/81	0	137	
GWMP0179	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/03/81-08/13/81	0	213	
GWMP0192	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/09/91-07/27/95	4	20	
GWMP0194	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	314	
GWMP0196	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	48	
GWMP0201	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	64	
GWMP0203	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/83-09/17/90	6	80	
GWMP0204	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	65	
GWMP0208	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-11/07/95	16	200	
GWMP0211	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	62	
GWMP0215	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-09/10/90	6	64	
GWMP0218	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-07/06/87	8	82	
GWMP0219	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/06/79-09/28/83	3	421	
GWMP0231	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/05/74-01/05/76	1	2	
GWMP0241	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/24/90	6	457	
GWMP0242	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	67	
GWMP0243	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	305	
GWMP0245	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/87-07/08/87	0	1	
GWMP0248	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/13/70-05/13/70	0	1	
GWMP0249	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	124	
GWMP0252	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	66	
GWMP0255	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/09/91-07/27/95	4	19	
GWMP0256	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/74-12/02/76	2	14	
GWMP0257	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	67	
GWMP0260	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	67	
GWMP0261	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/79-05/24/79	0	19	
GWMP0263	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	208	
GWMP0264	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/79-07/26/79	0	197	
GWMP0265	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	68	
GWMP0267	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0268	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/87-07/08/87	0	1	
GWMP0270	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	70	
GWMP0271	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/83-07/09/90	6	71	
GWMP0278	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/83-07/09/90	6	66	
GWMP0280	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/74-12/02/76	2	12	
GWMP0281	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/18/70-12/15/70	0	5	
GWMP0283	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0284	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/81-08/26/81	0	12	
GWMP0285	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/02/84-09/11/90	5	56	
GWMP0286	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	66	
GWMP0289	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/84-08/29/84	0	1	
GWMP0290	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/80-09/22/81	1	58	
GWMP0291	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/11/90	6	361	
GWMP0292	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	115	
GWMP0294	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-08/14/90	6	69	
GWMP0297	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/24/90	6	494	
GWMP0298	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/05/74-06/24/80	5	3	
GWMP0299	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	69	
GWMP0300	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/24/90	6	573	
GWMP0302	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/86-12/17/86	0	1	
GWMP0306	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	72	
GWMP0308	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	31	
GWMP0309	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/18/70-12/15/70	0	6	
GWMP0312	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/11/90	6	69	
GWMP0313	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-09/24/90	6	289	
GWMP0322	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/83-08/06/90	6	73	
GWMP0326	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0327	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/83-08/06/90	6	54	
GWMP0330	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/20/83-09/18/90	6	68	
GWMP0331	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/71-09/15/81	10	128	
GWMP0333	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
GWMP0334	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	76	
GWMP0335	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/04/80-09/28/83	3	301	
GWMP0348	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-09/18/90	6	64	
GWMP0352	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/84-09/10/90	5	62	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0354	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	64	
GWMP0356	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	42	
GWMP0357	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	97	
GWMP0359	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/24/90	6	551	
GWMP0361	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	31	
GWMP0369	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
GWMP0370	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0372	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	64	
GWMP0373	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	12	
GWMP0374	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/23/76-12/02/76	0	2	
GWMP0375	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0376	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0380	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	66	
GWMP0381	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	9	
GWMP0382	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-09/15/81	7	33	
GWMP0384	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	61	
GWMP0385	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/05/78-07/05/78	0	1	
GWMP0387	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
GWMP0396	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-09/02/81	7	25	
GWMP0398	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-09/10/90	6	241	
GWMP0399	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-09/18/90	6	80	
GWMP0406	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0407	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/19/83-09/18/90	6	78	
GWMP0408	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-09/18/90	6	73	
GWMP0410	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/24/83-09/18/90	6	78	
GWMP0411	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-09/18/90	6	79	
GWMP0413	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/16/74-10/09/79	5	29	
GWMP0415	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0416	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/71-05/14/71	0	1	
GWMP0417	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/19/73-06/19/73	0	1	
GWMP0418	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/90-10/19/95	5	20	
GWMP0420	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/24/83-06/05/90	6	68	
GWMP0422	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-11/07/95	16	180	
GWMP0434	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/08/80-12/13/94	14	137	
GWMP0435	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/15/69-06/03/81	11	60	
GWMP0436	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/16/74-11/01/77	3	18	
GWMP0442	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/10/76-02/10/76	0	1	
GWMP0446	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/30/75-04/30/75	0	1	
GWMP0454	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0455	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/28/74-10/09/79	5	30	
GWMP0457	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0458	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0462	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/03/74-06/03/81	7	67	
GWMP0463	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/16/85-12/13/94	9	74	
GWMP0467	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-10/04/95	16	178	
GWMP0468	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0476	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/16/74-10/09/79	5	31	
GWMP0479	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/69-10/01/86	17	38	
GWMP0480	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/70-09/09/70	0	58	
GWMP0488	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/75-07/05/77	2	5	
GWMP0492	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
GWMP0219	No	00004	STREAM WIDTH (FEET)	10/06/79-10/06/79	0	1	
GWMP0017	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	04/26/72-09/19/77	5	44	
GWMP0036	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-05/22/78	3	41	
GWMP0041	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/05/70-08/29/74	4	33	
GWMP0046	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-05/22/78	3	21	
GWMP0097	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-03/27/78	3	39	
GWMP0124	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	32	
GWMP0132	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	31	
GWMP0151	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-03/27/78	3	38	
GWMP0208	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-03/27/78	3	38	
GWMP0210	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	33	
GWMP0218	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-03/27/78	3	20	
GWMP0221	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	32	
GWMP0255	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/30/74-12/15/77	3	20	
GWMP0295	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/13/72-09/19/77	5	44	
GWMP0422	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/06/72-12/15/77	5	44	
GWMP0441	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	10/11/74-12/15/77	3	19	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0467	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/06/72-05/22/78	5	61	
GWMP0470	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/06/72-12/15/77	5	43	
GWMP0020	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-05/03/79	0	1	
GWMP0062	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-05/03/79	0	1	
GWMP0078	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0115	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0159	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0249	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0292	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0331	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-06/11/79	0	4	
GWMP0357	Yes	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	3	
GWMP0382	Yes	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
GWMP0414	Yes	00006	DISTANCE FROM LOCATION IN X MILES	05/01/79-10/09/79	0	2	
GWMP0455	No	00006	DISTANCE FROM LOCATION IN X MILES	05/01/79-10/09/79	0	2	
GWMP0477	Yes	00006	DISTANCE FROM LOCATION IN X MILES	05/01/79-10/09/79	0	2	
GWMP0485	Yes	00007	DISTANCE FROM LOCATION IN Y MILES	09/07/71-09/07/71	0	1	
GWMP0020	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/23/80-09/15/81	1	17	
GWMP0062	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/23/80-09/15/81	1	16	
GWMP0078	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	39	
GWMP0115	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	19	
GWMP0159	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	15	
GWMP0249	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	15	
GWMP0292	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	14	
GWMP0331	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	20	
GWMP0332	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/23/64-09/29/67	3	3	
GWMP0351	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/03/69-01/11/74	5	105	
GWMP0357	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/16/81	1	25	
GWMP0382	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	10	
GWMP0397	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/30/80-09/16/81	1	15	
GWMP0417	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/05/73-08/27/75	2	11	
GWMP0485	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/07/58-09/07/71	13	16	
GWMP0001	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/03/83-08/31/83	0	4	
GWMP0016	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/10/83-10/14/83	0	6	
GWMP0038	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/29/79-11/09/83	4	1046	
GWMP0044	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/03/83-10/14/83	0	6	
GWMP0076	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/19/79-11/09/83	4	877	
GWMP0084	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	05/22/79-05/24/79	0	43	
GWMP0113	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	01/22/78-10/14/83	5	2475	
GWMP0149	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	04/26/80-08/01/80	0	4	
GWMP0157	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	05/19/79-05/24/79	0	43	
GWMP0161	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/19/79-09/28/83	4	702	
GWMP0219	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/24/79-09/28/83	4	551	
GWMP0261	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	05/22/79-05/24/79	0	19	
GWMP0262	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/03/83-08/03/83	0	1	
GWMP0264	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	03/26/79-07/26/79	0	233	
GWMP0277	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/10/83-08/31/83	0	3	
GWMP0284	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/08/81-08/26/81	0	13	
GWMP0290	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	06/17/80-09/22/81	1	76	
GWMP0335	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/09/79-09/28/83	4	407	
GWMP0417	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	12/19/77-09/24/81	3	627	
GWMP0438	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	01/24/80-01/24/80	0	1	
GWMP0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	0	4	
GWMP0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	0	4	
GWMP0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-12/01/76	2	15	
GWMP0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	0	4	
GWMP0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	0	6	
GWMP0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	0	6	
GWMP0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	0	7	
GWMP0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	0	16	
GWMP0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/72-06/20/79	7	48	
GWMP0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	6	222	
GWMP0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	152	
GWMP0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-03/23/70	0	4	
GWMP0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	0	7	
GWMP0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	0	4	
GWMP0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-07/05/77	3	16	
GWMP0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	1	48	
GWMP0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-03/23/70	0	4	
GWMP0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	0	7	
GWMP0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	9	623	
GWMP0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-01/31/67	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	0	4	
GWMP0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	21	244	
GWMP0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-10/14/83	4	839	
GWMP0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/95-09/18/95	0	9	
GWMP0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/70-08/29/74	4	32	
GWMP0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	64	
GWMP0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	8	2	
GWMP0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/08/85	10	29	
GWMP0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	68	
GWMP0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/87-11/18/87	0	1	
GWMP0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	1	49	
GWMP0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	136	
GWMP0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	0	17	
GWMP0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-03/10/67	0	8	
GWMP0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	0	18	
GWMP0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	67	
GWMP0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	65	
GWMP0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	68	
GWMP0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-06/20/79	0	6	
GWMP0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/77-07/25/89	11	2	
GWMP0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-11/09/83	4	651	
GWMP0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	280	
GWMP0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/79-09/15/81	2	26	
GWMP0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	68	
GWMP0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	63	
GWMP0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	0	1	
GWMP0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	63	
GWMP0090	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	0	1	
GWMP0091	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/74-09/16/78	3	28	
GWMP0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	21	228	
GWMP0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	69	
GWMP0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	17	1711	
GWMP0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	4	95	
GWMP0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	139	
GWMP0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	8	2	
GWMP0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-03/13/67	0	11	
GWMP0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	1	48	
GWMP0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	32	
GWMP0126	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	310	
GWMP0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	0	1	
GWMP0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	29	
GWMP0133	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/89-01/23/89	0	1	
GWMP0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	68	
GWMP0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/69-08/05/77	8	2	
GWMP0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/89-01/23/89	0	1	
GWMP0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/77-08/01/80	2	5	
GWMP0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	64	
GWMP0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	12	124	
GWMP0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-04/28/69	0	1	
GWMP0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/29/89	15	5	
GWMP0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	123	
GWMP0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	62	
GWMP0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/28/83	3	558	
GWMP0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/81-08/04/81	0	1	
GWMP0192	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/90-07/27/95	4	19	
GWMP0194	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	301	
GWMP0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/31/67	0	2	
GWMP0201	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	64	
GWMP0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	6	76	
GWMP0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	64	
GWMP0206	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	0	8	
GWMP0207	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	21	225	
GWMP0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	31	
GWMP0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0214	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	0	1	
GWMP0215	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	6	64	
GWMP0217	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-10/25/80	3	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0218	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	12	106	
GWMP0219	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-09/28/83	3	413	
GWMP0221	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	32	
GWMP0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	6	439	
GWMP0242	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	67	
GWMP0243	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	303	
GWMP0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/87-07/08/87	0	1	
GWMP0247	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	1	50	
GWMP0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-05/13/70	0	1	
GWMP0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	122	
GWMP0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	0	4	
GWMP0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	66	
GWMP0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/74-07/27/95	20	43	
GWMP0256	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	2	14	
GWMP0257	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	67	
GWMP0259	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/69-08/05/77	8	2	
GWMP0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	67	
GWMP0263	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	207	
GWMP0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/79-07/26/79	0	197	
GWMP0265	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	68	
GWMP0267	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	65	
GWMP0268	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/87-07/08/87	0	1	
GWMP0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	70	
GWMP0271	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	6	63	
GWMP0278	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	6	61	
GWMP0279	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	5	
GWMP0280	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	2	12	
GWMP0281	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	5	
GWMP0283	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	66	
GWMP0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-08/26/81	0	11	
GWMP0285	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	5	56	
GWMP0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	16	
GWMP0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	0	1	
GWMP0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/22/81	1	56	
GWMP0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	6	354	
GWMP0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	110	
GWMP0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	6	69	
GWMP0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	7	50	
GWMP0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	0	1	
GWMP0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	6	477	
GWMP0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/76-06/24/80	4	2	
GWMP0299	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	69	
GWMP0300	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	6	561	
GWMP0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	72	
GWMP0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0309	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	6	
GWMP0310	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	6	
GWMP0312	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	6	69	
GWMP0313	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	6	277	
GWMP0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	6	69	
GWMP0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	66	
GWMP0327	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	6	51	
GWMP0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
GWMP0330	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	6	68	
GWMP0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	10	84	
GWMP0332	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	5	264	
GWMP0333	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	7	
GWMP0334	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	75	
GWMP0335	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-09/28/83	3	287	
GWMP0346	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	0	15	
GWMP0347	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	0	9	
GWMP0348	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	6	58	
GWMP0352	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	5	62	
GWMP0354	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	64	
GWMP0355	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/30/71	0	32	
GWMP0356	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	42	
GWMP0357	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	91	
GWMP0359	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	6	540	
GWMP0361	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	0	15	
GWMP0368	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-02/16/67	0	3	
GWMP0369	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	8	
GWMP0370	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	66	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0371	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/20/71	0	1	
GWMP0372	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	64	
GWMP0373	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	12	
GWMP0374	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/76-12/02/76	0	2	
GWMP0375	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	66	
GWMP0376	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0378	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	0	9	
GWMP0379	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	8	2	
GWMP0380	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	66	
GWMP0381	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	9	
GWMP0382	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	7	31	
GWMP0384	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	61	
GWMP0385	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/78-07/05/78	0	1	
GWMP0386	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/69-08/04/77	8	2	
GWMP0387	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	8	
GWMP0389	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
GWMP0396	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	7	21	
GWMP0398	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	228	
GWMP0399	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	6	78	
GWMP0400	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
GWMP0403	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/31/71	0	34	
GWMP0404	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	8	2	
GWMP0405	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-07/16/86	0	1	
GWMP0406	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0407	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	6	72	
GWMP0408	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	6	64	
GWMP0410	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	6	74	
GWMP0411	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	6	78	
GWMP0412	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-03/13/67	0	10	
GWMP0413	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-10/09/79	5	26	
GWMP0415	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0416	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/71-05/14/71	0	1	
GWMP0417	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	21	913	
GWMP0418	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/90-10/19/95	5	15	
GWMP0419	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0420	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	6	68	
GWMP0421	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0422	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	23	221	
GWMP0423	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	0	1	
GWMP0424	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0426	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/71-07/02/71	0	25	
GWMP0427	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/28/71	0	32	
GWMP0429	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	13	82	
GWMP0430	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0433	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0434	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	14	133	
GWMP0435	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/69-06/03/81	11	57	
GWMP0436	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-11/01/77	3	15	
GWMP0438	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/69-07/02/86	16	9	
GWMP0440	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/88-08/31/88	0	1	
GWMP0441	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/74-06/11/79	4	25	
GWMP0443	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	0	1	
GWMP0444	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/69-05/06/69	0	1	
GWMP0445	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/74-11/18/77	3	18	
GWMP0446	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/75-04/30/75	0	1	
GWMP0447	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/69-08/05/77	8	2	
GWMP0450	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	9	149	
GWMP0451	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/83-11/07/84	1	20	
GWMP0452	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	0	1	
GWMP0453	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/83-11/07/84	1	21	
GWMP0454	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0455	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/74-10/09/79	5	26	
GWMP0456	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-01/31/67	0	1	
GWMP0457	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0458	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0461	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	153	
GWMP0462	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/74-06/03/81	6	64	
GWMP0463	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	9	72	
GWMP0464	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	9	147	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0465	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	153	
GWMP0466	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/68-08/31/77	9	4	
GWMP0467	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	23	237	
GWMP0468	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0470	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-06/11/79	6	49	
GWMP0471	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/77-08/29/77	0	1	
GWMP0472	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	9	146	
GWMP0473	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	9	147	
GWMP0475	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/19/81	0	1	
GWMP0476	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-10/09/79	5	28	
GWMP0478	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	0	14	
GWMP0480	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/70-09/09/70	0	38	
GWMP0481	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	0	1	
GWMP0482	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/73-01/24/80	7	5	
GWMP0484	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	14	785	
GWMP0486	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/86-04/09/86	0	2	
GWMP0487	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	153	
GWMP0488	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-07/05/77	2	4	
GWMP0490	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	0	1	
GWMP0491	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	132	
GWMP0492	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
GWMP0493	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	14	107	
GWMP0494	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	155	
GWMP0495	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-11/30/71	0	45	
GWMP0496	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	7	69	
GWMP0497	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	135	
GWMP0498	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-12/13/71	0	9	
GWMP0499	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	15	154	
GWMP0028	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	8	536	
GWMP0091	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/15/74-09/16/78	3	28	
GWMP0355	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/30/71	0	33	
GWMP0371	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/20/71	0	1	
GWMP0389	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
GWMP0400	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
GWMP0403	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/31/71	0	33	
GWMP0417	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	21	413	
GWMP0419	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0421	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0424	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0426	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/01/71-07/02/71	0	25	
GWMP0427	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/28/71	0	33	
GWMP0429	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	13	83	
GWMP0430	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0433	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
GWMP0434	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	8	64	
GWMP0438	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-07/02/86	3	5	
GWMP0440	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/31/88-08/31/88	0	1	
GWMP0445	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/21/74-11/18/77	3	16	
GWMP0450	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	9	150	
GWMP0451	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/10/83-11/07/84	1	19	
GWMP0453	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/10/83-11/07/84	1	21	
GWMP0461	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	154	
GWMP0463	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	8	61	
GWMP0464	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	9	148	
GWMP0465	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	153	
GWMP0472	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	9	146	
GWMP0473	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	9	147	
GWMP0487	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	153	
GWMP0491	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	133	
GWMP0493	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	14	108	
GWMP0494	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	15	156	
GWMP0495	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-11/30/71	0	45	
GWMP0496	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	7	69	
GWMP0497	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	9	136	
GWMP0498	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-12/13/71	0	9	
GWMP0499	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	15	155	
GWMP0036	Yes	00023	SAMPLE WEIGHT IN POUNDS	08/01/79-06/28/90	10	23	
GWMP0114	No	00023	SAMPLE WEIGHT IN POUNDS	10/01/81-10/01/81	0	4	
GWMP0479	Yes	00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	15	35	
GWMP0036	Yes	00024	SAMPLE LENGTH IN INCHES	08/01/79-06/28/90	10	23	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0114	No	00024	SAMPLE LENGTH IN INCHES	10/01/81-10/01/81	0	4	
GWMP0479	Yes	00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	15	35	
GWMP0417	No	00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	11	118	
GWMP0438	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/06/86-07/02/86	0	3	
GWMP0001	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/83-08/31/83	0	4	
GWMP0016	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/83-10/14/83	0	6	
GWMP0038	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/05/79-11/09/83	4	159	
GWMP0044	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/83-10/14/83	0	6	
GWMP0076	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/27/79-11/09/83	4	144	
GWMP0113	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/79-10/14/83	4	331	
GWMP0127	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/27/92-08/27/92	0	1	
GWMP0144	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/27/92-08/27/92	0	1	
GWMP0149	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/11/80-04/26/80	0	2	
GWMP0161	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/79-09/28/83	4	100	
GWMP0178	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/81-08/13/81	0	66	
GWMP0179	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/81-08/13/81	0	103	
GWMP0219	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/79-09/28/83	4	100	
GWMP0262	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/83-08/03/83	0	1	
GWMP0264	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/26/79-07/26/79	0	197	
GWMP0277	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/83-08/31/83	0	3	
GWMP0284	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/09/81-08/26/81	0	4	
GWMP0290	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/21/80-09/22/81	0	12	
GWMP0335	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/24/79-09/28/83	4	92	
GWMP0417	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/26/74-07/08/94	20	638	
GWMP0429	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0438	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/83-07/02/88	5	7	
GWMP0440	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/31/88-05/15/91	2	2	
GWMP0451	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/84-11/07/84	0	9	
GWMP0453	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/84-11/07/84	0	9	
GWMP0461	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0465	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0475	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/19/81-08/19/81	0	1	
GWMP0482	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/31/74-09/15/77	3	43	
GWMP0493	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0494	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0499	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/86-08/13/86	0	1	
GWMP0001	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/83-08/31/83	0	4	
GWMP0016	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/83-10/14/83	0	6	
GWMP0038	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/05/79-11/09/83	4	210	
GWMP0044	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/83-10/14/83	0	6	
GWMP0076	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/27/79-11/09/83	4	166	
GWMP0113	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/09/79-10/14/83	4	767	
GWMP0127	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/27/92-08/27/92	0	1	
GWMP0144	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/27/92-08/27/92	0	1	
GWMP0149	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/11/80-08/01/80	0	5	
GWMP0161	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/79-09/28/83	4	124	
GWMP0178	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/81-08/13/81	0	137	
GWMP0179	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/81-08/13/81	0	207	
GWMP0217	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/06/79-08/06/79	0	1	
GWMP0219	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/79-09/28/83	4	120	
GWMP0262	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/83-08/03/83	0	1	
GWMP0264	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/26/79-07/26/79	0	197	
GWMP0277	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/83-08/31/83	0	3	
GWMP0284	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/81-08/26/81	0	5	
GWMP0290	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/21/80-09/22/81	0	17	
GWMP0335	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/24/79-09/28/83	4	114	
GWMP0417	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/26/74-07/08/94	20	864	
GWMP0429	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0438	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/24/80-07/02/88	8	10	
GWMP0440	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/31/88-05/15/91	2	2	
GWMP0451	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/15/83-10/18/85	2	13	
GWMP0453	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/15/83-10/18/85	2	13	
GWMP0461	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0465	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0475	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/19/81-08/19/81	0	1	
GWMP0482	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/31/74-01/24/80	5	44	
GWMP0493	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0494	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0499	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/13/86-08/13/86	0	1	
GWMP0113	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	06/19/80-09/30/81	1	212	
GWMP0028	No	00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	8	536	
GWMP0077	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	47	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0081	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0089	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0126	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	47	
GWMP0150	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0160	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0194	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	44	
GWMP0201	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0203	Yes	00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	0	1	
GWMP0204	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0215	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
GWMP0241	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	42	
GWMP0242	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
GWMP0243	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	50	
GWMP0252	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
GWMP0257	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	12	
GWMP0260	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
GWMP0263	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	17	
GWMP0265	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
GWMP0267	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
GWMP0270	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
GWMP0271	No	00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	0	1	
GWMP0278	No	00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	0	1	
GWMP0283	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0285	No	00032	CLOUD COVER (PERCENT)	10/02/84-08/05/85	0	5	
GWMP0291	No	00032	CLOUD COVER (PERCENT)	10/12/83-08/05/85	1	71	
GWMP0294	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
GWMP0297	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	38	
GWMP0299	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
GWMP0300	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/19/85	1	79	
GWMP0306	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
GWMP0312	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
GWMP0313	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/19/85	1	40	
GWMP0322	No	00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	0	1	
GWMP0326	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0330	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0334	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	20	
GWMP0348	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0352	No	00032	CLOUD COVER (PERCENT)	10/01/84-05/13/85	0	3	
GWMP0354	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
GWMP0356	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
GWMP0359	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	42	
GWMP0370	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0372	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0375	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0380	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-07/09/85	1	11	
GWMP0384	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
GWMP0398	Yes	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
GWMP0399	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0407	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0408	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0410	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0411	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0420	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
GWMP0429	No	00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	13	84	
GWMP0434	Yes	00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	8	63	
GWMP0450	No	00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	9	153	
GWMP0451	No	00032	CLOUD COVER (PERCENT)	02/10/83-11/07/84	1	21	
GWMP0453	No	00032	CLOUD COVER (PERCENT)	02/10/83-11/07/84	1	22	
GWMP0461	No	00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	15	157	
GWMP0463	No	00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	8	61	
GWMP0464	No	00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	9	152	
GWMP0465	No	00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	15	157	
GWMP0472	No	00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	9	149	
GWMP0473	No	00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	9	150	
GWMP0487	No	00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	9	156	
GWMP0491	No	00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	9	137	
GWMP0493	No	00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	14	112	
GWMP0494	No	00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	15	160	
GWMP0495	No	00032	CLOUD COVER (PERCENT)	01/22/71-11/30/71	0	45	
GWMP0496	No	00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	7	71	
GWMP0497	No	00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	9	140	
GWMP0498	No	00032	CLOUD COVER (PERCENT)	07/20/71-12/13/71	0	9	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0499	No	00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	15	160	
GWMP0038	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	08/04/80-08/26/81	1	178	
GWMP0076	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	08/04/80-08/26/81	1	156	
GWMP0113	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	186	
GWMP0161	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	107	
GWMP0219	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	80	
GWMP0290	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	10/21/80-07/15/81	0	7	
GWMP0335	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	73	
GWMP0028	No	00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	8	536	
GWMP0113	No	00035	WIND VELOCITY (MILES PER HOUR)	04/12/79-04/12/79	0	1	
GWMP0434	Yes	00035	WIND VELOCITY (MILES PER HOUR)	06/02/87-06/02/87	0	1	
GWMP0463	No	00035	WIND VELOCITY (MILES PER HOUR)	06/02/87-06/02/87	0	1	
GWMP0028	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/06/86-12/12/94	8	472	
GWMP0434	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/02/87-06/02/87	0	1	
GWMP0463	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/02/87-06/02/87	0	1	
GWMP0017	No	00041	WEATHER (WMO CODE 4501)	04/26/72-06/20/79	7	49	
GWMP0028	No	00041	WEATHER (WMO CODE 4501)	01/06/86-12/12/94	8	536	
GWMP0036	Yes	00041	WEATHER (WMO CODE 4501)	09/19/74-11/07/95	21	242	
GWMP0040	No	00041	WEATHER (WMO CODE 4501)	05/08/95-09/18/95	0	9	
GWMP0041	No	00041	WEATHER (WMO CODE 4501)	03/05/70-08/29/74	4	33	
GWMP0046	No	00041	WEATHER (WMO CODE 4501)	09/19/74-07/08/85	10	29	
GWMP0060	No	00041	WEATHER (WMO CODE 4501)	11/18/87-11/18/87	0	1	
GWMP0073	No	00041	WEATHER (WMO CODE 4501)	06/21/78-06/20/79	0	6	
GWMP0074	No	00041	WEATHER (WMO CODE 4501)	09/12/77-07/25/89	11	2	
GWMP0077	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	153	
GWMP0081	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
GWMP0089	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
GWMP0097	Yes	00041	WEATHER (WMO CODE 4501)	09/19/74-11/07/95	21	228	
GWMP0124	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	31	
GWMP0126	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	172	
GWMP0132	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	30	
GWMP0133	No	00041	WEATHER (WMO CODE 4501)	01/23/89-01/23/89	0	1	
GWMP0147	No	00041	WEATHER (WMO CODE 4501)	01/23/89-01/23/89	0	1	
GWMP0150	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	33	
GWMP0151	No	00041	WEATHER (WMO CODE 4501)	09/19/74-06/01/87	12	127	
GWMP0155	No	00041	WEATHER (WMO CODE 4501)	09/19/74-08/01/88	13	4	
GWMP0160	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	33	
GWMP0192	No	00041	WEATHER (WMO CODE 4501)	09/06/90-07/27/95	4	20	
GWMP0194	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	153	
GWMP0201	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
GWMP0203	Yes	00041	WEATHER (WMO CODE 4501)	05/20/85-07/13/87	2	19	
GWMP0204	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
GWMP0208	Yes	00041	WEATHER (WMO CODE 4501)	09/19/74-11/07/95	21	226	
GWMP0210	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	32	
GWMP0215	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
GWMP0218	No	00041	WEATHER (WMO CODE 4501)	09/19/74-07/06/87	12	104	
GWMP0221	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	32	
GWMP0231	No	00041	WEATHER (WMO CODE 4501)	09/05/74-01/05/76	1	2	
GWMP0241	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	201	
GWMP0242	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
GWMP0243	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	169	
GWMP0245	No	00041	WEATHER (WMO CODE 4501)	07/08/87-07/08/87	0	1	
GWMP0252	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	34	
GWMP0255	No	00041	WEATHER (WMO CODE 4501)	09/30/74-07/27/95	20	45	
GWMP0257	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	34	
GWMP0260	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
GWMP0263	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	93	
GWMP0265	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	36	
GWMP0267	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	32	
GWMP0268	No	00041	WEATHER (WMO CODE 4501)	07/08/87-07/08/87	0	1	
GWMP0270	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	36	
GWMP0271	No	00041	WEATHER (WMO CODE 4501)	05/20/85-07/13/87	2	19	
GWMP0278	No	00041	WEATHER (WMO CODE 4501)	05/20/85-07/13/87	2	19	
GWMP0283	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
GWMP0285	No	00041	WEATHER (WMO CODE 4501)	04/16/85-09/01/87	2	26	
GWMP0291	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/01/87	3	205	
GWMP0294	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
GWMP0295	No	00041	WEATHER (WMO CODE 4501)	03/13/72-06/20/79	7	48	
GWMP0297	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	197	
GWMP0298	No	00041	WEATHER (WMO CODE 4501)	09/05/74-06/24/80	5	3	
GWMP0299	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	36	
GWMP0300	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/14/87	3	288	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0306	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
GWMP0312	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	37	
GWMP0313	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/14/87	3	141	
GWMP0322	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/13/87	2	20	
GWMP0326	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
GWMP0327	No	00041	WEATHER (WMO CODE 4501)	05/20/85-03/02/87	1	12	
GWMP0330	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	22	
GWMP0334	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	42	
GWMP0348	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	17	
GWMP0352	No	00041	WEATHER (WMO CODE 4501)	04/15/85-08/31/87	2	28	
GWMP0354	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
GWMP0356	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
GWMP0359	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	217	
GWMP0370	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
GWMP0372	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
GWMP0375	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
GWMP0380	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
GWMP0384	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	30	
GWMP0385	No	00041	WEATHER (WMO CODE 4501)	07/05/78-07/05/78	0	1	
GWMP0398	Yes	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	99	
GWMP0399	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	22	
GWMP0405	No	00041	WEATHER (WMO CODE 4501)	07/16/86-07/16/86	0	1	
GWMP0407	No	00041	WEATHER (WMO CODE 4501)	05/21/85-07/14/87	2	20	
GWMP0408	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	18	
GWMP0410	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	21	
GWMP0411	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	22	
GWMP0417	No	00041	WEATHER (WMO CODE 4501)	03/26/74-05/01/90	16	71	
GWMP0418	No	00041	WEATHER (WMO CODE 4501)	09/27/90-10/19/95	5	18	
GWMP0420	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	21	
GWMP0422	No	00041	WEATHER (WMO CODE 4501)	07/06/72-11/07/95	23	220	
GWMP0434	Yes	00041	WEATHER (WMO CODE 4501)	01/07/86-12/13/94	8	65	
GWMP0441	No	00041	WEATHER (WMO CODE 4501)	10/11/74-06/11/79	4	25	
GWMP0463	No	00041	WEATHER (WMO CODE 4501)	01/07/86-12/13/94	8	61	
GWMP0467	Yes	00041	WEATHER (WMO CODE 4501)	07/06/72-10/04/95	23	241	
GWMP0470	No	00041	WEATHER (WMO CODE 4501)	07/06/72-06/11/79	6	49	
GWMP0485	Yes	00041	WEATHER (WMO CODE 4501)	09/07/71-09/07/71	0	1	
GWMP0076	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/30/80-06/30/80	0	1	
GWMP0113	No	00049	SURFACE AREA IN SQUARE MILES	08/19/65-09/21/66	1	4	
GWMP0475	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/19/81-08/19/81	0	1	
GWMP0045	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0118	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0146	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/30/69-04/30/69	0	1	
GWMP0149	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/08/56-04/30/69	13	3	
GWMP0153	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0207	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0217	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/20/52-02/05/69	16	4	
GWMP0259	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/69-05/06/69	0	1	
GWMP0332	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/17/63-03/30/65	1	87	
GWMP0379	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0386	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/05/69-04/05/69	0	1	
GWMP0404	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	0	1	
GWMP0417	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/02/73-07/17/79	6	216	
GWMP0434	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	04/08/80-12/10/85	5	55	
GWMP0435	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	04/29/74-12/02/80	6	37	
GWMP0438	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/09/65-08/26/69	4	5	
GWMP0444	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/69-05/06/69	0	1	
GWMP0447	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/04/69-05/04/69	0	1	
GWMP0462	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/76-04/07/81	4	28	
GWMP0466	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	04/03/45-05/14/69	24	6	
GWMP0480	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/17/69-09/09/70	1	103	
GWMP0482	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	01/08/73-01/15/73	0	4	
GWMP0485	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	7	454	
GWMP0490	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/26/68-11/26/68	0	1	
GWMP0045	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0091	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/74-09/16/78	3	28	
GWMP0095	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0118	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0146	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0149	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/77-07/22/80	2	6	
GWMP0203	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/13/86-06/09/86	0	2	
GWMP0214	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0217	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/77-10/25/80	3	4	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0259	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0271	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-06/09/86	0	6	
GWMP0278	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-04/14/86	0	5	
GWMP0322	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-07/21/86	0	6	
GWMP0327	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-07/21/86	0	5	
GWMP0348	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/89-10/17/89	0	1	
GWMP0379	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0386	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0399	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-04/08/86	0	5	
GWMP0404	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	0	1	
GWMP0407	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-01/14/86	0	2	
GWMP0410	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/18/86-02/18/86	0	1	
GWMP0411	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-04/08/86	0	5	
GWMP0417	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	21	934	
GWMP0423	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0438	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/27/75-07/02/86	10	9	
GWMP0440	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/88-08/31/88	0	1	
GWMP0443	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0445	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/74-11/18/77	3	18	
GWMP0447	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0452	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/77-08/31/77	0	1	
GWMP0471	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/77-08/29/77	0	1	
GWMP0490	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	0	1	
GWMP0036	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/08/88-08/08/88	0	1	
GWMP0028	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	01/10/91-12/12/94	3	398	
GWMP0434	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	01/08/91-12/13/94	3	48	
GWMP0463	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	01/08/91-12/13/94	3	48	
GWMP0484	No	00064	DEPTH OF STREAM, MEAN (FT)	03/25/86-04/09/86	0	2	
GWMP0486	No	00064	DEPTH OF STREAM, MEAN (FT)	03/25/86-04/09/86	0	2	
GWMP0091	No	00065	STAGE, STREAM (FEET)	10/15/74-09/16/78	3	28	
GWMP0149	No	00065	STAGE, STREAM (FEET)	01/11/80-08/01/80	0	6	
GWMP0417	No	00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	11	107	
GWMP0429	No	00065	STAGE, STREAM (FEET)	06/28/78-12/09/80	2	26	
GWMP0438	No	00065	STAGE, STREAM (FEET)	04/20/83-07/02/86	3	3	
GWMP0440	No	00065	STAGE, STREAM (FEET)	08/31/88-08/31/88	0	1	
GWMP0445	No	00065	STAGE, STREAM (FEET)	10/21/74-11/18/77	3	18	
GWMP0461	No	00065	STAGE, STREAM (FEET)	08/16/78-12/02/80	2	20	
GWMP0465	No	00065	STAGE, STREAM (FEET)	08/16/78-09/18/80	2	24	
GWMP0493	No	00065	STAGE, STREAM (FEET)	07/19/78-09/18/80	2	24	
GWMP0494	No	00065	STAGE, STREAM (FEET)	07/19/78-12/02/80	2	24	
GWMP0499	No	00065	STAGE, STREAM (FEET)	07/19/78-12/02/80	2	26	
GWMP0017	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/21/72-06/20/79	7	21	
GWMP0028	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/07/85-12/12/94	9	623	
GWMP0036	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/06/75-11/07/95	20	175	
GWMP0040	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/08/95-09/18/95	0	7	
GWMP0041	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	07/07/72-07/07/72	0	1	
GWMP0073	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	07/17/78-06/20/79	0	4	
GWMP0077	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	114	
GWMP0081	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	17	
GWMP0089	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	18	
GWMP0097	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/06/75-11/07/95	20	177	
GWMP0126	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	130	
GWMP0150	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	20	
GWMP0151	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	06/23/80-06/23/80	0	1	
GWMP0160	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	20	
GWMP0194	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	123	
GWMP0201	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	20	
GWMP0204	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	20	
GWMP0208	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/06/75-11/07/95	20	166	
GWMP0215	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-09/10/90	6	20	
GWMP0218	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	06/23/80-08/12/80	0	2	
GWMP0241	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	161	
GWMP0242	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	25	
GWMP0243	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	116	
GWMP0252	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	25	
GWMP0257	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	21	
GWMP0260	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	25	
GWMP0263	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	60	
GWMP0265	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	26	
GWMP0267	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	19	
GWMP0270	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	26	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0283	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	20	
GWMP0285	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	08/05/85-06/12/90	4	17	
GWMP0291	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-06/12/90	6	145	
GWMP0294	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	24	
GWMP0295	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/21/72-06/20/79	7	20	
GWMP0297	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	161	
GWMP0299	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	25	
GWMP0300	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-08/27/90	6	209	
GWMP0306	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	24	
GWMP0312	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-06/12/90	6	25	
GWMP0313	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-08/27/90	6	96	
GWMP0326	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	20	
GWMP0334	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	24	
GWMP0352	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	09/09/85-09/10/90	5	14	
GWMP0354	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	19	
GWMP0356	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	19	
GWMP0359	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	185	
GWMP0370	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	20	
GWMP0372	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	19	
GWMP0375	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	20	
GWMP0380	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	20	
GWMP0384	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	19	
GWMP0398	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-09/10/90	6	64	
GWMP0422	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	06/23/80-05/25/94	13	2	
GWMP0467	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	06/23/80-06/23/80	0	1	
GWMP0028	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	3	395	
GWMP0006	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	2	9	
GWMP0020	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/73-06/23/76	3	45	
GWMP0024	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-07/05/77	3	11	
GWMP0025	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	0	1	
GWMP0036	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	108	
GWMP0060	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/18/87-11/18/87	0	1	
GWMP0061	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	0	1	
GWMP0062	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	41	
GWMP0074	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	105	
GWMP0115	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	41	
GWMP0122	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	0	1	
GWMP0133	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/89-01/23/89	0	1	
GWMP0147	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/89-01/23/89	0	1	
GWMP0151	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/83-02/04/86	2	3	
GWMP0155	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/88-11/29/89	1	3	
GWMP0159	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	29	
GWMP0192	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/06/90-04/09/92	1	6	
GWMP0208	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	100	
GWMP0218	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/08/82-07/06/87	4	4	
GWMP0247	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	0	1	
GWMP0249	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	29	
GWMP0251	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	0	4	
GWMP0255	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/06/90-04/09/92	1	7	
GWMP0256	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	2	13	
GWMP0279	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	
GWMP0280	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	2	11	
GWMP0281	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	
GWMP0292	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	28	
GWMP0309	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	
GWMP0310	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	
GWMP0331	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	27	
GWMP0332	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	5	248	
GWMP0357	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-06/23/76	3	26	
GWMP0374	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/76-06/23/76	0	1	
GWMP0382	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	2	11	
GWMP0397	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	2	10	
GWMP0414	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-07/12/77	3	16	
GWMP0417	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	5	253	
GWMP0418	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/27/90-04/01/92	1	7	
GWMP0422	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	9	100	
GWMP0437	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-06/22/76	2	17	
GWMP0455	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/74-07/05/77	3	18	
GWMP0467	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	9	101	
GWMP0477	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-07/05/77	3	19	
GWMP0481	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/69-08/18/69	0	1	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0482	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/08/73-01/15/73	0	4	
GWMP0485	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	13	757	
GWMP0488	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/75-07/05/77	2	5	
GWMP0028	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/07/85-12/09/85	0	51	
GWMP0332	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-01/07/69	0	15	
GWMP0417	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/20/73-02/20/73	0	1	
GWMP0429	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/73-12/13/77	4	47	
GWMP0434	Yes	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	04/08/80-12/10/85	5	63	
GWMP0450	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	6	69	
GWMP0461	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	5	74	
GWMP0463	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/16/85-12/10/85	0	10	
GWMP0464	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	6	69	
GWMP0465	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	72	
GWMP0472	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	5	73	
GWMP0473	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	5	72	
GWMP0485	Yes	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-12/14/71	3	29	
GWMP0487	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	5	73	
GWMP0491	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	74	
GWMP0493	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	75	
GWMP0494	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	75	
GWMP0496	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/28/73-10/31/77	4	35	
GWMP0497	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	72	
GWMP0499	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	5	74	
GWMP0019	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-06/01/81	6	70	
GWMP0020	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	1	19	
GWMP0028	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	8	312	
GWMP0036	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	1	22	
GWMP0040	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/08/95-09/18/95	0	8	
GWMP0062	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	1	19	
GWMP0078	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	1	20	
GWMP0097	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	1	16	
GWMP0114	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-10/02/78	4	46	
GWMP0115	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	1	20	
GWMP0159	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	18	
GWMP0192	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/94-07/27/95	1	5	
GWMP0208	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	1	16	
GWMP0249	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	18	
GWMP0255	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/94-07/27/95	0	4	
GWMP0292	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	17	
GWMP0331	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	50	
GWMP0357	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	13	
GWMP0382	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/24/80	1	14	
GWMP0397	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/80-09/10/80	0	5	
GWMP0414	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	0	12	
GWMP0417	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	15	124	
GWMP0418	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/94-10/19/95	1	5	
GWMP0422	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	1	15	
GWMP0429	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	2	36	
GWMP0434	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	8	64	
GWMP0435	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/74-06/03/81	7	49	
GWMP0438	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/83-02/09/83	0	1	
GWMP0450	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	2	36	
GWMP0455	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	0	11	
GWMP0461	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	35	
GWMP0462	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	7	66	
GWMP0463	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	8	60	
GWMP0464	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	2	35	
GWMP0465	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0467	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/94-10/04/95	1	13	
GWMP0472	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0473	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0475	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/81-08/19/81	0	1	
GWMP0477	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	0	11	
GWMP0487	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0491	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0493	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	35	
GWMP0494	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0496	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0497	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0499	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	2	36	
GWMP0001	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/31/83	0	4	
GWMP0003	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0005	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	0	4	
GWMP0006	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/01/76	2	14	
GWMP0007	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	0	3	
GWMP0008	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/12/70-07/09/70	0	5	
GWMP0009	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/12/70-07/09/70	0	5	
GWMP0016	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-10/14/83	0	5	
GWMP0020	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	7	53	
GWMP0021	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/24/70-03/23/70	0	2	
GWMP0022	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/25/70-07/09/70	0	7	
GWMP0023	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	0	4	
GWMP0024	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/01/76	2	14	
GWMP0026	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/24/70-03/23/70	0	2	
GWMP0027	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/25/70-07/09/70	0	7	
GWMP0035	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	0	4	
GWMP0038	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-11/09/83	4	385	
GWMP0044	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-10/14/83	0	5	
GWMP0062	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	7	51	
GWMP0076	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-11/09/83	4	431	
GWMP0113	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	4	739	
GWMP0115	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	7	52	
GWMP0159	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	7	50	
GWMP0161	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/28/83	3	307	
GWMP0208	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/18/75-04/18/75	0	1	
GWMP0219	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-09/28/83	3	230	
GWMP0248	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-05/13/70	0	1	
GWMP0249	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	48	
GWMP0251	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
GWMP0256	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	2	13	
GWMP0262	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/03/83	0	1	
GWMP0264	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/26/79-07/26/79	0	97	
GWMP0277	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-08/31/83	0	3	
GWMP0279	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
GWMP0280	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	2	11	
GWMP0281	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
GWMP0284	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/81-08/26/81	0	4	
GWMP0290	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/10/81	1	28	
GWMP0292	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	47	
GWMP0309	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-06/08/70	0	2	
GWMP0310	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-06/08/70	0	2	
GWMP0331	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/29/71-12/02/76	5	30	
GWMP0335	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/04/80-09/28/83	3	146	
GWMP0357	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	41	
GWMP0374	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/76-12/02/76	0	2	
GWMP0382	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	2	11	
GWMP0397	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	2	10	
GWMP0019	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/17/75-06/01/81	5	42	
GWMP0020	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	28	
GWMP0028	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	9	553	
GWMP0036	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/18/95	13	23	
GWMP0040	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/08/95-09/18/95	0	9	
GWMP0062	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	26	
GWMP0077	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	6	60	
GWMP0078	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	34	
GWMP0081	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/84-04/09/84	0	1	
GWMP0097	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	3	20	
GWMP0114	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/17/75-10/02/78	3	18	
GWMP0115	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	27	
GWMP0126	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	6	61	
GWMP0150	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/14/83-10/07/85	1	3	
GWMP0159	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	25	
GWMP0160	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	0	1	
GWMP0194	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	6	63	
GWMP0201	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	0	1	
GWMP0204	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-02/27/84	0	4	
GWMP0208	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	3	19	
GWMP0215	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	0	1	
GWMP0218	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/08/82-11/08/82	0	1	
GWMP0241	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	6	99	
GWMP0242	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	0	2	
GWMP0243	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	6	69	
GWMP0249	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	25	
GWMP0252	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	0	2	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0257	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0260	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	0	2	
GWMP0263	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	6	63	
GWMP0265	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	0	2	
GWMP0267	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0270	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	0	2	
GWMP0283	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-03/12/84	0	4	
GWMP0291	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	6	70	
GWMP0292	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	24	
GWMP0294	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/10/85	1	5	
GWMP0297	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	6	102	
GWMP0299	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-05/08/84	0	3	
GWMP0300	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	6	106	
GWMP0306	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-02/02/88	4	3	
GWMP0312	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-06/11/85	1	3	
GWMP0313	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	6	113	
GWMP0326	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0331	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	24	
GWMP0334	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	0	4	
GWMP0352	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/01/84-09/09/85	0	2	
GWMP0354	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/05/87	3	4	
GWMP0356	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0357	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	18	
GWMP0359	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	6	99	
GWMP0370	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0372	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0375	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
GWMP0380	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	0	5	
GWMP0382	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	19	
GWMP0384	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/13/83	0	3	
GWMP0398	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	6	64	
GWMP0422	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/08/82-10/01/84	1	11	
GWMP0467	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/26/82-10/01/84	1	11	
GWMP0036	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	1	24	
GWMP0045	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	8	2	
GWMP0095	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	1	24	
GWMP0113	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/21/66-02/04/81	14	7	
GWMP0118	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	8	2	
GWMP0146	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/69-08/05/77	8	2	
GWMP0149	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/08/56-08/30/77	21	4	
GWMP0153	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-04/28/69	0	1	
GWMP0192	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/91-01/07/93	1	7	
GWMP0207	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	1	23	
GWMP0214	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	0	1	
GWMP0217	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/20/52-08/31/77	24	5	
GWMP0255	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/91-01/07/93	1	8	
GWMP0259	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/06/69-08/05/77	8	2	
GWMP0332	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	5	255	
GWMP0379	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	8	2	
GWMP0386	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/69-08/04/77	8	2	
GWMP0404	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	8	2	
GWMP0417	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/02/73-06/02/80	7	181	
GWMP0418	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/10/91-01/14/93	1	8	
GWMP0422	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-03/03/93	2	24	
GWMP0423	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	0	1	
GWMP0443	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	0	1	
GWMP0444	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/06/69-05/06/69	0	1	
GWMP0447	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/04/69-08/05/77	8	2	
GWMP0452	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/03/45-08/31/77	32	7	
GWMP0467	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-03/03/93	2	25	
GWMP0471	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/29/77-08/29/77	0	1	
GWMP0482	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/08/73-01/15/73	0	4	
GWMP0484	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	14	694	
GWMP0486	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/25/86-04/09/86	0	2	
GWMP0490	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/26/68-08/05/77	8	2	
GWMP0417	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/02/73-12/21/73	0	176	
GWMP0482	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/08/73-01/15/73	0	4	
GWMP0028	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	3	385	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0485	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/07/71-09/07/71	0	1	
GWMP0218	No	00091	FLOW, MINIMUM OF FLOW RANGE CFS	04/19/82-04/19/82	0	1	
GWMP0020	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	19	
GWMP0028	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	9	623	
GWMP0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	16	165	
GWMP0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/08/95-09/18/95	0	9	
GWMP0062	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	18	
GWMP0074	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/89-07/25/89	0	1	
GWMP0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	6	232	
GWMP0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	18	
GWMP0081	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	53	
GWMP0089	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	53	
GWMP0097	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	16	156	
GWMP0115	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	18	
GWMP0126	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	6	257	
GWMP0133	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/89-01/23/89	0	1	
GWMP0147	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/89-01/23/89	0	1	
GWMP0150	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	54	
GWMP0151	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	7	77	
GWMP0155	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/88-08/01/88	0	2	
GWMP0159	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	16	
GWMP0160	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	52	
GWMP0192	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/92-07/27/95	3	14	
GWMP0194	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	6	255	
GWMP0201	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	54	
GWMP0203	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	6	75	
GWMP0204	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	6	55	
GWMP0208	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	16	152	
GWMP0215	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	55	
GWMP0218	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	8	80	
GWMP0241	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	6	395	
GWMP0242	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	65	
GWMP0243	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	274	
GWMP0249	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	16	
GWMP0252	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	64	
GWMP0255	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/92-07/27/95	3	14	
GWMP0257	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	58	
GWMP0260	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	65	
GWMP0263	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	202	
GWMP0265	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	65	
GWMP0267	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	57	
GWMP0270	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	67	
GWMP0271	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	6	62	
GWMP0278	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	6	61	
GWMP0283	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	57	
GWMP0285	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	5	56	
GWMP0291	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	6	321	
GWMP0292	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	15	
GWMP0294	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	6	67	
GWMP0297	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	6	429	
GWMP0299	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	67	
GWMP0300	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	6	523	
GWMP0306	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	70	
GWMP0312	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	67	
GWMP0313	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	6	268	
GWMP0322	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	6	68	
GWMP0326	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	57	
GWMP0327	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	6	51	
GWMP0330	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	6	68	
GWMP0331	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	13	
GWMP0334	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	58	
GWMP0348	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	6	58	
GWMP0352	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	5	59	
GWMP0354	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	56	
GWMP0356	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	35	
GWMP0357	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	10	
GWMP0359	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	6	484	
GWMP0370	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	57	
GWMP0372	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	55	
GWMP0375	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	57	
GWMP0380	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	59	
GWMP0382	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/31/79-09/15/81	2	10	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0384	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	53	
GWMP0398	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	6	211	
GWMP0399	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	6	78	
GWMP0407	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	6	72	
GWMP0408	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	6	64	
GWMP0410	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	6	74	
GWMP0411	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	6	78	
GWMP0418	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/10/91-10/19/95	4	14	
GWMP0420	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	6	66	
GWMP0422	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	16	150	
GWMP0429	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	14	133	
GWMP0451	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/84-11/07/84	0	2	
GWMP0453	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/84-11/07/84	0	1	
GWMP0461	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0463	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	9	72	
GWMP0465	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0467	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	16	147	
GWMP0493	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0494	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0499	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	0	1	
GWMP0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	6	216	
GWMP0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	0	13	
GWMP0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/70-03/19/70	0	1	
GWMP0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/70-03/19/70	0	1	
GWMP0036	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	6	75	
GWMP0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	4	827	
GWMP0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/08/95-09/18/95	0	8	
GWMP0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	8	2	
GWMP0062	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	0	13	
GWMP0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	4	662	
GWMP0084	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	0	43	
GWMP0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	6	70	
GWMP0113	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	18	1753	
GWMP0114	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	4	92	
GWMP0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	0	13	
GWMP0118	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	8	2	
GWMP0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/69-08/05/77	8	2	
GWMP0149	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/08/56-08/30/77	21	4	
GWMP0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-04/28/69	0	1	
GWMP0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/89-11/29/89	0	1	
GWMP0157	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/19/79-05/24/79	0	43	
GWMP0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	4	561	
GWMP0192	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/90-07/27/95	4	19	
GWMP0207	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	6	70	
GWMP0214	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	0	1	
GWMP0217	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/20/52-08/24/78	25	6	
GWMP0219	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	4	417	
GWMP0255	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/90-07/27/95	4	19	
GWMP0259	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/69-08/05/77	8	2	
GWMP0261	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	0	19	
GWMP0264	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/79-07/26/79	0	210	
GWMP0284	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/81-08/26/81	0	10	
GWMP0290	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-09/22/81	1	56	
GWMP0332	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/68-01/07/69	0	10	
GWMP0335	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-09/28/83	4	292	
GWMP0379	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	8	2	
GWMP0386	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/69-08/04/77	8	2	
GWMP0404	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	8	2	
GWMP0417	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	21	729	T,S
GWMP0418	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/90-10/19/95	5	18	
GWMP0422	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	6	66	
GWMP0423	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	0	1	
GWMP0429	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/77-10/05/77	0	1	
GWMP0435	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/69-06/03/81	11	60	
GWMP0437	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	0	1	
GWMP0438	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/65-07/02/86	20	11	
GWMP0440	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/88-08/31/88	0	1	
GWMP0443	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	0	1	
GWMP0444	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	05/06/69-05/06/69	0	1	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0447	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/69-08/05/77	8	2	
GWMP0450	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/77-10/05/77	0	1	
GWMP0452	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	0	1	
GWMP0455	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	0	1	
GWMP0462	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	7	67	
GWMP0466	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/52-08/31/77	24	6	
GWMP0467	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	6	65	
GWMP0471	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/77-08/29/77	0	1	
GWMP0475	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/19/81	0	1	
GWMP0477	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	0	1	
GWMP0482	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-01/24/80	0	1	
GWMP0484	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/01/68-01/05/70	1	15	
GWMP0486	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/86-04/09/86	0	2	
GWMP0490	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/26/68-08/05/77	8	2	
GWMP0008	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/25/70-06/10/70	0	2	
GWMP0020	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/17/70-06/17/75	5	26	
GWMP0021	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/24/70-02/24/70	0	2	
GWMP0022	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/25/70-06/10/70	0	3	
GWMP0025	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	0	43	
GWMP0028	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	03/07/85-12/09/85	0	87	
GWMP0061	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	0	42	
GWMP0062	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/17/75	4	11	
GWMP0097	Yes	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	0	2	
GWMP0115	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/17/75	4	11	
GWMP0122	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	0	44	
GWMP0159	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	0	9	
GWMP0208	Yes	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	0	2	
GWMP0247	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	0	45	
GWMP0249	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	0	9	
GWMP0331	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/22/71-06/10/71	0	8	
GWMP0416	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	05/14/71-05/14/71	0	1	
GWMP0422	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/07/95-02/07/95	0	1	
GWMP0028	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/10/91-12/12/94	3	395	
GWMP0076	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/13/80-08/13/80	0	1	
GWMP0434	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/08/91-12/13/94	3	47	
GWMP0463	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/08/91-12/13/94	3	48	
GWMP0038	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/10/81	1	22	
GWMP0076	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/06/80	0	12	
GWMP0113	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	18	
GWMP0161	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/05/80	0	4	
GWMP0219	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-05/19/81	0	6	
GWMP0290	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	05/19/81-05/19/81	0	1	
GWMP0335	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-07/21/81	0	9	
GWMP0038	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-08/26/81	1	175	
GWMP0076	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-08/26/81	1	139	
GWMP0113	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	176	
GWMP0161	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	98	
GWMP0219	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	75	
GWMP0290	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	10/21/80-10/21/80	0	1	
GWMP0335	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	78	
GWMP0038	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/05/80-08/26/81	1	176	
GWMP0076	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/05/80-08/26/81	1	130	
GWMP0113	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	1	123	
GWMP0161	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	1	42	
GWMP0219	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/13/80-08/26/81	1	35	
GWMP0290	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	10/21/80-09/10/81	0	8	
GWMP0335	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	1	34	
GWMP0113	No	00201	LIGHT,INCIDENT,400-700NM,DAILY TOTAL UEINSTEINS/M2	06/19/80-09/30/81	1	212	
GWMP0020	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	12	
GWMP0036	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	3	53	
GWMP0040	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/08/95-09/18/95	0	9	
GWMP0062	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	11	
GWMP0077	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	279	
GWMP0078	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	12	
GWMP0081	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	63	
GWMP0089	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	63	
GWMP0097	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	3	46	
GWMP0115	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	12	
GWMP0126	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	314	
GWMP0150	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	64	
GWMP0159	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	11	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0160	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	61	
GWMP0192	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/92-07/27/95	3	14	
GWMP0194	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	299	
GWMP0201	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	63	
GWMP0203	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	6	76	
GWMP0204	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	63	
GWMP0208	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	3	46	
GWMP0215	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	6	63	
GWMP0241	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	6	437	
GWMP0242	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	64	
GWMP0243	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	296	
GWMP0249	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	11	
GWMP0252	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	63	
GWMP0255	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/92-07/27/95	3	14	
GWMP0257	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0260	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	64	
GWMP0263	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	199	
GWMP0265	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	65	
GWMP0267	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	65	
GWMP0270	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	67	
GWMP0271	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	6	62	
GWMP0278	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	6	60	
GWMP0283	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0285	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-09/11/90	5	54	
GWMP0291	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	6	345	
GWMP0292	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	9	
GWMP0294	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	6	68	
GWMP0297	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	6	474	
GWMP0299	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	66	
GWMP0300	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	6	552	
GWMP0306	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	71	
GWMP0312	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	6	68	
GWMP0313	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	6	271	
GWMP0322	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	6	68	
GWMP0326	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0327	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	6	51	
GWMP0330	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	6	64	
GWMP0331	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	8	
GWMP0334	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	75	
GWMP0348	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	6	55	
GWMP0352	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	5	62	
GWMP0354	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	63	
GWMP0356	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	31	
GWMP0357	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	5	
GWMP0359	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	6	530	
GWMP0370	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0372	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	64	
GWMP0375	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0380	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	66	
GWMP0382	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	5	
GWMP0384	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	61	
GWMP0398	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	227	
GWMP0399	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	6	74	
GWMP0407	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	6	67	
GWMP0408	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	6	60	
GWMP0410	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	6	69	
GWMP0411	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	6	74	
GWMP0418	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/91-10/19/95	3	13	
GWMP0420	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	6	64	
GWMP0422	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	3	43	
GWMP0451	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/10/83-11/07/84	1	20	
GWMP0453	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/10/83-11/07/84	1	21	
GWMP0467	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-10/04/95	3	40	
GWMP0484	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/86-04/09/86	0	2	
GWMP0486	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/86-04/09/86	0	2	
GWMP0003	No	00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	0	4	
GWMP0005	No	00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	0	4	
GWMP0006	No	00300	OXYGEN, DISSOLVED MG/L	01/14/74-06/23/76	2	14	
GWMP0007	No	00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	0	4	
GWMP0008	No	00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	0	6	
GWMP0009	No	00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	0	6	
GWMP0017	No	00300	OXYGEN, DISSOLVED MG/L	04/26/72-06/20/79	7	45	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0019	No	00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	6	210	
GWMP0020	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	11	151	
GWMP0021	No	00300	OXYGEN, DISSOLVED MG/L	02/24/70-03/23/70	0	4	
GWMP0022	No	00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	0	7	
GWMP0023	No	00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	0	4	
GWMP0024	No	00300	OXYGEN, DISSOLVED MG/L	01/14/74-07/05/77	3	16	
GWMP0026	No	00300	OXYGEN, DISSOLVED MG/L	02/24/70-03/23/70	0	4	
GWMP0027	No	00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	0	7	
GWMP0028	No	00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	9	623	
GWMP0035	No	00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	0	4	
GWMP0036	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	17	185	
GWMP0038	No	00300	OXYGEN, DISSOLVED MG/L	10/06/79-10/14/83	4	839	
GWMP0041	No	00300	OXYGEN, DISSOLVED MG/L	03/05/70-08/29/74	4	33	
GWMP0043	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	62	
GWMP0046	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-05/13/85	10	28	
GWMP0047	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	66	
GWMP0060	No	00300	OXYGEN, DISSOLVED MG/L	11/18/87-11/18/87	0	1	
GWMP0062	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	133	
GWMP0069	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	66	
GWMP0071	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	63	
GWMP0072	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	66	
GWMP0073	No	00300	OXYGEN, DISSOLVED MG/L	06/21/78-06/20/79	0	6	
GWMP0074	No	00300	OXYGEN, DISSOLVED MG/L	09/12/77-07/25/89	11	2	
GWMP0076	No	00300	OXYGEN, DISSOLVED MG/L	10/06/79-11/09/83	4	646	
GWMP0078	No	00300	OXYGEN, DISSOLVED MG/L	05/03/79-08/19/81	2	45	
GWMP0079	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	65	
GWMP0083	No	00300	OXYGEN, DISSOLVED MG/L	07/18/89-07/18/89	0	1	
GWMP0090	No	00300	OXYGEN, DISSOLVED MG/L	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	17	178	
GWMP0109	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	66	
GWMP0113	No	00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	4	1557	
GWMP0114	No	00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	4	94	
GWMP0115	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	11	135	
GWMP0124	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	32	
GWMP0131	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/18/89	14	2	
GWMP0132	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	29	
GWMP0133	No	00300	OXYGEN, DISSOLVED MG/L	01/23/89-01/23/89	0	1	
GWMP0145	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	66	
GWMP0147	No	00300	OXYGEN, DISSOLVED MG/L	01/23/89-01/23/89	0	1	
GWMP0151	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	12	121	
GWMP0155	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/29/89	15	4	
GWMP0159	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	120	
GWMP0161	No	00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/28/83	3	559	
GWMP0192	No	00300	OXYGEN, DISSOLVED MG/L	09/06/90-10/16/91	1	5	
GWMP0208	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	17	172	
GWMP0210	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	32	
GWMP0218	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	12	104	
GWMP0219	No	00300	OXYGEN, DISSOLVED MG/L	10/06/79-09/28/83	3	413	
GWMP0221	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	32	
GWMP0231	No	00300	OXYGEN, DISSOLVED MG/L	09/05/74-01/05/76	1	2	
GWMP0245	No	00300	OXYGEN, DISSOLVED MG/L	07/08/87-07/08/87	0	1	
GWMP0248	No	00300	OXYGEN, DISSOLVED MG/L	05/13/70-05/13/70	0	1	
GWMP0249	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	119	
GWMP0251	No	00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	0	4	
GWMP0255	No	00300	OXYGEN, DISSOLVED MG/L	09/30/74-10/16/91	17	29	
GWMP0256	No	00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	2	14	
GWMP0264	No	00300	OXYGEN, DISSOLVED MG/L	03/26/79-07/26/79	0	197	
GWMP0268	No	00300	OXYGEN, DISSOLVED MG/L	07/08/87-07/08/87	0	1	
GWMP0279	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	5	
GWMP0280	No	00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	2	12	
GWMP0281	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	5	
GWMP0284	No	00300	OXYGEN, DISSOLVED MG/L	07/08/81-08/26/81	0	11	
GWMP0290	No	00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/22/81	1	56	
GWMP0292	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	108	
GWMP0295	No	00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	7	48	
GWMP0298	No	00300	OXYGEN, DISSOLVED MG/L	09/05/74-06/24/80	5	3	
GWMP0309	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	6	
GWMP0310	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	6	
GWMP0331	No	00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	10	121	
GWMP0332	No	00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	5	261	
GWMP0333	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	8	
GWMP0335	No	00300	OXYGEN, DISSOLVED MG/L	07/04/80-09/28/83	3	289	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0355	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	29	
GWMP0357	Yes	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	90	
GWMP0369	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	8	
GWMP0371	No	00300	OXYGEN, DISSOLVED MG/L	07/21/71-07/21/71	0	1	
GWMP0373	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	12	
GWMP0374	Yes	00300	OXYGEN, DISSOLVED MG/L	06/23/76-12/02/76	0	2	
GWMP0376	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0381	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	9	
GWMP0382	Yes	00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	7	29	
GWMP0385	No	00300	OXYGEN, DISSOLVED MG/L	07/05/78-07/05/78	0	1	
GWMP0387	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	7	
GWMP0396	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	7	25	
GWMP0403	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	30	
GWMP0405	No	00300	OXYGEN, DISSOLVED MG/L	07/16/86-07/16/86	0	1	
GWMP0406	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0413	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/74-10/09/79	5	28	
GWMP0415	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0416	No	00300	OXYGEN, DISSOLVED MG/L	05/14/71-05/14/71	0	1	
GWMP0417	No	00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	21	617	T,S
GWMP0418	No	00300	OXYGEN, DISSOLVED MG/L	09/27/90-04/10/91	0	3	
GWMP0419	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
GWMP0421	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
GWMP0422	No	00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	19	174	
GWMP0424	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
GWMP0427	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	31	
GWMP0429	No	00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	7	80	
GWMP0433	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
GWMP0434	Yes	00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	14	132	
GWMP0435	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/69-06/03/81	11	60	
GWMP0436	Yes	00300	OXYGEN, DISSOLVED MG/L	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/74-11/01/77	3	17	
GWMP0438	No	00300	OXYGEN, DISSOLVED MG/L	07/16/69-07/02/86	16	9	
GWMP0440	No	00300	OXYGEN, DISSOLVED MG/L	08/31/88-08/31/88	0	1	
GWMP0441	No	00300	OXYGEN, DISSOLVED MG/L	10/11/74-06/11/79	4	25	
GWMP0442	No	00300	OXYGEN, DISSOLVED MG/L	02/10/76-02/10/76	0	1	
GWMP0446	No	00300	OXYGEN, DISSOLVED MG/L	04/30/75-04/30/75	0	1	
GWMP0450	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	9	149	
GWMP0454	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0455	No	00300	OXYGEN, DISSOLVED MG/L	03/28/74-10/09/79	5	30	
GWMP0457	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0458	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0461	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	151	
GWMP0462	No	00300	OXYGEN, DISSOLVED MG/L	04/29/74-06/03/81	7	66	
GWMP0463	No	00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	9	72	
GWMP0464	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	9	148	
GWMP0465	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	149	
GWMP0467	Yes	00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	19	198	
GWMP0468	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0470	No	00300	OXYGEN, DISSOLVED MG/L	07/06/72-06/11/79	6	49	
GWMP0472	No	00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	9	144	
GWMP0473	No	00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	9	146	
GWMP0476	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/74-10/09/79	5	31	
GWMP0481	No	00300	OXYGEN, DISSOLVED MG/L	08/18/69-08/18/69	0	1	
GWMP0482	Yes	00300	OXYGEN, DISSOLVED MG/L	01/09/73-01/24/80	7	2	
GWMP0485	Yes	00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	14	783	
GWMP0487	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	150	
GWMP0488	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/75-07/05/77	2	5	
GWMP0491	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	133	
GWMP0492	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
GWMP0493	No	00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	8	107	
GWMP0494	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	155	
GWMP0495	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-11/30/71	0	44	
GWMP0496	No	00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	7	69	
GWMP0497	No	00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	9	136	
GWMP0498	No	00300	OXYGEN, DISSOLVED MG/L	07/20/71-12/13/71	0	9	
GWMP0499	No	00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	9	154	
GWMP0028	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/85-12/09/85	0	87	
GWMP0417	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/05/80-09/30/80	0	28	
GWMP0429	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/09/80	5	51	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0434	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/08/80-12/10/85	5	69	
GWMP0450	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	9	79	
GWMP0451	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/83-11/07/84	1	20	
GWMP0453	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/83-11/07/84	1	21	
GWMP0461	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	83	
GWMP0463	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/16/85-12/10/85	0	11	
GWMP0464	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	9	78	
GWMP0465	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	82	
GWMP0472	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	9	80	
GWMP0473	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	9	82	
GWMP0485	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/01/62-08/01/67	4	24	
GWMP0487	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	82	
GWMP0491	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	80	
GWMP0493	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	5	57	
GWMP0494	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	85	
GWMP0495	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-08/18/71	0	28	
GWMP0496	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	4	54	
GWMP0497	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	9	79	
GWMP0498	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-08/18/71	0	2	
GWMP0499	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	9	84	
GWMP0038	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/29/79-09/22/81	2	79	
GWMP0076	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/19/79-08/26/81	2	123	
GWMP0113	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	2	650	
GWMP0161	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/13/79-08/26/81	2	74	
GWMP0178	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/03/81-08/13/81	0	30	
GWMP0179	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	01/12/81-08/13/81	0	56	
GWMP0219	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/20/79-08/26/81	2	70	
GWMP0264	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/26/79-07/26/79	0	53	
GWMP0284	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
GWMP0290	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
GWMP0335	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/09/79-08/26/81	2	69	
GWMP0417	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	2	254	
GWMP0017	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/09/72-09/05/74	2	3	
GWMP0020	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	30	
GWMP0024	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/77-06/06/77	0	1	
GWMP0028	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	9	324	
GWMP0036	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	21	230	T,A,S
GWMP0041	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/70-02/11/74	3	5	
GWMP0060	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/18/87-11/18/87	0	1	
GWMP0062	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	26	
GWMP0073	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/78-06/20/79	0	6	
GWMP0074	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/12/77-07/25/89	11	2	
GWMP0077	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	6	62	
GWMP0078	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	2	24	
GWMP0081	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	0	3	
GWMP0083	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/89-07/18/89	0	1	
GWMP0090	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	21	227	T,A,S
GWMP0113	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/25/78-12/04/78	0	23	
GWMP0115	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	40	
GWMP0124	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	2	31	
GWMP0126	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	6	64	
GWMP0131	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-07/18/89	14	2	
GWMP0133	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/89-01/23/89	0	1	
GWMP0147	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/89-01/23/89	0	1	
GWMP0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	0	3	
GWMP0151	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	11	79	
GWMP0155	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/29/89	15	5	
GWMP0159	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	24	
GWMP0192	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/90-07/27/95	4	19	
GWMP0194	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	6	64	
GWMP0203	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	5	64	
GWMP0204	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	21	223	T,A,S
GWMP0210	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	2	31	
GWMP0218	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	8	81	
GWMP0231	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/05/74-01/05/76	1	2	
GWMP0241	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	6	67	
GWMP0243	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	6	74	
GWMP0245	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/08/87-07/08/87	0	1	
GWMP0249	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	36	
GWMP0255	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-07/27/95	19	20	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0263	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-06/03/86	2	14	
GWMP0267	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	0	3	
GWMP0268	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/08/87-07/08/87	0	1	
GWMP0271	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	5	57	
GWMP0278	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	5	56	
GWMP0281	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	0	3	
GWMP0291	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	6	71	
GWMP0292	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	24	
GWMP0295	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/78-06/20/79	0	3	
GWMP0297	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	6	63	
GWMP0298	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/05/74-06/24/80	5	3	
GWMP0300	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	6	76	
GWMP0309	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	0	3	
GWMP0313	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	6	81	
GWMP0322	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	5	56	
GWMP0327	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/20/85-08/06/90	5	40	
GWMP0330	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	64	
GWMP0331	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	7	22	
GWMP0332	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	5	259	
GWMP0333	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0334	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	0	3	
GWMP0348	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	45	
GWMP0357	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	8	38	
GWMP0359	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	6	63	
GWMP0369	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0373	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0376	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0380	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-12/13/83	0	2	
GWMP0381	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0382	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	2	18	
GWMP0385	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/78-07/05/78	0	1	
GWMP0387	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0396	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0397	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-09/16/81	1	12	
GWMP0398	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	6	62	
GWMP0399	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	65	
GWMP0405	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/16/86-07/16/86	0	1	
GWMP0406	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0407	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	6	65	
GWMP0408	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	51	
GWMP0410	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	65	
GWMP0411	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	5	65	
GWMP0413	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0414	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	5	16	
GWMP0415	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0417	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/73-12/07/78	5	70	
GWMP0418	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/27/90-10/19/95	5	19	
GWMP0422	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	16	173	
GWMP0429	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	13	85	
GWMP0434	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	12	102	
GWMP0436	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0437	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-07/18/74	0	6	
GWMP0442	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/10/76-02/10/76	0	1	
GWMP0446	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/75-04/30/75	0	1	
GWMP0450	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	9	106	
GWMP0453	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/85-10/18/85	0	1	
GWMP0454	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0455	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	5	15	
GWMP0457	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0458	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0461	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	14	109	
GWMP0463	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	9	68	
GWMP0464	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	9	104	
GWMP0465	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	14	108	
GWMP0467	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	16	172	
GWMP0468	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0472	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	108	
GWMP0473	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	108	
GWMP0476	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0477	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	5	15	
GWMP0482	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/09/73-01/09/73	0	1	
GWMP0485	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	14	779	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0487	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	109	
GWMP0488	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/77-06/06/77	0	1	
GWMP0491	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	8	109	
GWMP0492	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
GWMP0493	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	14	110	
GWMP0494	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	14	111	
GWMP0496	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	7	70	
GWMP0497	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	8	108	
GWMP0499	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	14	111	
GWMP0003	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	0	4	
GWMP0005	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	0	4	
GWMP0007	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	0	4	
GWMP0023	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	0	4	
GWMP0035	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	0	4	
GWMP0251	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
GWMP0279	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
GWMP0310	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
GWMP0481	No	00311	BOD, DISSOLVED, 5 DAY MG/L	08/18/69-08/18/69	0	1	
GWMP0038	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/29/79-09/22/81	2	75	
GWMP0076	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/19/79-08/26/81	2	96	
GWMP0113	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	2	600	
GWMP0149	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	03/13/80-08/01/80	0	4	
GWMP0161	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/13/79-08/26/81	2	53	
GWMP0178	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/03/81-08/13/81	0	30	
GWMP0179	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	01/12/81-08/13/81	0	56	
GWMP0217	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/06/79-08/06/79	0	1	
GWMP0219	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/20/79-08/26/81	2	52	
GWMP0264	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/26/79-07/26/79	0	53	
GWMP0284	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
GWMP0290	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
GWMP0335	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/09/79-08/26/81	2	65	
GWMP0417	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	2	263	
GWMP0038	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/29/79-09/22/81	2	78	
GWMP0076	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/19/79-08/26/81	2	122	
GWMP0113	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	2	584	
GWMP0149	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/06/79-08/01/80	0	5	
GWMP0161	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/13/79-08/26/81	2	74	
GWMP0178	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/03/81-08/13/81	0	30	
GWMP0179	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	01/12/81-08/13/81	0	56	
GWMP0217	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/06/79-09/05/79	0	2	
GWMP0219	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/20/79-08/26/81	2	70	
GWMP0264	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/26/79-07/26/79	0	52	
GWMP0284	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
GWMP0290	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
GWMP0335	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/09/79-08/26/81	2	69	
GWMP0417	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	2	178	
GWMP0038	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/29/79-09/22/81	2	61	
GWMP0076	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	07/19/79-08/26/81	2	95	
GWMP0113	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	2	529	
GWMP0161	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/13/79-08/26/81	2	53	
GWMP0178	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/03/81-08/13/81	0	30	
GWMP0179	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	01/12/81-08/13/81	0	56	
GWMP0219	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/20/79-08/26/81	2	52	
GWMP0264	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	07/26/79-07/26/79	0	52	
GWMP0284	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/26/81-08/26/81	0	1	
GWMP0290	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	06/27/80-09/22/81	1	15	
GWMP0335	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/09/79-08/26/81	2	64	
GWMP0417	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	2	173	
GWMP0038	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/30/80-08/06/80	0	2	
GWMP0113	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	10/25/78-08/05/80	1	92	
GWMP0149	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/06/79-04/26/80	0	3	
GWMP0161	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/05/80-08/05/80	0	1	
GWMP0217	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/06/79-09/05/79	0	2	
GWMP0219	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/29/79-08/05/80	0	4	
GWMP0264	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/26/79-07/26/79	0	1	
GWMP0417	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	09/25/78-05/07/81	2	104	
GWMP0332	No	00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	5	240	
GWMP0485	Yes	00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	12	568	
GWMP0019	No	00340	COD, .25N K2CR2O7 MG/L	05/10/76-05/10/76	0	2	
GWMP0036	Yes	00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	20	184	
GWMP0060	No	00340	COD, .25N K2CR2O7 MG/L	11/18/87-11/18/87	0	1	
GWMP0074	No	00340	COD, .25N K2CR2O7 MG/L	09/12/77-07/25/89	11	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0083	No	00340	COD, .25N K2CR2O7 MG/L	07/18/89-07/18/89	0	1	
GWMP0090	No	00340	COD, .25N K2CR2O7 MG/L	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	20	182	
GWMP0114	No	00340	COD, .25N K2CR2O7 MG/L	05/10/76-04/17/78	1	3	
GWMP0124	No	00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	0	1	
GWMP0131	No	00340	COD, .25N K2CR2O7 MG/L	09/19/74-07/18/89	14	2	
GWMP0133	No	00340	COD, .25N K2CR2O7 MG/L	01/23/89-01/23/89	0	1	
GWMP0147	No	00340	COD, .25N K2CR2O7 MG/L	01/23/89-01/23/89	0	1	
GWMP0151	No	00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	7	78	
GWMP0155	No	00340	COD, .25N K2CR2O7 MG/L	09/19/74-11/29/89	15	5	
GWMP0192	No	00340	COD, .25N K2CR2O7 MG/L	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	20	178	
GWMP0210	No	00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	0	1	
GWMP0218	No	00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	8	81	
GWMP0231	No	00340	COD, .25N K2CR2O7 MG/L	09/05/74-01/05/76	1	2	
GWMP0245	No	00340	COD, .25N K2CR2O7 MG/L	07/08/87-07/08/87	0	1	
GWMP0255	No	00340	COD, .25N K2CR2O7 MG/L	09/06/90-07/27/95	4	18	
GWMP0268	No	00340	COD, .25N K2CR2O7 MG/L	07/08/87-07/08/87	0	1	
GWMP0298	No	00340	COD, .25N K2CR2O7 MG/L	09/05/74-06/24/80	5	3	
GWMP0332	No	00340	COD, .25N K2CR2O7 MG/L	10/01/68-01/07/69	0	12	
GWMP0385	No	00340	COD, .25N K2CR2O7 MG/L	07/05/78-07/05/78	0	1	
GWMP0405	No	00340	COD, .25N K2CR2O7 MG/L	07/16/86-07/16/86	0	1	
GWMP0418	No	00340	COD, .25N K2CR2O7 MG/L	09/27/90-10/19/95	5	19	
GWMP0422	No	00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	16	173	
GWMP0435	Yes	00340	COD, .25N K2CR2O7 MG/L	04/29/74-05/03/76	2	10	
GWMP0442	No	00340	COD, .25N K2CR2O7 MG/L	02/10/76-02/10/76	0	1	
GWMP0446	No	00340	COD, .25N K2CR2O7 MG/L	04/30/75-04/30/75	0	1	
GWMP0462	No	00340	COD, .25N K2CR2O7 MG/L	04/03/74-05/03/76	2	14	
GWMP0467	Yes	00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	16	172	
GWMP0485	Yes	00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	3	122	
GWMP0113	No	00349	BOD, 30 DAY, 20 DEG C MG/L	10/25/78-12/04/78	0	23	
GWMP0417	No	00349	BOD, 30 DAY, 20 DEG C MG/L	09/25/78-12/07/78	0	21	
GWMP0332	No	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/17/63-11/16/65	2	108	
GWMP0485	Yes	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	7	349	
GWMP0332	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/17/63-11/16/65	2	104	
GWMP0485	Yes	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	7	343	
GWMP0020	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0062	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0078	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0115	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0159	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0249	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0292	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0331	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0357	Yes	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0382	Yes	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
GWMP0017	No	00400	PH (STANDARD UNITS)	04/26/72-06/20/79	7	48	
GWMP0019	No	00400	PH (STANDARD UNITS)	06/25/74-06/01/81	6	179	
GWMP0020	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	24	
GWMP0028	No	00400	PH (STANDARD UNITS)	03/07/85-12/12/94	9	618	
GWMP0036	Yes	00400	PH (STANDARD UNITS)	09/19/74-11/07/95	21	233	T,A,S
GWMP0038	No	00400	PH (STANDARD UNITS)	04/22/80-10/14/83	3	819	
GWMP0040	No	00400	PH (STANDARD UNITS)	05/08/95-09/18/95	0	8	
GWMP0041	No	00400	PH (STANDARD UNITS)	03/05/70-08/29/74	4	33	
GWMP0043	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	63	
GWMP0045	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0046	No	00400	PH (STANDARD UNITS)	09/19/74-07/08/85	10	30	
GWMP0047	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	67	
GWMP0060	No	00400	PH (STANDARD UNITS)	11/18/87-11/18/87	0	1	
GWMP0062	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	25	
GWMP0069	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	67	
GWMP0071	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	64	
GWMP0072	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	67	
GWMP0073	No	00400	PH (STANDARD UNITS)	06/21/78-06/20/79	0	6	
GWMP0074	No	00400	PH (STANDARD UNITS)	09/12/77-07/25/89	11	2	
GWMP0076	No	00400	PH (STANDARD UNITS)	04/22/80-11/09/83	3	637	
GWMP0077	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	255	
GWMP0078	No	00400	PH (STANDARD UNITS)	07/23/80-09/15/81	1	13	
GWMP0079	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	67	
GWMP0081	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	54	
GWMP0083	No	00400	PH (STANDARD UNITS)	07/18/89-07/18/89	0	1	
GWMP0089	No	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	51	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0090	No	00400	PH (STANDARD UNITS)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00400	PH (STANDARD UNITS)	09/19/74-11/07/95	21	217	T,S
GWMP0109	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	68	
GWMP0113	No	00400	PH (STANDARD UNITS)	08/19/65-10/14/83	18	1537	
GWMP0114	No	00400	PH (STANDARD UNITS)	07/08/74-10/02/78	4	50	
GWMP0115	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	26	
GWMP0118	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0124	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	32	
GWMP0126	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	288	
GWMP0131	No	00400	PH (STANDARD UNITS)	09/19/74-07/18/89	14	2	
GWMP0132	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	28	
GWMP0133	No	00400	PH (STANDARD UNITS)	01/23/89-01/23/89	0	1	
GWMP0145	No	00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	67	
GWMP0146	No	00400	PH (STANDARD UNITS)	04/30/69-04/30/69	0	1	
GWMP0147	No	00400	PH (STANDARD UNITS)	01/23/89-01/23/89	0	1	
GWMP0149	No	00400	PH (STANDARD UNITS)	02/08/56-04/30/69	13	3	
GWMP0150	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	54	
GWMP0151	No	00400	PH (STANDARD UNITS)	09/19/74-06/01/87	12	125	
GWMP0153	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0155	No	00400	PH (STANDARD UNITS)	09/19/74-11/29/89	15	5	
GWMP0159	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	20	
GWMP0160	No	00400	PH (STANDARD UNITS)	07/09/84-09/10/90	6	50	
GWMP0161	No	00400	PH (STANDARD UNITS)	06/17/80-09/28/83	3	551	
GWMP0192	No	00400	PH (STANDARD UNITS)	09/06/90-07/27/95	4	17	
GWMP0194	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	276	
GWMP0201	No	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	52	
GWMP0203	Yes	00400	PH (STANDARD UNITS)	10/17/83-09/17/90	6	71	
GWMP0204	No	00400	PH (STANDARD UNITS)	10/13/83-09/10/90	6	55	
GWMP0207	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00400	PH (STANDARD UNITS)	09/19/74-11/07/95	21	214	T,S
GWMP0210	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	32	
GWMP0215	No	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	52	
GWMP0217	No	00400	PH (STANDARD UNITS)	11/20/52-02/05/69	16	4	
GWMP0218	No	00400	PH (STANDARD UNITS)	09/19/74-07/06/87	12	107	
GWMP0219	No	00400	PH (STANDARD UNITS)	06/17/80-09/28/83	3	403	
GWMP0221	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	32	
GWMP0231	No	00400	PH (STANDARD UNITS)	09/05/74-01/05/76	1	2	
GWMP0241	No	00400	PH (STANDARD UNITS)	10/12/83-09/24/90	6	400	
GWMP0242	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	60	
GWMP0243	No	00400	PH (STANDARD UNITS)	10/11/83-09/11/90	6	264	
GWMP0245	No	00400	PH (STANDARD UNITS)	07/08/87-07/08/87	0	1	
GWMP0249	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	20	
GWMP0252	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	59	
GWMP0255	No	00400	PH (STANDARD UNITS)	09/30/74-07/27/95	20	42	
GWMP0257	No	00400	PH (STANDARD UNITS)	01/23/84-09/10/90	6	54	
GWMP0259	No	00400	PH (STANDARD UNITS)	05/06/69-05/06/69	0	1	
GWMP0260	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	60	
GWMP0263	No	00400	PH (STANDARD UNITS)	10/11/83-09/11/90	6	196	
GWMP0264	No	00400	PH (STANDARD UNITS)	03/26/79-07/26/79	0	197	
GWMP0265	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	61	
GWMP0267	No	00400	PH (STANDARD UNITS)	10/12/83-09/10/90	6	54	
GWMP0268	No	00400	PH (STANDARD UNITS)	07/08/87-07/08/87	0	1	
GWMP0270	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	63	
GWMP0271	No	00400	PH (STANDARD UNITS)	12/12/83-07/09/90	6	57	
GWMP0278	No	00400	PH (STANDARD UNITS)	12/12/83-07/09/90	6	57	
GWMP0283	No	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	53	
GWMP0284	No	00400	PH (STANDARD UNITS)	07/08/81-08/26/81	0	10	
GWMP0285	No	00400	PH (STANDARD UNITS)	10/02/84-09/11/90	5	56	
GWMP0290	No	00400	PH (STANDARD UNITS)	06/17/80-09/22/81	1	56	
GWMP0291	No	00400	PH (STANDARD UNITS)	10/12/83-09/11/90	6	296	
GWMP0292	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	20	
GWMP0294	No	00400	PH (STANDARD UNITS)	06/13/84-08/14/90	6	62	
GWMP0295	No	00400	PH (STANDARD UNITS)	03/13/72-06/20/79	7	50	
GWMP0297	No	00400	PH (STANDARD UNITS)	10/12/83-09/24/90	6	441	
GWMP0298	No	00400	PH (STANDARD UNITS)	09/05/74-06/24/80	5	3	
GWMP0299	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	62	
GWMP0300	No	00400	PH (STANDARD UNITS)	10/11/83-09/24/90	6	511	
GWMP0306	No	00400	PH (STANDARD UNITS)	06/13/84-09/11/90	6	65	
GWMP0312	No	00400	PH (STANDARD UNITS)	05/08/84-09/11/90	6	62	
GWMP0313	No	00400	PH (STANDARD UNITS)	10/11/83-09/24/90	6	260	
GWMP0322	No	00400	PH (STANDARD UNITS)	10/17/83-08/06/90	6	63	
GWMP0326	No	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	53	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0327	No	00400	PH (STANDARD UNITS)	10/17/83-08/06/90	6	45	
GWMP0330	No	00400	PH (STANDARD UNITS)	12/20/83-09/18/90	6	66	
GWMP0331	No	00400	PH (STANDARD UNITS)	03/16/72-09/15/81	9	16	
GWMP0332	No	00400	PH (STANDARD UNITS)	07/23/63-01/07/69	5	263	
GWMP0333	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
GWMP0334	No	00400	PH (STANDARD UNITS)	10/12/83-09/10/90	6	62	
GWMP0335	No	00400	PH (STANDARD UNITS)	07/04/80-09/28/83	3	284	
GWMP0348	No	00400	PH (STANDARD UNITS)	10/18/83-09/18/90	6	55	
GWMP0352	No	00400	PH (STANDARD UNITS)	10/01/84-09/10/90	5	60	
GWMP0354	No	00400	PH (STANDARD UNITS)	07/09/84-09/10/90	6	53	
GWMP0356	No	00400	PH (STANDARD UNITS)	11/19/85-09/10/90	4	30	
GWMP0357	Yes	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	13	
GWMP0359	No	00400	PH (STANDARD UNITS)	10/12/83-09/24/90	6	497	
GWMP0369	Yes	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
GWMP0370	Yes	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	53	
GWMP0372	Yes	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	52	
GWMP0373	Yes	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	3	
GWMP0375	Yes	00400	PH (STANDARD UNITS)	10/07/85-09/10/90	4	53	
GWMP0376	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0379	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0380	Yes	00400	PH (STANDARD UNITS)	10/12/83-09/10/90	6	58	
GWMP0381	Yes	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
GWMP0382	Yes	00400	PH (STANDARD UNITS)	07/23/80-09/15/81	1	6	
GWMP0384	Yes	00400	PH (STANDARD UNITS)	07/09/84-09/10/90	6	50	
GWMP0385	No	00400	PH (STANDARD UNITS)	07/05/78-07/05/78	0	1	
GWMP0386	No	00400	PH (STANDARD UNITS)	04/05/69-04/05/69	0	1	
GWMP0387	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
GWMP0396	Yes	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	1	
GWMP0398	Yes	00400	PH (STANDARD UNITS)	10/12/83-09/10/90	6	213	
GWMP0399	No	00400	PH (STANDARD UNITS)	10/18/83-09/18/90	6	74	
GWMP0404	No	00400	PH (STANDARD UNITS)	04/28/69-04/28/69	0	1	
GWMP0405	No	00400	PH (STANDARD UNITS)	07/16/86-07/16/86	0	1	
GWMP0406	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	1	
GWMP0407	No	00400	PH (STANDARD UNITS)	12/19/83-09/18/90	6	69	
GWMP0408	No	00400	PH (STANDARD UNITS)	10/18/83-09/18/90	6	60	
GWMP0410	No	00400	PH (STANDARD UNITS)	10/24/83-09/18/90	6	69	
GWMP0411	No	00400	PH (STANDARD UNITS)	10/18/83-09/18/90	6	74	
GWMP0413	Yes	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00400	PH (STANDARD UNITS)	01/16/74-01/16/74	0	1	
GWMP0415	Yes	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0417	No	00400	PH (STANDARD UNITS)	01/02/73-07/08/94	21	877	T,S
GWMP0418	No	00400	PH (STANDARD UNITS)	09/27/90-10/19/95	5	16	
GWMP0420	No	00400	PH (STANDARD UNITS)	10/24/83-06/05/90	6	57	
GWMP0422	No	00400	PH (STANDARD UNITS)	07/06/72-11/07/95	23	215	T,S
GWMP0429	No	00400	PH (STANDARD UNITS)	01/05/73-08/13/86	13	79	
GWMP0434	Yes	00400	PH (STANDARD UNITS)	04/08/80-12/13/94	14	128	
GWMP0435	Yes	00400	PH (STANDARD UNITS)	09/15/69-06/03/81	11	44	
GWMP0436	Yes	00400	PH (STANDARD UNITS)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00400	PH (STANDARD UNITS)	01/16/74-05/20/75	1	2	
GWMP0438	No	00400	PH (STANDARD UNITS)	08/09/65-07/02/86	20	11	
GWMP0440	No	00400	PH (STANDARD UNITS)	08/31/88-08/31/88	0	1	
GWMP0441	No	00400	PH (STANDARD UNITS)	10/11/74-06/11/79	4	25	
GWMP0442	No	00400	PH (STANDARD UNITS)	02/10/76-02/10/76	0	1	
GWMP0444	No	00400	PH (STANDARD UNITS)	05/06/69-05/06/69	0	1	
GWMP0446	No	00400	PH (STANDARD UNITS)	04/30/75-04/30/75	0	1	
GWMP0447	No	00400	PH (STANDARD UNITS)	05/04/69-05/04/69	0	1	
GWMP0450	No	00400	PH (STANDARD UNITS)	01/22/71-12/09/80	9	144	
GWMP0451	No	00400	PH (STANDARD UNITS)	02/10/83-11/07/84	1	19	
GWMP0453	No	00400	PH (STANDARD UNITS)	02/10/83-11/07/84	1	19	
GWMP0454	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0455	No	00400	PH (STANDARD UNITS)	05/20/75-05/20/75	0	1	
GWMP0457	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0458	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0461	No	00400	PH (STANDARD UNITS)	01/22/71-08/13/86	15	140	
GWMP0462	No	00400	PH (STANDARD UNITS)	10/18/76-06/03/81	4	48	
GWMP0463	No	00400	PH (STANDARD UNITS)	01/16/85-12/13/94	9	72	
GWMP0464	No	00400	PH (STANDARD UNITS)	01/22/71-12/09/80	9	142	
GWMP0465	No	00400	PH (STANDARD UNITS)	01/22/71-08/13/86	15	145	
GWMP0466	Yes	00400	PH (STANDARD UNITS)	11/21/52-05/14/69	16	5	
GWMP0467	Yes	00400	PH (STANDARD UNITS)	07/06/72-10/04/95	23	234	T,A,S
GWMP0468	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0470	No	00400	PH (STANDARD UNITS)	07/06/72-06/11/79	6	49	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0472	No	00400	PH (STANDARD UNITS)	01/15/71-12/02/80	9	131	
GWMP0473	No	00400	PH (STANDARD UNITS)	01/15/71-12/02/80	9	132	
GWMP0475	No	00400	PH (STANDARD UNITS)	08/19/81-08/19/81	0	1	
GWMP0476	Yes	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00400	PH (STANDARD UNITS)	01/16/74-05/20/75	1	2	
GWMP0482	Yes	00400	PH (STANDARD UNITS)	01/08/73-01/15/73	0	4	
GWMP0485	Yes	00400	PH (STANDARD UNITS)	12/02/57-12/28/71	14	786	
GWMP0487	No	00400	PH (STANDARD UNITS)	01/22/71-12/02/80	9	140	
GWMP0490	No	00400	PH (STANDARD UNITS)	11/26/68-11/26/68	0	1	
GWMP0491	No	00400	PH (STANDARD UNITS)	01/22/71-12/02/80	9	123	
GWMP0492	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
GWMP0493	No	00400	PH (STANDARD UNITS)	01/05/72-08/13/86	14	100	
GWMP0494	No	00400	PH (STANDARD UNITS)	01/22/71-08/13/86	15	148	
GWMP0495	No	00400	PH (STANDARD UNITS)	01/22/71-11/30/71	0	41	
GWMP0496	No	00400	PH (STANDARD UNITS)	08/28/73-12/02/80	7	68	
GWMP0497	No	00400	PH (STANDARD UNITS)	01/22/71-12/02/80	9	127	
GWMP0498	No	00400	PH (STANDARD UNITS)	07/20/71-12/13/71	0	9	
GWMP0499	No	00400	PH (STANDARD UNITS)	01/21/71-08/13/86	15	146	
GWMP0017	No	00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	0	1	
GWMP0019	No	00403	PH, LAB, STANDARD UNITS SU	09/03/74-06/12/79	4	35	
GWMP0028	No	00403	PH, LAB, STANDARD UNITS SU	03/07/85-12/09/85	0	51	
GWMP0036	Yes	00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	20	151	
GWMP0038	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
GWMP0041	No	00403	PH, LAB, STANDARD UNITS SU	03/05/70-04/06/70	0	2	
GWMP0046	No	00403	PH, LAB, STANDARD UNITS SU	05/13/85-07/08/85	0	3	
GWMP0060	No	00403	PH, LAB, STANDARD UNITS SU	11/18/87-11/18/87	0	1	
GWMP0074	No	00403	PH, LAB, STANDARD UNITS SU	07/25/89-07/25/89	0	1	
GWMP0076	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
GWMP0097	Yes	00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	20	149	
GWMP0113	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	2	
GWMP0114	No	00403	PH, LAB, STANDARD UNITS SU	09/03/74-10/02/78	4	33	
GWMP0124	No	00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	0	1	
GWMP0131	No	00403	PH, LAB, STANDARD UNITS SU	09/19/74-09/19/74	0	1	
GWMP0133	No	00403	PH, LAB, STANDARD UNITS SU	01/23/89-01/23/89	0	1	
GWMP0147	No	00403	PH, LAB, STANDARD UNITS SU	01/23/89-01/23/89	0	1	
GWMP0151	No	00403	PH, LAB, STANDARD UNITS SU	01/25/83-06/01/87	4	19	
GWMP0155	No	00403	PH, LAB, STANDARD UNITS SU	09/19/74-11/29/89	15	4	
GWMP0161	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
GWMP0192	No	00403	PH, LAB, STANDARD UNITS SU	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	20	145	
GWMP0210	No	00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	0	1	
GWMP0218	No	00403	PH, LAB, STANDARD UNITS SU	09/19/74-07/06/87	12	17	
GWMP0219	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
GWMP0231	No	00403	PH, LAB, STANDARD UNITS SU	09/05/74-01/05/76	1	2	
GWMP0245	No	00403	PH, LAB, STANDARD UNITS SU	07/08/87-07/08/87	0	1	
GWMP0255	No	00403	PH, LAB, STANDARD UNITS SU	09/06/90-07/27/95	4	19	
GWMP0268	No	00403	PH, LAB, STANDARD UNITS SU	07/08/87-07/08/87	0	1	
GWMP0295	No	00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	0	1	
GWMP0298	No	00403	PH, LAB, STANDARD UNITS SU	09/05/74-06/24/80	5	3	
GWMP0335	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
GWMP0405	No	00403	PH, LAB, STANDARD UNITS SU	07/16/86-07/16/86	0	1	
GWMP0417	No	00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	13	152	
GWMP0418	No	00403	PH, LAB, STANDARD UNITS SU	09/27/90-10/19/95	5	19	
GWMP0422	No	00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	22	140	T,S
GWMP0429	No	00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	7	84	
GWMP0434	Yes	00403	PH, LAB, STANDARD UNITS SU	12/02/81-12/10/85	4	40	
GWMP0435	Yes	00403	PH, LAB, STANDARD UNITS SU	04/29/74-11/06/78	4	34	
GWMP0438	No	00403	PH, LAB, STANDARD UNITS SU	02/09/83-07/02/86	3	2	
GWMP0446	No	00403	PH, LAB, STANDARD UNITS SU	04/30/75-04/30/75	0	1	
GWMP0450	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	9	106	
GWMP0461	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	109	
GWMP0462	No	00403	PH, LAB, STANDARD UNITS SU	04/03/74-06/11/79	5	45	
GWMP0463	No	00403	PH, LAB, STANDARD UNITS SU	01/16/85-12/10/85	0	11	
GWMP0464	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	9	104	
GWMP0465	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	108	
GWMP0467	Yes	00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	22	140	T,S
GWMP0470	No	00403	PH, LAB, STANDARD UNITS SU	01/10/73-01/10/73	0	1	
GWMP0472	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	109	
GWMP0473	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	108	
GWMP0475	No	00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/19/81	0	1	
GWMP0484	No	00403	PH, LAB, STANDARD UNITS SU	03/25/86-04/09/86	0	2	
GWMP0486	No	00403	PH, LAB, STANDARD UNITS SU	03/25/86-04/09/86	0	2	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0487	No	00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	109	
GWMP0491	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	110	
GWMP0493	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	110	
GWMP0494	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	111	
GWMP0496	No	00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	7	71	
GWMP0497	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	108	
GWMP0499	No	00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	110	
GWMP0038	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-07/31/81	1	11	
GWMP0041	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	0	1	
GWMP0076	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-07/21/81	1	5	
GWMP0113	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/65-02/24/81	15	28	
GWMP0161	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	1	8	
GWMP0210	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	0	1	
GWMP0219	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	1	3	
GWMP0284	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/21/81-07/21/81	0	1	
GWMP0335	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-07/21/81	1	4	
GWMP0417	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	7	285	
GWMP0466	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/68-11/04/68	0	1	
GWMP0490	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/26/68-11/26/68	0	1	
GWMP0484	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/86-04/09/86	0	2	
GWMP0486	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/86-04/09/86	0	2	
GWMP0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
GWMP0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	9	360	
GWMP0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	20	151	
GWMP0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/79-08/07/80	0	3	
GWMP0041	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/70-04/06/70	0	2	
GWMP0045	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0046	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/85-07/08/85	0	3	
GWMP0060	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/87-11/18/87	0	1	
GWMP0074	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/89-07/25/89	0	1	
GWMP0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/79-08/07/80	0	3	
GWMP0077	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	6	69	
GWMP0081	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/83-11/15/83	0	1	
GWMP0095	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	20	149	
GWMP0113	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/65-08/07/80	14	13	
GWMP0118	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0124	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	0	1	
GWMP0126	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	6	71	
GWMP0131	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-09/19/74	0	1	
GWMP0133	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	0	1	
GWMP0146	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/69-08/05/77	8	2	
GWMP0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	0	1	
GWMP0149	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/05/69-08/30/77	8	3	
GWMP0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-12/14/83	0	2	
GWMP0151	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/25/83-06/01/87	4	19	
GWMP0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-11/29/89	15	4	
GWMP0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/29/79	0	2	
GWMP0192	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	4	19	
GWMP0194	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	6	70	
GWMP0203	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	6	77	
GWMP0204	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-12/14/83	0	3	
GWMP0207	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	20	144	
GWMP0210	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	0	1	
GWMP0214	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
GWMP0217	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/05/69-08/31/77	8	2	
GWMP0218	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-07/06/87	12	17	
GWMP0219	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	0	4	
GWMP0231	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/74-01/05/76	1	2	
GWMP0241	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	6	109	
GWMP0243	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	6	77	
GWMP0245	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	0	1	
GWMP0255	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	4	19	
GWMP0257	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/84-01/23/84	0	1	
GWMP0259	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/69-08/05/77	8	2	
GWMP0263	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	6	74	
GWMP0267	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-11/16/83	0	1	
GWMP0268	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	0	1	
GWMP0271	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	6	65	
GWMP0278	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	6	63	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0291	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	6	77	
GWMP0295	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
GWMP0297	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	6	106	
GWMP0298	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/74-06/24/80	5	3	
GWMP0300	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	6	120	
GWMP0313	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	6	123	
GWMP0322	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	6	69	
GWMP0327	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	6	52	
GWMP0330	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	6	67	
GWMP0332	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	5	250	
GWMP0334	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-11/16/83	0	2	
GWMP0335	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	0	2	
GWMP0348	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	6	58	
GWMP0359	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	6	108	
GWMP0379	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0380	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/13/83	0	3	
GWMP0386	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/69-08/04/77	8	2	
GWMP0398	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	6	69	
GWMP0399	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	6	77	
GWMP0404	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0405	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/16/86-07/16/86	0	1	
GWMP0407	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	6	74	
GWMP0408	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	6	62	
GWMP0410	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	6	72	
GWMP0411	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	6	77	
GWMP0417	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	20	392	
GWMP0418	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/90-10/19/95	5	19	
GWMP0420	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-02/13/90	6	6	
GWMP0422	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	22	140	T,S
GWMP0423	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0434	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	14	120	
GWMP0438	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/65-07/02/86	20	6	
GWMP0443	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0444	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/69-05/06/69	0	1	
GWMP0446	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/75-04/30/75	0	1	
GWMP0447	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/69-08/05/77	8	2	
GWMP0452	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0463	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	9	70	
GWMP0466	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/68-08/31/77	9	4	
GWMP0467	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	22	141	T,S
GWMP0470	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-01/10/73	0	1	
GWMP0471	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/77-08/29/77	0	1	
GWMP0480	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
GWMP0482	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/08/73-01/15/73	0	4	
GWMP0485	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	14	772	
GWMP0490	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/26/68-08/05/77	8	2	
GWMP0218	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/19/74-09/19/74	0	1	
GWMP0417	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	03/06/93-03/06/93	0	1	
GWMP0332	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/68-01/07/69	0	14	
GWMP0485	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/68-04/07/69	0	17	
GWMP0045	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	8	2	
GWMP0095	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	0	1	
GWMP0113	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/65-09/21/66	1	4	
GWMP0118	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	8	2	
GWMP0146	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/30/69-08/05/77	8	2	
GWMP0149	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/08/56-08/30/77	21	4	
GWMP0153	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-04/28/69	0	1	
GWMP0207	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-04/28/69	0	1	
GWMP0214	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	0	1	
GWMP0217	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/20/52-08/31/77	24	5	
GWMP0259	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/06/69-08/05/77	8	2	
GWMP0379	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	8	2	
GWMP0386	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/69-08/04/77	8	2	
GWMP0404	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	8	2	
GWMP0417	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	20	78	
GWMP0423	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	0	1	
GWMP0438	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/65-08/19/65	0	2	
GWMP0443	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	0	1	
GWMP0444	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/06/69-05/06/69	0	1	
GWMP0447	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/04/69-08/05/77	8	2	
GWMP0452	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/03/45-08/31/77	32	7	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0471	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/29/77-08/29/77	0	1	
GWMP0484	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/25/86-04/09/86	0	2	
GWMP0486	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/25/86-04/09/86	0	2	
GWMP0490	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/26/68-08/05/77	8	2	
GWMP0045	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0113	No	00445	CARBONATE ION (MG/L AS CO3)	09/21/66-09/21/66	0	1	
GWMP0118	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0146	No	00445	CARBONATE ION (MG/L AS CO3)	04/30/69-04/30/69	0	1	
GWMP0149	No	00445	CARBONATE ION (MG/L AS CO3)	02/05/69-04/30/69	0	2	
GWMP0153	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0207	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0217	No	00445	CARBONATE ION (MG/L AS CO3)	02/05/69-02/05/69	0	1	
GWMP0259	No	00445	CARBONATE ION (MG/L AS CO3)	05/06/69-05/06/69	0	1	
GWMP0379	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0386	No	00445	CARBONATE ION (MG/L AS CO3)	04/05/69-04/05/69	0	1	
GWMP0404	No	00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	0	1	
GWMP0417	No	00445	CARBONATE ION (MG/L AS CO3)	02/05/73-11/01/93	20	30	
GWMP0444	No	00445	CARBONATE ION (MG/L AS CO3)	05/06/69-05/06/69	0	1	
GWMP0447	No	00445	CARBONATE ION (MG/L AS CO3)	05/04/69-05/04/69	0	1	
GWMP0466	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/06/68-05/14/69	1	3	
GWMP0490	No	00445	CARBONATE ION (MG/L AS CO3)	11/26/68-11/26/68	0	1	
GWMP0417	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/14/87-05/14/87	0	1	
GWMP0417	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	03/02/87-03/06/93	6	6	
GWMP0417	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	07/09/91-06/09/94	2	9	
GWMP0417	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/10/87-07/08/94	6	38	
GWMP0009	No	00480	SALINITY - PARTS PER THOUSAND	02/25/70-06/10/70	0	2	
GWMP0019	No	00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	6	196	
GWMP0020	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	0	8	
GWMP0026	No	00480	SALINITY - PARTS PER THOUSAND	02/24/70-02/24/70	0	2	
GWMP0027	No	00480	SALINITY - PARTS PER THOUSAND	02/25/70-06/10/70	0	3	
GWMP0028	No	00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	8	536	
GWMP0062	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	0	8	
GWMP0078	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	0	9	
GWMP0114	No	00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	4	86	
GWMP0115	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	0	9	
GWMP0159	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	0	7	
GWMP0249	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	0	7	
GWMP0292	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	0	6	
GWMP0331	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/09/80	0	4	
GWMP0357	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	0	1	
GWMP0382	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	0	1	
GWMP0434	Yes	00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	8	64	
GWMP0435	Yes	00480	SALINITY - PARTS PER THOUSAND	09/15/69-09/18/79	10	45	
GWMP0462	No	00480	SALINITY - PARTS PER THOUSAND	04/03/74-11/06/78	4	26	
GWMP0463	No	00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	8	61	
GWMP0438	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	20	98	
GWMP0040	No	00500	RESIDUE, TOTAL (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00500	RESIDUE, TOTAL (MG/L)	03/05/70-04/06/70	0	2	
GWMP0073	No	00500	RESIDUE, TOTAL (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00500	RESIDUE, TOTAL (MG/L)	09/12/77-07/25/89	11	2	
GWMP0097	Yes	00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	20	95	
GWMP0124	No	00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	0	2	
GWMP0131	No	00500	RESIDUE, TOTAL (MG/L)	09/19/74-09/19/74	0	1	
GWMP0133	No	00500	RESIDUE, TOTAL (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00500	RESIDUE, TOTAL (MG/L)	01/23/89-01/23/89	0	1	
GWMP0151	No	00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/15/79	0	5	
GWMP0155	No	00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/29/89	15	3	
GWMP0192	No	00500	RESIDUE, TOTAL (MG/L)	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	21	127	S
GWMP0210	No	00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	0	2	
GWMP0218	No	00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/15/79	0	5	
GWMP0231	No	00500	RESIDUE, TOTAL (MG/L)	01/05/76-01/05/76	0	1	
GWMP0255	No	00500	RESIDUE, TOTAL (MG/L)	09/06/90-07/27/95	4	19	
GWMP0298	No	00500	RESIDUE, TOTAL (MG/L)	01/05/76-01/05/76	0	1	
GWMP0332	No	00500	RESIDUE, TOTAL (MG/L)	11/05/68-11/26/68	0	4	
GWMP0385	No	00500	RESIDUE, TOTAL (MG/L)	07/05/78-07/05/78	0	1	
GWMP0417	No	00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	8	92	
GWMP0418	No	00500	RESIDUE, TOTAL (MG/L)	09/27/90-10/19/95	5	19	
GWMP0422	No	00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	16	81	
GWMP0429	No	00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	5	54	
GWMP0434	Yes	00500	RESIDUE, TOTAL (MG/L)	04/08/80-04/15/82	2	21	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0442	No	00500	RESIDUE, TOTAL (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00500	RESIDUE, TOTAL (MG/L)	04/30/75-04/30/75	0	1	
GWMP0450	No	00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	4	53	
GWMP0451	No	00500	RESIDUE, TOTAL (MG/L)	12/08/83-03/08/84	0	2	
GWMP0453	No	00500	RESIDUE, TOTAL (MG/L)	12/08/83-03/08/84	0	2	
GWMP0461	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	54	
GWMP0464	No	00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	4	51	
GWMP0465	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0467	Yes	00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	16	81	
GWMP0472	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0473	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0482	Yes	00500	RESIDUE, TOTAL (MG/L)	01/10/73-01/10/73	0	1	
GWMP0485	Yes	00500	RESIDUE, TOTAL (MG/L)	10/01/61-03/02/70	8	58	
GWMP0487	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0491	No	00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	5	57	
GWMP0493	No	00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	5	56	
GWMP0494	No	00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	5	57	
GWMP0496	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0497	No	00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	4	56	
GWMP0499	No	00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	5	56	
GWMP0036	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	20	97	
GWMP0040	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/70-04/06/70	0	2	
GWMP0073	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/12/77-07/25/89	11	2	
GWMP0097	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	20	95	
GWMP0124	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	0	2	
GWMP0131	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-09/19/74	0	1	
GWMP0133	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0151	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/15/79	0	5	
GWMP0155	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/29/89	15	3	
GWMP0192	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	21	127	S
GWMP0210	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	0	2	
GWMP0218	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/15/79	0	5	
GWMP0231	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0255	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0298	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0385	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/05/78-07/05/78	0	1	
GWMP0418	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/27/90-10/19/95	5	19	
GWMP0422	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	16	80	
GWMP0442	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/75-04/30/75	0	1	
GWMP0467	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	16	81	
GWMP0036	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	20	98	
GWMP0040	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/05/70-04/06/70	0	2	
GWMP0073	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/12/77-07/25/89	11	2	
GWMP0097	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	20	95	
GWMP0124	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	0	2	
GWMP0131	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-09/19/74	0	1	
GWMP0133	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/23/89-01/23/89	0	1	
GWMP0151	No	00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/15/79	0	5	
GWMP0155	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/29/89	15	3	
GWMP0192	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	21	127	S
GWMP0210	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	0	2	
GWMP0218	No	00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/15/79	0	5	
GWMP0231	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/05/76-01/05/76	0	1	
GWMP0255	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/06/90-07/27/95	4	19	
GWMP0298	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/05/76-01/05/76	0	1	
GWMP0385	No	00510	RESIDUE, TOTAL FIXED (MG/L)	07/05/78-07/05/78	0	1	
GWMP0418	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/27/90-10/19/95	5	19	
GWMP0422	No	00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	16	82	
GWMP0442	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/75-04/30/75	0	1	
GWMP0467	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	16	81	
GWMP0028	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/85-12/09/85	0	51	
GWMP0332	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	5	243	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/28/74-12/20/77	3	8	
GWMP0434	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/08/80-12/10/85	5	63	
GWMP0463	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/16/85-12/10/85	0	11	
GWMP0485	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	14	642	
GWMP0019	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-06/01/81	6	43	
GWMP0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	8	311	
GWMP0036	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	20	230	A
GWMP0040	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	4	
GWMP0060	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/18/87-11/18/87	0	1	
GWMP0073	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/12/77-07/25/89	11	2	
GWMP0077	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	6	51	
GWMP0081	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	0	3	
GWMP0083	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/89-07/18/89	0	1	
GWMP0090	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	20	225	A
GWMP0114	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-10/02/78	4	27	
GWMP0124	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0126	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	6	53	
GWMP0131	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-07/18/89	14	2	
GWMP0133	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0150	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	0	3	
GWMP0151	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	7	78	
GWMP0155	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/29/89	15	5	
GWMP0192	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0194	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	6	53	
GWMP0203	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	6	60	
GWMP0204	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	21	225	T,A,S
GWMP0210	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0218	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	8	80	
GWMP0221	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
GWMP0231	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0241	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	6	79	
GWMP0243	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	6	59	
GWMP0245	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0255	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0263	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	6	58	
GWMP0267	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
GWMP0268	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0271	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	6	49	
GWMP0278	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	6	47	
GWMP0291	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	6	57	
GWMP0295	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
GWMP0297	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	6	74	
GWMP0298	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0300	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	6	92	
GWMP0313	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	6	95	
GWMP0322	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	6	53	
GWMP0327	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	6	41	
GWMP0330	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	6	50	
GWMP0332	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/63-01/07/69	5	73	
GWMP0334	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
GWMP0348	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	6	44	
GWMP0359	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	6	76	
GWMP0380	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
GWMP0385	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/78-07/05/78	0	1	
GWMP0398	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/10/90	6	52	
GWMP0399	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	6	59	
GWMP0405	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/16/86-07/16/86	0	1	
GWMP0407	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	6	58	
GWMP0408	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	6	50	
GWMP0410	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	6	60	
GWMP0411	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	6	60	
GWMP0417	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/74-12/20/77	3	8	
GWMP0418	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/27/90-10/19/95	5	19	
GWMP0420	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-12/20/83	0	3	
GWMP0422	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	16	172	
GWMP0429	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	8	64	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0435	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/69-06/03/81	11	49	
GWMP0442	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/75-04/30/75	0	1	
GWMP0451	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/83-11/07/84	1	14	
GWMP0453	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/83-11/07/84	1	14	
GWMP0461	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0462	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	7	66	
GWMP0463	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	8	60	
GWMP0465	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0467	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	16	172	
GWMP0485	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	11	169	
GWMP0493	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0494	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0499	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	0	1	
GWMP0036	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	20	231	A
GWMP0040	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	4	
GWMP0060	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/18/87-11/18/87	0	1	
GWMP0073	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/12/77-07/25/89	11	2	
GWMP0097	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	20	225	A
GWMP0124	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0131	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-09/19/74	0	1	
GWMP0133	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0151	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	7	77	
GWMP0155	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/29/89	15	5	
GWMP0192	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	21	225	T,A,S
GWMP0210	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0218	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	8	80	
GWMP0221	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
GWMP0231	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0245	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0255	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0268	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0295	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
GWMP0298	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0385	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/05/78-07/05/78	0	1	
GWMP0405	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/16/86-07/16/86	0	1	
GWMP0418	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/27/90-10/19/95	5	19	
GWMP0422	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	16	171	
GWMP0442	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/75-04/30/75	0	1	
GWMP0467	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	16	171	
GWMP0036	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	20	231	A
GWMP0040	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/08/95-09/18/95	0	8	
GWMP0041	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	4	
GWMP0060	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/18/87-11/18/87	0	1	
GWMP0073	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/21/78-06/20/79	0	6	
GWMP0074	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/12/77-07/25/89	11	2	
GWMP0097	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	20	225	A
GWMP0124	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0131	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-09/19/74	0	1	
GWMP0133	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0147	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/23/89-01/23/89	0	1	
GWMP0151	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	7	78	
GWMP0155	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/29/89	15	5	
GWMP0192	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0208	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	21	225	T,A,S
GWMP0210	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
GWMP0218	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	8	81	
GWMP0221	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
GWMP0231	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0245	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0255	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/06/90-07/27/95	4	19	
GWMP0268	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/08/87-07/08/87	0	1	
GWMP0295	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
GWMP0298	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GWMP0385	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/05/78-07/05/78	0	1	
GWMP0405	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/16/86-07/16/86	0	1	
GWMP0418	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/27/90-10/19/95	5	19	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0422	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	16	171	
GWMP0442	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/10/76-02/10/76	0	1	
GWMP0446	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/75-04/30/75	0	1	
GWMP0467	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	16	172	
GWMP0422	No	00545	RESIDUE, SETTLEABLE (ML/L)	09/14/83-09/14/83	0	1	
GWMP0221	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/30/72-01/30/72	0	1	
GWMP0060	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	11/18/87-11/18/87	0	1	
GWMP0245	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/08/87-07/08/87	0	1	
GWMP0268	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/08/87-07/08/87	0	1	
GWMP0451	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	03/17/83-01/12/84	0	7	
GWMP0453	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	03/17/83-01/12/84	0	7	
GWMP0451	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/13/83-10/18/85	2	13	
GWMP0453	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/13/83-10/18/85	2	13	
GWMP0417	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	04/20/73-08/05/80	7	19	
GWMP0417	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	04/20/73-08/05/80	7	20	
GWMP0028	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	9	351	
GWMP0038	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0076	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0084	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0113	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/25/79-07/23/80	0	3	
GWMP0149	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/13/80-08/01/80	0	3	
GWMP0157	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0261	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0335	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0417	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	7	148	
GWMP0434	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	14	125	
GWMP0463	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	9	70	
GWMP0038	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	4	78	
GWMP0076	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	4	74	
GWMP0084	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0113	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	4	596	
GWMP0149	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0157	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0161	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-09/28/83	4	61	
GWMP0178	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0217	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
GWMP0261	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0264	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0284	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	12	
GWMP0335	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	46	
GWMP0417	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/02/79-01/09/86	7	335	
GWMP0438	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0028	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/07/85-12/09/85	0	48	
GWMP0038	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	25	
GWMP0076	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	25	
GWMP0113	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/79-08/26/81	2	114	
GWMP0149	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/80-08/01/80	0	3	
GWMP0161	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/03/80-09/04/81	1	23	
GWMP0179	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/11/81-08/11/81	0	1	
GWMP0217	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	24	
GWMP0284	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/21/81-08/06/81	0	2	
GWMP0290	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/80-08/18/81	0	4	
GWMP0335	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/80-09/04/81	1	17	
GWMP0417	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	12	141	
GWMP0434	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/08/80-12/10/85	5	61	
GWMP0438	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0463	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/16/85-12/10/85	0	11	
GWMP0482	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0028	No	00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	3	217	
GWMP0028	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	3	220	
GWMP0038	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/29/79-09/25/81	2	70	
GWMP0076	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	2	54	
GWMP0084	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	42	
GWMP0113	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-09/22/81	2	408	
GWMP0149	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0157	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	0	42	
GWMP0161	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-09/04/81	2	54	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0178	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	53	
GWMP0217	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	2	57	
GWMP0261	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	18	
GWMP0264	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0284	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	12	
GWMP0335	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/09/79-09/04/81	2	39	
GWMP0417	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/19/79-01/09/86	6	230	
GWMP0438	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0020	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	23	
GWMP0028	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	9	357	
GWMP0038	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	4	78	
GWMP0062	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	23	
GWMP0076	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	4	66	
GWMP0077	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	68	
GWMP0078	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	46	
GWMP0084	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	42	
GWMP0113	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	4	426	
GWMP0115	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	27	
GWMP0126	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	72	
GWMP0149	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0157	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	0	42	
GWMP0159	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	23	
GWMP0161	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	61	
GWMP0178	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0194	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	71	
GWMP0203	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	6	65	
GWMP0204	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-11/15/83	0	2	
GWMP0217	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	66	
GWMP0241	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	112	
GWMP0243	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	6	77	
GWMP0249	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	23	
GWMP0261	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	18	
GWMP0263	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	2	5	
GWMP0264	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0271	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	55	
GWMP0278	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	52	
GWMP0284	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
GWMP0291	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	6	73	
GWMP0292	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	22	
GWMP0297	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	106	
GWMP0300	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	122	
GWMP0313	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	128	
GWMP0322	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	59	
GWMP0327	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	45	
GWMP0330	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	6	55	
GWMP0331	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	61	
GWMP0335	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	50	
GWMP0348	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	49	
GWMP0357	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	30	
GWMP0359	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	109	
GWMP0382	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	16	
GWMP0397	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	12	
GWMP0398	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	6	69	
GWMP0399	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	65	
GWMP0407	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	6	62	
GWMP0408	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	55	
GWMP0410	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	6	63	
GWMP0411	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	64	
GWMP0414	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	12	
GWMP0417	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	21	422	T,S
GWMP0429	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	14	125	
GWMP0438	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	6	4	
GWMP0455	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0461	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0463	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	9	71	
GWMP0465	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0477	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0482	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/09/73-01/24/80	7	2	
GWMP0493	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0494	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0499	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-12/01/76	2	15	
GWMP0008	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	0	30	
GWMP0017	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/72-06/20/79	7	44	
GWMP0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-06/01/81	6	70	
GWMP0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	7	97	
GWMP0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0022	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0024	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/06/77	3	16	
GWMP0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0036	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	21	228	T,A,S
GWMP0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	25	
GWMP0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/08/95-09/05/95	0	4	
GWMP0041	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/70-08/29/74	4	32	
GWMP0046	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-05/15/79	4	27	
GWMP0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/18/87-11/18/87	0	1	
GWMP0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	7	97	
GWMP0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	0	27	
GWMP0068	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	0	31	
GWMP0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/78-06/20/79	0	6	
GWMP0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/12/77-07/25/89	11	2	
GWMP0076	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	25	
GWMP0083	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0090	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	227	T,A,S
GWMP0113	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/79-08/26/81	2	114	
GWMP0114	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-10/02/78	4	49	
GWMP0115	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	7	100	
GWMP0120	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	0	25	
GWMP0124	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0130	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	0	7	
GWMP0131	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/18/89	14	2	
GWMP0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	30	
GWMP0133	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0147	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0149	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/80-08/01/80	0	3	
GWMP0151	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	12	127	
GWMP0155	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/29/89	15	5	
GWMP0159	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	7	85	
GWMP0161	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/80-09/04/81	1	23	
GWMP0177	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/26/69	0	28	
GWMP0179	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/81-08/11/81	0	1	
GWMP0182	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	0	6	
GWMP0192	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/90-07/27/95	4	20	
GWMP0196	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	0	26	
GWMP0208	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	220	T,A,S
GWMP0210	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0211	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	0	30	
GWMP0213	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	0	7	
GWMP0217	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0218	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	12	107	
GWMP0219	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	24	
GWMP0221	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0231	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/05/74-01/05/76	1	2	
GWMP0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0248	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/70-05/13/70	0	1	
GWMP0249	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	84	
GWMP0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	0	4	
GWMP0255	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-07/27/95	20	43	
GWMP0256	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	2	14	
GWMP0268	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0279	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0280	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	2	12	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0281	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/81-08/06/81	0	2	
GWMP0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	32	
GWMP0290	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/80-08/18/81	0	5	
GWMP0292	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	83	
GWMP0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	7	45	
GWMP0298	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/05/74-06/24/80	5	3	
GWMP0308	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	24	
GWMP0309	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0310	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0328	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	16	
GWMP0331	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/71-06/23/76	5	54	
GWMP0332	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-11/16/65	2	113	
GWMP0333	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0335	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/80-09/04/81	1	17	
GWMP0346	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	0	15	
GWMP0357	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	71	
GWMP0361	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	0	22	
GWMP0369	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0374	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
GWMP0376	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0381	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	2	11	
GWMP0385	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/78-07/05/78	0	1	
GWMP0387	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	2	10	
GWMP0405	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/16/86-07/16/86	0	1	
GWMP0406	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0413	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-07/12/77	3	16	
GWMP0415	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0417	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	18	187	
GWMP0418	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/90-10/19/95	5	19	
GWMP0422	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	23	224	T,S
GWMP0435	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/74-06/03/81	7	47	
GWMP0436	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/22/76	2	17	
GWMP0438	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0441	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/11/74-06/11/79	4	25	
GWMP0442	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/10/76-02/10/76	0	1	
GWMP0446	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/75-04/30/75	0	1	
GWMP0454	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0455	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/28/74-06/06/77	3	17	
GWMP0457	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0458	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0462	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/74-06/03/81	7	61	
GWMP0467	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	23	238	T,A,S
GWMP0468	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0470	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-06/11/79	6	49	
GWMP0476	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/06/77	3	18	
GWMP0478	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	0	15	
GWMP0480	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/17/69-09/09/70	1	134	
GWMP0481	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
GWMP0482	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0485	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	7	387	
GWMP0488	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-07/05/77	2	5	
GWMP0492	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0417	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/01/76-09/01/76	0	1	
GWMP0020	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	26	
GWMP0028	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	8	303	
GWMP0038	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	4	77	
GWMP0045	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0062	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	26	
GWMP0076	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	4	69	
GWMP0077	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	69	
GWMP0078	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	48	
GWMP0084	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0095	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0113	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	4	427	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0115	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	29	
GWMP0118	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0126	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	72	
GWMP0146	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0149	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/30/77-07/22/80	2	2	
GWMP0157	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0159	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0161	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	60	
GWMP0178	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0194	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	71	
GWMP0203	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	6	78	
GWMP0204	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-12/14/83	0	3	
GWMP0214	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0217	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/06/79	1	2	
GWMP0219	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
GWMP0241	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	111	
GWMP0243	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	6	78	
GWMP0249	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0259	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0261	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0263	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	2	5	
GWMP0264	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0271	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	67	
GWMP0278	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	64	
GWMP0284	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
GWMP0291	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	6	75	
GWMP0292	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	24	
GWMP0297	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	107	
GWMP0300	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	124	
GWMP0313	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	129	
GWMP0322	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	71	
GWMP0327	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	53	
GWMP0330	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	6	67	
GWMP0331	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	64	
GWMP0335	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	49	
GWMP0348	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	58	
GWMP0357	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	33	
GWMP0359	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	110	
GWMP0379	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0382	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	21	
GWMP0386	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0397	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	15	
GWMP0398	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	6	70	
GWMP0399	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	77	
GWMP0404	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0407	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	6	75	
GWMP0408	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	64	
GWMP0410	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	6	75	
GWMP0411	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	78	
GWMP0414	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	12	
GWMP0417	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	21	376	T,S
GWMP0423	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0434	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	8	62	
GWMP0438	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	6	3	
GWMP0443	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0447	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0452	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0455	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0463	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	8	58	
GWMP0466	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/31/77	0	1	
GWMP0471	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/29/77-08/29/77	0	1	
GWMP0477	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0482	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0490	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0036	Yes	00614	NITRITE NITROGEN, TOTAL, 30 DAY, (MG/L AS N)	03/10/92-03/10/92	0	1	
GWMP0017	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/72-06/20/79	7	44	
GWMP0019	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	6	59	
GWMP0028	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/09/85	0	48	
GWMP0036	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	229	T,A,S
GWMP0038	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-07/23/80	0	3	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0040	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/08/95-09/05/95	0	4	
GWMP0041	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/05/70-08/29/74	4	33	
GWMP0046	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-05/15/79	4	27	
GWMP0060	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/87-11/18/87	0	1	
GWMP0073	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/78-06/20/79	0	6	
GWMP0074	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/77-07/25/89	11	2	
GWMP0076	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-07/23/80	0	3	
GWMP0083	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0090	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	228	T,A,S
GWMP0113	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/01/79-07/23/80	0	72	
GWMP0114	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-10/02/78	4	38	
GWMP0124	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0131	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/18/89	14	2	
GWMP0132	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	30	
GWMP0133	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0147	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0151	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	12	127	
GWMP0155	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/29/89	15	5	
GWMP0192	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/90-07/27/95	4	20	
GWMP0208	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	223	T,A,S
GWMP0210	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0217	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0218	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	12	107	
GWMP0219	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-10/06/79	0	2	
GWMP0221	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0231	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/05/74-01/05/76	1	2	
GWMP0245	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0255	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	20	43	
GWMP0268	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0295	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	7	45	
GWMP0298	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/05/74-06/24/80	5	3	
GWMP0335	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0355	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	0	30	
GWMP0385	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/05/78-07/05/78	0	1	
GWMP0389	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	0	2	
GWMP0400	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	0	2	
GWMP0403	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/12/71	0	32	
GWMP0405	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/86	0	1	
GWMP0417	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/26/74-11/18/92	18	130	
GWMP0418	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/27/90-10/19/95	5	19	
GWMP0419	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
GWMP0421	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
GWMP0422	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	23	223	T,S
GWMP0424	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
GWMP0427	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	0	31	
GWMP0430	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
GWMP0433	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
GWMP0434	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/10/85	5	63	
GWMP0435	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	11	47	
GWMP0438	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0441	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/11/74-06/11/79	4	25	
GWMP0442	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/10/76-02/10/76	0	1	
GWMP0446	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/75-04/30/75	0	1	
GWMP0462	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	7	61	
GWMP0463	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/10/85	0	11	
GWMP0467	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	23	242	T,A,S
GWMP0470	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-06/11/79	6	49	
GWMP0482	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0020	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0028	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	8	301	
GWMP0038	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	4	77	
GWMP0045	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0062	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	26	
GWMP0076	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	4	69	
GWMP0077	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	69	
GWMP0078	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	48	
GWMP0084	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0095	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0113	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	18	430	
GWMP0115	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	29	
GWMP0118	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0126	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	72	
GWMP0146	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0149	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/30/77-07/22/80	2	2	
GWMP0157	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/22/80	1	44	
GWMP0159	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0161	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	61	
GWMP0178	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0194	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	6	71	
GWMP0203	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	6	78	
GWMP0204	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-12/14/83	0	3	
GWMP0214	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0217	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/06/79	1	2	
GWMP0219	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
GWMP0241	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	111	
GWMP0243	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	6	78	
GWMP0249	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0259	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0261	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0263	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	2	5	
GWMP0264	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0271	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	67	
GWMP0278	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	6	64	
GWMP0284	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	11	
GWMP0291	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	6	75	
GWMP0292	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	24	
GWMP0297	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	107	
GWMP0300	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	124	
GWMP0313	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	6	129	
GWMP0322	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	71	
GWMP0327	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	6	53	
GWMP0330	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	6	67	
GWMP0331	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	64	
GWMP0335	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	48	
GWMP0348	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	58	
GWMP0357	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	34	
GWMP0359	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	110	
GWMP0379	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0382	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	21	
GWMP0386	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0397	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	15	
GWMP0398	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	6	70	
GWMP0399	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	76	
GWMP0404	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0407	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	6	73	
GWMP0408	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	64	
GWMP0410	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	6	75	
GWMP0411	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	6	77	
GWMP0414	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	12	
GWMP0417	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	12	257	
GWMP0423	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0434	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	8	62	
GWMP0438	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0443	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0447	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0452	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0455	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0463	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	8	58	
GWMP0466	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/31/77	0	1	
GWMP0471	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/29/77-08/29/77	0	1	
GWMP0477	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	11	
GWMP0482	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0490	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0017	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/72-07/13/77	5	35	
GWMP0019	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	6	59	
GWMP0028	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/09/85	0	51	
GWMP0036	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	202	T,S
GWMP0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0040	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/95-09/05/95	0	4	
GWMP0041	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/70-08/29/74	4	33	
GWMP0046	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-09/22/76	2	12	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0060	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/18/87-11/18/87	0	1	
GWMP0074	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/12/77-07/25/89	11	2	
GWMP0076	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0083	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0090	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	200	T,S
GWMP0113	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/25/79-07/23/80	0	3	
GWMP0114	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-10/02/78	4	38	
GWMP0124	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0131	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/18/89	14	2	
GWMP0132	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	30	
GWMP0133	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0147	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0151	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	12	99	
GWMP0155	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/29/89	15	5	
GWMP0192	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/90-07/27/95	4	20	
GWMP0208	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	21	195	T,S
GWMP0210	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0218	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	12	93	
GWMP0221	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	31	
GWMP0231	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/74-01/05/76	1	2	
GWMP0245	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0255	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	20	29	
GWMP0268	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0295	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/72-07/13/77	5	36	
GWMP0298	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/74-06/24/80	5	3	
GWMP0335	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0385	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/78-07/05/78	0	1	
GWMP0405	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/86	0	1	
GWMP0417	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/01/81	7	76	
GWMP0418	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/90-10/19/95	5	19	
GWMP0422	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	23	210	T,S
GWMP0429	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/10/85	5	63	
GWMP0435	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	11	47	
GWMP0441	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/11/74-04/19/78	3	12	
GWMP0442	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/10/76-02/10/76	0	1	
GWMP0446	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/75-04/30/75	0	1	
GWMP0461	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0462	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	7	61	
GWMP0463	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/10/85	0	11	
GWMP0465	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0467	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	23	217	T,S
GWMP0470	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-04/19/78	5	35	
GWMP0493	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0494	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0499	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0020	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	26	
GWMP0025	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	0	21	
GWMP0028	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	3	224	
GWMP0038	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	4	78	
GWMP0061	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	0	20	
GWMP0062	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
GWMP0076	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	4	73	
GWMP0078	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	40	
GWMP0084	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0113	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	5	680	
GWMP0115	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	31	
GWMP0122	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	0	20	
GWMP0149	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0157	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0159	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	26	
GWMP0161	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-09/28/83	4	61	
GWMP0178	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0217	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
GWMP0247	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/25/69-02/10/70	0	20	
GWMP0249	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	18	
GWMP0261	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0264	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0284	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0290	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
GWMP0292	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	25	
GWMP0331	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	57	
GWMP0335	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	47	
GWMP0357	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	9	30	
GWMP0382	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	14	
GWMP0397	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/80-09/16/81	1	13	
GWMP0414	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	9	
GWMP0417	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	16	576	
GWMP0438	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	6	3	
GWMP0455	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	8	
GWMP0477	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	0	8	
GWMP0480	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/03/69-04/20/70	1	61	
GWMP0482	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0038	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/29/79-10/14/83	4	74	
GWMP0076	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	4	73	
GWMP0084	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0113	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	5	624	
GWMP0149	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0157	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0161	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-09/28/83	4	61	
GWMP0178	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0217	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0219	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/24/79-09/28/83	4	65	
GWMP0261	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0264	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0284	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/21/80-09/22/81	0	12	
GWMP0335	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/09/79-09/28/83	4	46	
GWMP0417	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	8	509	
GWMP0438	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	0	3	
GWMP0005	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/15/68	0	2	
GWMP0006	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-12/01/76	2	15	
GWMP0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	0	3	
GWMP0008	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0017	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/26/72-06/20/79	7	44	
GWMP0019	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-06/01/81	6	70	
GWMP0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	123	
GWMP0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0022	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	0	3	
GWMP0024	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-07/05/77	3	17	
GWMP0025	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	1	46	
GWMP0026	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0027	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	9	353	
GWMP0035	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	0	3	
GWMP0036	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	21	229	T,A,S
GWMP0038	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/79-10/14/83	4	75	
GWMP0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/08/95-09/05/95	0	4	
GWMP0041	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/70-08/29/74	4	33	
GWMP0046	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-05/15/79	4	27	
GWMP0060	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/18/87-11/18/87	0	1	
GWMP0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	1	47	
GWMP0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	124	
GWMP0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/21/78-06/20/79	0	6	
GWMP0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/12/77-07/25/89	11	2	
GWMP0076	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	4	74	
GWMP0077	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	6	47	
GWMP0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/79-09/15/81	2	45	
GWMP0081	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	0	3	
GWMP0083	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0084	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0090	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	21	227	T,A,S
GWMP0113	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	5	661	
GWMP0114	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-10/02/78	4	49	
GWMP0115	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	129	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0122	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	1	47	
GWMP0124	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	31	
GWMP0126	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	6	49	
GWMP0130	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	0	7	
GWMP0131	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/18/89	14	2	
GWMP0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	30	
GWMP0133	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0147	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/23/89-01/23/89	0	1	
GWMP0149	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/80-08/01/80	0	4	
GWMP0150	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	0	3	
GWMP0151	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	12	125	
GWMP0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/29/89	15	5	
GWMP0157	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0159	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	111	
GWMP0161	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-09/28/83	4	62	
GWMP0178	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0182	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	0	6	
GWMP0192	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/90-07/27/95	4	20	
GWMP0194	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	6	49	
GWMP0203	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	6	67	
GWMP0204	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	21	219	T,A,S
GWMP0210	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0213	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	0	7	
GWMP0217	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/79-08/06/79	0	1	
GWMP0218	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	12	105	
GWMP0219	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-09/28/83	4	66	
GWMP0221	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	32	
GWMP0231	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-01/05/76	1	2	
GWMP0241	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6	75	
GWMP0243	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	6	57	
GWMP0245	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0247	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	1	49	
GWMP0249	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	109	
GWMP0251	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	0	4	
GWMP0255	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-07/27/95	20	43	
GWMP0256	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	2	14	
GWMP0261	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0263	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	6	56	
GWMP0264	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0267	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	0	3	
GWMP0268	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/08/87-07/08/87	0	1	
GWMP0271	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	6	57	
GWMP0278	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	6	54	
GWMP0279	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0280	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	2	12	
GWMP0281	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0284	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/80-09/22/81	0	13	
GWMP0291	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	6	57	
GWMP0292	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	107	
GWMP0295	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	7	45	
GWMP0297	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6	70	
GWMP0298	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-06/24/80	5	3	
GWMP0300	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	6	91	
GWMP0309	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0310	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0313	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	6	95	
GWMP0322	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	6	62	
GWMP0327	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	6	46	
GWMP0330	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	6	55	
GWMP0331	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	10	116	
GWMP0333	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0334	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	0	3	
GWMP0335	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-09/28/83	4	48	
GWMP0348	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	49	
GWMP0357	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	104	
GWMP0359	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6	72	
GWMP0369	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0374	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-12/02/76	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0376	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0380	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/83-12/13/83	0	2	
GWMP0381	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	7	32	
GWMP0385	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/05/78-07/05/78	0	1	
GWMP0387	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	7	24	
GWMP0398	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/10/90	6	48	
GWMP0399	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	65	
GWMP0405	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-07/16/86	0	1	
GWMP0406	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0407	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	6	62	
GWMP0408	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	53	
GWMP0410	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	6	66	
GWMP0411	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	65	
GWMP0413	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-10/09/79	5	28	
GWMP0415	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0417	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	21	707	T,S
GWMP0418	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/27/90-10/19/95	5	19	
GWMP0420	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/20/83	0	3	
GWMP0422	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	23	223	T,S
GWMP0429	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	14	124	
GWMP0435	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/74-06/03/81	7	46	
GWMP0436	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-11/01/77	3	18	
GWMP0438	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-07/02/86	6	4	
GWMP0441	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/74-06/11/79	4	25	
GWMP0442	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/10/76-02/10/76	0	1	
GWMP0446	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/75-04/30/75	0	1	
GWMP0454	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0455	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/28/74-10/09/79	5	29	
GWMP0457	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0458	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0461	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0462	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/74-06/03/81	7	57	
GWMP0463	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	9	71	
GWMP0465	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0467	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	23	240	T,A,S
GWMP0468	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0470	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-06/11/79	6	49	
GWMP0476	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-10/09/79	5	30	
GWMP0478	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-12/01/69	0	15	
GWMP0480	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/69-09/09/70	1	133	
GWMP0481	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
GWMP0482	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0488	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-07/05/77	2	5	
GWMP0492	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0493	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0494	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0499	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	0	1	
GWMP0417	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	0	4	
GWMP0005	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	0	4	
GWMP0006	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/01/76	2	15	
GWMP0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	0	4	
GWMP0008	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	0	6	
GWMP0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	0	29	
GWMP0017	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	1	9	
GWMP0020	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	7	96	
GWMP0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0022	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0023	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	0	4	
GWMP0024	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-06/06/77	3	16	
GWMP0025	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	1	50	
GWMP0026	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/24/70-03/23/70	0	4	
GWMP0027	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	0	7	
GWMP0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	8	310	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0035	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	0	4	
GWMP0036	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	26	
GWMP0038	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/76-05/15/79	2	15	
GWMP0061	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	1	52	
GWMP0062	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	7	99	
GWMP0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	0	26	
GWMP0068	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	0	30	
GWMP0073	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/78-06/20/79	0	6	
GWMP0076	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0084	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0097	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	28	
GWMP0113	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/79-07/23/80	0	3	
GWMP0115	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	7	99	
GWMP0120	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	0	24	
GWMP0122	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	1	51	
GWMP0130	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/69-11/04/69	0	6	
GWMP0149	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/80-08/01/80	0	3	
GWMP0151	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	28	
GWMP0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0159	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	7	86	
GWMP0177	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/26/69	0	27	
GWMP0182	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	0	6	
GWMP0196	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	0	25	
GWMP0208	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	26	
GWMP0211	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	0	30	
GWMP0213	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	0	7	
GWMP0218	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/76-05/23/79	2	14	
GWMP0247	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	1	53	
GWMP0248	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/70-05/13/70	0	1	
GWMP0249	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	7	85	
GWMP0251	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	0	4	
GWMP0255	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	14	
GWMP0256	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	2	14	
GWMP0261	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	0	1	
GWMP0279	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0280	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	2	12	
GWMP0281	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	5	
GWMP0286	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	31	
GWMP0292	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	6	84	
GWMP0295	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	1	9	
GWMP0308	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	23	
GWMP0309	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0310	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	6	
GWMP0328	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	15	
GWMP0331	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/71-12/02/76	5	55	
GWMP0332	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-01/07/69	4	44	
GWMP0333	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0335	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	0	1	
GWMP0346	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	0	14	
GWMP0357	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	6	71	
GWMP0361	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	0	21	
GWMP0369	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0374	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-12/02/76	0	2	
GWMP0376	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0381	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	2	12	
GWMP0387	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	2	11	
GWMP0406	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0413	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	3	17	
GWMP0415	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0417	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	18	167	
GWMP0422	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/10/79	2	13	
GWMP0429	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	7	84	
GWMP0434	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	8	63	
GWMP0436	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	3	17	
GWMP0441	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	13	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0450	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	9	106	
GWMP0454	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0455	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/28/74-11/01/77	3	18	
GWMP0457	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0458	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0461	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	109	
GWMP0463	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	8	60	
GWMP0464	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	9	104	
GWMP0465	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	108	
GWMP0467	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	25	
GWMP0468	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0470	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	14	
GWMP0472	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	109	
GWMP0473	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	108	
GWMP0476	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	3	20	
GWMP0478	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/69-12/01/69	0	14	
GWMP0480	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/17/69-09/09/70	1	133	
GWMP0481	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
GWMP0485	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-01/05/70	5	43	
GWMP0487	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	109	
GWMP0488	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-07/05/77	2	5	
GWMP0491	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	110	
GWMP0492	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
GWMP0493	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	110	
GWMP0494	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	111	
GWMP0496	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	7	71	
GWMP0497	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	108	
GWMP0499	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	110	
GWMP0038	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/79-10/14/83	4	79	
GWMP0045	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0076	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	4	74	
GWMP0084	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	0	43	
GWMP0095	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0113	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	5	671	
GWMP0118	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0146	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0149	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/77-08/01/80	2	5	
GWMP0157	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/19/79-05/24/79	0	43	
GWMP0161	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-09/28/83	4	62	
GWMP0178	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/81-08/13/81	0	32	
GWMP0179	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/81-08/13/81	0	54	
GWMP0214	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0217	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/77-08/06/79	1	2	
GWMP0219	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-09/28/83	4	66	
GWMP0259	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0261	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	0	19	
GWMP0264	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/26/79-07/26/79	0	15	
GWMP0284	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/81-08/26/81	0	4	
GWMP0290	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/80-09/22/81	0	13	
GWMP0335	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/79-09/28/83	4	49	
GWMP0379	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0386	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0404	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
GWMP0417	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	21	640	T,S
GWMP0423	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0438	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/24/80-07/02/86	6	4	
GWMP0443	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0447	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0452	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/77-08/31/77	0	1	
GWMP0471	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/77-08/29/77	0	1	
GWMP0482	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/24/80-01/24/80	0	1	
GWMP0490	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	0	1	
GWMP0084	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	0	1	
GWMP0261	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	0	1	
GWMP0417	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/19/73-09/01/76	3	2	
GWMP0332	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-01/07/69	4	41	
GWMP0485	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	5	46	
GWMP0332	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-08/02/66	1	13	
GWMP0485	Yes	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-09/05/66	1	13	
GWMP0006	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/01/76	2	15	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0008	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/25/70-07/09/70	0	6	
GWMP0020	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	9	108	
GWMP0021	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/24/70-03/23/70	0	4	
GWMP0022	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/25/70-07/09/70	0	7	
GWMP0024	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-07/05/77	3	17	
GWMP0025	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	1	49	
GWMP0038	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	0	1	
GWMP0045	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0061	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	1	50	
GWMP0062	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	9	107	
GWMP0076	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	0	1	
GWMP0078	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/03/79-10/09/79	0	12	
GWMP0113	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/19/65-07/23/80	14	6	
GWMP0115	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	112	
GWMP0118	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0122	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	1	50	
GWMP0146	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/30/69-04/30/69	0	1	
GWMP0149	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/05/69-04/30/69	0	2	
GWMP0153	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0159	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	98	
GWMP0207	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0217	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/05/69-02/05/69	0	1	
GWMP0247	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	1	49	
GWMP0248	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/13/70-05/13/70	0	1	
GWMP0249	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	97	
GWMP0256	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	2	14	
GWMP0259	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/06/69-05/06/69	0	1	
GWMP0280	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	2	12	
GWMP0281	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	0	5	
GWMP0292	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	97	
GWMP0309	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	0	6	
GWMP0331	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	8	99	
GWMP0332	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-01/07/69	0	14	
GWMP0335	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	0	1	
GWMP0357	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	83	
GWMP0374	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/23/76-12/02/76	0	2	
GWMP0379	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0382	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-10/09/79	5	24	
GWMP0386	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/05/69-04/05/69	0	1	
GWMP0397	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/02/76	2	11	
GWMP0404	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	0	1	
GWMP0414	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-10/09/79	5	29	
GWMP0417	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/73-01/27/81	8	99	
GWMP0429	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	7	77	
GWMP0437	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-11/01/77	3	18	
GWMP0438	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/09/65-08/19/65	0	2	
GWMP0444	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/06/69-05/06/69	0	1	
GWMP0447	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/04/69-05/04/69	0	1	
GWMP0450	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	100	
GWMP0455	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/28/74-10/09/79	5	29	
GWMP0461	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	102	
GWMP0464	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	97	
GWMP0465	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	101	
GWMP0466	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/06/68-05/14/69	1	2	
GWMP0472	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	102	
GWMP0473	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	101	
GWMP0477	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-10/09/79	5	31	
GWMP0480	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/17/69-09/09/70	1	133	
GWMP0482	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/10/73-01/10/73	0	1	
GWMP0485	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	3	123	
GWMP0487	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	102	
GWMP0488	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/15/75-07/05/77	2	5	
GWMP0491	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	103	
GWMP0493	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	103	
GWMP0494	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	104	
GWMP0496	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/73-05/29/80	6	64	
GWMP0497	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	101	
GWMP0499	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	103	
GWMP0020	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-09/25/79	2	12	
GWMP0025	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	0	21	
GWMP0061	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	0	21	
GWMP0062	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-09/25/79	2	12	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0078	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	0	7	
GWMP0115	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	13	
GWMP0122	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	0	21	
GWMP0159	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	13	
GWMP0247	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/25/69-02/10/70	0	22	
GWMP0249	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	7	
GWMP0292	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	12	
GWMP0331	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	0	38	
GWMP0332	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	5	238	
GWMP0357	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	7	
GWMP0382	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	0	6	
GWMP0414	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/12/77-10/09/79	2	11	
GWMP0455	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/01/79-10/09/79	0	9	
GWMP0477	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/79-10/09/79	0	8	
GWMP0480	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/24/69-08/12/70	1	84	
GWMP0485	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	8	387	
GWMP0006	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/01/76	2	15	
GWMP0008	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	0	6	
GWMP0009	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	0	6	
GWMP0013	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	0	86	
GWMP0020	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	7	96	
GWMP0021	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/70-03/23/70	0	4	
GWMP0022	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	0	7	
GWMP0024	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-07/05/77	3	17	
GWMP0025	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	1	33	
GWMP0026	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/70-03/23/70	0	4	
GWMP0027	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	0	7	
GWMP0028	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	9	361	
GWMP0045	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0061	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	1	31	
GWMP0062	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	7	99	
GWMP0064	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	0	70	
GWMP0068	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	0	87	
GWMP0095	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0113	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-06/02/80	0	2	
GWMP0115	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	7	99	
GWMP0118	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0120	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	0	59	
GWMP0122	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	1	34	
GWMP0130	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	0	7	
GWMP0146	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0149	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/30/77-08/30/77	0	1	
GWMP0159	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	7	86	
GWMP0177	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	0	76	
GWMP0182	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	0	6	
GWMP0196	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	0	64	
GWMP0211	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	0	78	
GWMP0213	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	0	7	
GWMP0214	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0217	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
GWMP0247	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/69-03/23/70	1	33	
GWMP0248	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/70-05/13/70	0	1	
GWMP0249	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	85	
GWMP0251	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	0	3	
GWMP0256	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	2	14	
GWMP0259	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0279	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	4	
GWMP0280	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	2	12	
GWMP0281	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	4	
GWMP0286	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	81	
GWMP0292	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	84	
GWMP0308	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	39	
GWMP0309	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	5	
GWMP0310	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	5	
GWMP0328	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	16	
GWMP0331	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/71-12/02/76	5	55	
GWMP0333	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0346	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	0	15	
GWMP0357	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	72	
GWMP0361	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	0	38	
GWMP0369	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0374	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/76-12/02/76	0	2	
GWMP0376	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0379	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0381	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	2	12	
GWMP0386	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0387	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	2	11	
GWMP0404	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	0	1	
GWMP0406	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0413	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	3	17	
GWMP0415	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0417	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/78-02/09/83	4	99	
GWMP0423	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0434	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	14	124	
GWMP0436	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	3	18	
GWMP0443	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0447	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0452	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0454	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0455	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/28/74-11/01/77	3	19	
GWMP0457	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0458	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0463	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	9	71	
GWMP0466	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
GWMP0468	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0471	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/77-08/29/77	0	1	
GWMP0476	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	3	20	
GWMP0478	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	0	15	
GWMP0480	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/69-09/09/70	1	107	
GWMP0488	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/75-07/05/77	2	5	
GWMP0490	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	0	1	
GWMP0492	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
GWMP0019	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-06/01/81	6	71	
GWMP0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	16	
GWMP0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	9	354	
GWMP0036	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	16	180	
GWMP0038	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/79-10/14/83	4	76	
GWMP0040	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/08/95-09/05/95	0	4	
GWMP0060	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/18/87-11/18/87	0	1	
GWMP0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	16	
GWMP0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/12/77-07/25/89	11	2	
GWMP0076	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	4	73	
GWMP0077	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	6	45	
GWMP0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	37	
GWMP0081	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0083	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/89-07/18/89	0	1	
GWMP0084	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	0	43	
GWMP0090	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	16	179	
GWMP0113	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	5	660	
GWMP0114	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-10/02/78	4	50	
GWMP0115	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	18	
GWMP0126	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	6	46	
GWMP0131	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/74-07/18/89	14	2	
GWMP0133	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/89-01/23/89	0	1	
GWMP0147	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/89-01/23/89	0	1	
GWMP0149	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/80-08/01/80	0	4	
GWMP0150	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0151	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	7	76	
GWMP0155	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/74-11/29/89	15	5	
GWMP0157	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/19/79-05/24/79	0	43	
GWMP0159	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	14	
GWMP0161	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-09/28/83	4	62	
GWMP0178	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/81-08/13/81	0	32	
GWMP0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/81-08/13/81	0	54	
GWMP0192	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/90-07/27/95	4	20	
GWMP0194	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	6	46	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0203	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	6	56	
GWMP0204	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	16	175	
GWMP0217	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/79-08/06/79	0	1	
GWMP0218	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	8	79	
GWMP0219	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/79-09/28/83	4	66	
GWMP0231	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/74-01/05/76	1	2	
GWMP0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	71	
GWMP0243	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	6	55	
GWMP0245	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/87-07/08/87	0	1	
GWMP0249	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	14	
GWMP0255	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/90-07/27/95	4	19	
GWMP0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	0	19	
GWMP0263	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	6	55	
GWMP0264	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/79-07/26/79	0	15	
GWMP0267	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0268	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/87-07/08/87	0	1	
GWMP0271	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	6	44	
GWMP0278	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	6	41	
GWMP0284	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/81-08/26/81	0	4	
GWMP0290	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/80-09/22/81	0	13	
GWMP0291	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	6	56	
GWMP0292	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	13	
GWMP0297	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	66	
GWMP0298	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/74-06/24/80	5	3	
GWMP0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	6	88	
GWMP0313	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	6	93	
GWMP0322	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	6	50	
GWMP0327	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	6	38	
GWMP0330	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-09/18/90	6	43	
GWMP0331	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	19	
GWMP0332	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-01/07/69	4	42	
GWMP0334	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0335	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-09/28/83	4	48	
GWMP0348	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	6	41	
GWMP0357	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/16/81	1	24	
GWMP0359	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	67	
GWMP0380	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0382	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	8	
GWMP0385	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/78-07/05/78	0	1	
GWMP0397	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/80-09/16/81	1	15	
GWMP0398	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/10/90	6	45	
GWMP0399	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	6	52	
GWMP0405	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-07/16/86	0	1	
GWMP0407	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-09/18/90	6	51	
GWMP0408	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	6	44	
GWMP0410	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	6	52	
GWMP0411	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	6	54	
GWMP0417	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	21	713	T,S
GWMP0418	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/27/90-10/19/95	5	19	
GWMP0420	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/20/83	0	3	
GWMP0422	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	16	173	
GWMP0429	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0434	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	14	124	
GWMP0435	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/69-06/03/81	11	51	
GWMP0438	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/80-07/02/86	6	4	
GWMP0442	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/10/76-02/10/76	0	1	
GWMP0446	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/75-04/30/75	0	1	
GWMP0461	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0462	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	7	66	
GWMP0463	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	9	70	
GWMP0465	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0467	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	16	168	
GWMP0482	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/80-01/24/80	0	1	
GWMP0485	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/07/64-01/05/70	5	42	
GWMP0493	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0494	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0499	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0020	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	16	
GWMP0028	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	3	224	
GWMP0038	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/79-10/14/83	4	79	
GWMP0062	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	15	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0076	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	4	73	
GWMP0077	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	6	44	
GWMP0078	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	38	
GWMP0081	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0084	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	0	43	
GWMP0113	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	5	681	
GWMP0115	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	18	
GWMP0126	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	6	45	
GWMP0149	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/13/80-08/01/80	0	4	
GWMP0150	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0157	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/19/79-05/24/79	0	43	
GWMP0159	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/01/81	1	12	
GWMP0161	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-09/28/83	4	61	
GWMP0178	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/03/81-08/13/81	0	32	
GWMP0179	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/03/81-08/13/81	0	54	
GWMP0194	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	6	45	
GWMP0203	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	6	55	
GWMP0204	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0217	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/06/79-08/06/79	0	1	
GWMP0219	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/79-09/28/83	4	65	
GWMP0241	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	6	70	
GWMP0243	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	6	53	
GWMP0249	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	14	
GWMP0261	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	0	19	
GWMP0263	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	6	54	
GWMP0264	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/79-07/26/79	0	15	
GWMP0267	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0271	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	6	45	
GWMP0278	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	6	42	
GWMP0284	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/81-08/26/81	0	4	
GWMP0290	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/80-09/22/81	0	13	
GWMP0291	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	6	53	
GWMP0292	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	13	
GWMP0297	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	6	65	
GWMP0300	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	6	87	
GWMP0313	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	6	91	
GWMP0322	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	6	50	
GWMP0327	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	6	38	
GWMP0330	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-09/18/90	6	44	
GWMP0331	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	19	
GWMP0332	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-01/07/69	4	41	
GWMP0334	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0335	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/79-09/28/83	4	48	
GWMP0348	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	6	40	
GWMP0357	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/16/81	1	20	
GWMP0359	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	6	66	
GWMP0380	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0382	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	8	
GWMP0397	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/80-09/16/81	1	15	
GWMP0398	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/10/90	6	44	
GWMP0399	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	6	49	
GWMP0407	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-09/18/90	6	51	
GWMP0408	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	6	43	
GWMP0410	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	6	53	
GWMP0411	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	6	55	
GWMP0417	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	16	655	
GWMP0420	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/20/83	0	3	
GWMP0429	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0438	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/80-07/02/86	6	4	
GWMP0461	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0465	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0482	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/80-01/24/80	0	1	
GWMP0484	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-01/05/70	5	43	
GWMP0486	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/25/86-04/09/86	0	2	
GWMP0493	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0494	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0499	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0028	No	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	3	216	
GWMP0417	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0017	No	00669	PHOSPHORUS, TOTAL HYDROLYZABLE (MG/L AS P)	06/05/72-06/05/72	0	1	
GWMP0038	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0076	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	0	1	
GWMP0113	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	0	2	
GWMP0335	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	0	1	
GWMP0020	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	17	
GWMP0036	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	141	
GWMP0038	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-10/14/83	0	8	
GWMP0045	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0060	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/87-11/18/87	0	1	
GWMP0062	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	15	
GWMP0074	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/77-07/25/89	11	2	
GWMP0076	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-11/09/83	0	11	
GWMP0077	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	6	63	
GWMP0078	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	38	
GWMP0081	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0083	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/89-07/18/89	0	1	
GWMP0090	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/89-07/18/89	0	1	
GWMP0095	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	137	
GWMP0113	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/02/80-10/14/83	3	18	
GWMP0115	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	18	
GWMP0118	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0126	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	6	65	
GWMP0131	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/74-07/18/89	14	2	
GWMP0133	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/23/89-01/23/89	0	1	
GWMP0146	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0147	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/23/89-01/23/89	0	1	
GWMP0149	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/77-08/30/77	0	1	
GWMP0150	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0151	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	7	77	
GWMP0155	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/29/89	15	5	
GWMP0159	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	14	
GWMP0161	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	0	6	
GWMP0192	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/90-04/09/92	1	7	
GWMP0194	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	6	64	
GWMP0203	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	6	75	
GWMP0204	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	135	
GWMP0214	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0217	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
GWMP0218	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	8	79	
GWMP0219	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	0	6	
GWMP0231	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/74-01/05/76	1	2	
GWMP0241	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	6	104	
GWMP0243	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	6	73	
GWMP0245	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/87-07/08/87	0	1	
GWMP0249	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	13	
GWMP0255	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/90-04/09/92	1	7	
GWMP0259	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0263	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	6	71	
GWMP0267	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0268	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/87-07/08/87	0	1	
GWMP0271	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	6	64	
GWMP0278	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	6	61	
GWMP0291	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	6	71	
GWMP0292	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	13	
GWMP0297	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	6	100	
GWMP0298	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/74-06/24/80	5	3	
GWMP0300	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	6	121	
GWMP0313	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	6	125	
GWMP0322	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	6	69	
GWMP0327	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	6	51	
GWMP0330	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	6	63	
GWMP0331	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	19	
GWMP0334	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0335	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	0	6	
GWMP0348	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	6	56	
GWMP0357	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/16/81	1	20	
GWMP0359	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	6	103	
GWMP0379	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0380	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
GWMP0382	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	9	
GWMP0385	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/78-07/05/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0386	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0397	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/80-09/16/81	1	15	
GWMP0398	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/10/90	6	63	
GWMP0399	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	6	72	
GWMP0404	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
GWMP0405	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/16/86-07/16/86	0	1	
GWMP0407	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	6	70	
GWMP0408	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	6	59	
GWMP0410	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	6	74	
GWMP0411	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	6	74	
GWMP0417	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	15	207	
GWMP0418	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/90-04/01/92	1	7	
GWMP0420	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-12/20/83	0	3	
GWMP0422	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	12	136	
GWMP0423	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0429	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0438	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/83-07/02/86	3	2	
GWMP0442	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/10/76-02/10/76	0	1	
GWMP0443	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0446	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/75-04/30/75	0	1	
GWMP0447	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0452	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0461	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0465	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0466	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	12	135	
GWMP0471	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/77-08/29/77	0	1	
GWMP0490	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	0	1	
GWMP0493	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0494	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0499	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	0	1	
GWMP0028	No	00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	3	222	
GWMP0076	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	09/21/83-09/21/83	0	1	
GWMP0006	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-12/01/76	2	15	
GWMP0008	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	0	3	
GWMP0009	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	0	3	
GWMP0019	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-04/08/81	6	69	
GWMP0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	10	103	
GWMP0021	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/24/70-03/23/70	0	4	
GWMP0022	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	0	3	
GWMP0024	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-07/05/77	3	17	
GWMP0025	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	1	34	
GWMP0026	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/24/70-03/23/70	0	4	
GWMP0027	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	0	3	
GWMP0028	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	8	307	
GWMP0036	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	21	227	T,A,S
GWMP0038	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/79-09/22/81	2	46	
GWMP0061	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	1	34	
GWMP0062	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	10	106	
GWMP0073	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/21/78-06/20/79	0	6	
GWMP0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/77-07/25/89	11	2	
GWMP0076	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/79-08/26/81	2	47	
GWMP0077	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	50	
GWMP0078	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/79-09/30/80	1	31	
GWMP0083	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/89-07/18/89	0	1	
GWMP0084	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	0	43	
GWMP0090	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	21	227	T,A,S
GWMP0113	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/13/79-09/22/81	2	125	
GWMP0114	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-10/02/78	4	50	
GWMP0115	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	10	109	
GWMP0122	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	1	34	
GWMP0126	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	52	
GWMP0131	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-07/18/89	14	2	
GWMP0133	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/89-01/23/89	0	1	
GWMP0147	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/89-01/23/89	0	1	
GWMP0151	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	7	78	
GWMP0155	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/29/89	15	5	
GWMP0157	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/79-05/24/79	0	43	
GWMP0159	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	92	
GWMP0161	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	2	43	
GWMP0192	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/90-07/27/95	4	19	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0194	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	52	
GWMP0203	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-04/22/85	1	5	
GWMP0204	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	21	220	T,A,S
GWMP0218	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	12	82	
GWMP0219	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	2	41	
GWMP0231	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/05/74-01/05/76	1	2	
GWMP0241	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	55	
GWMP0243	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	57	
GWMP0245	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/08/87-07/08/87	0	1	
GWMP0247	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/05/70	0	35	
GWMP0249	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	91	
GWMP0251	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	0	2	
GWMP0255	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/90-07/27/95	4	19	
GWMP0256	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	2	14	
GWMP0261	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	0	19	
GWMP0264	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-07/26/79	0	15	
GWMP0268	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/08/87-07/08/87	0	1	
GWMP0271	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/12/83-04/22/85	1	3	
GWMP0278	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/12/83-04/22/85	1	3	
GWMP0279	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
GWMP0280	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	2	12	
GWMP0281	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
GWMP0284	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/21/81-08/06/81	0	2	
GWMP0290	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/80-09/22/81	0	4	
GWMP0291	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	6	58	
GWMP0292	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	90	
GWMP0295	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/78-06/20/79	0	3	
GWMP0297	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	52	
GWMP0298	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/05/76-06/24/80	4	2	
GWMP0300	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	59	
GWMP0309	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
GWMP0310	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
GWMP0313	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	65	
GWMP0322	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-04/22/85	1	5	
GWMP0327	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-02/21/84	0	4	
GWMP0330	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/20/83-12/20/83	0	1	
GWMP0331	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	9	101	
GWMP0332	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-01/07/69	3	36	
GWMP0333	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0335	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/09/79-08/26/81	2	43	
GWMP0348	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0357	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	79	
GWMP0359	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	52	
GWMP0369	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0374	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/76-12/02/76	0	2	
GWMP0376	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0381	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	6	23	
GWMP0385	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/05/78-07/05/78	0	1	
GWMP0387	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	6	19	
GWMP0398	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	52	
GWMP0399	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0405	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/16/86-07/16/86	0	1	
GWMP0406	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0407	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/19/83-12/19/83	0	1	
GWMP0408	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0411	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0413	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-08/21/79	5	26	
GWMP0415	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0417	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	21	175	T,S
GWMP0418	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/90-10/19/95	5	19	
GWMP0422	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	16	167	
GWMP0434	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	8	63	
GWMP0435	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/74-04/07/81	6	47	
GWMP0436	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-11/01/77	3	18	
GWMP0438	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/86-07/02/86	0	1	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0442	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/10/76-02/10/76	0	1	
GWMP0446	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/30/75-04/30/75	0	1	
GWMP0454	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0455	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/28/74-08/21/79	5	27	
GWMP0457	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0458	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0462	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	7	61	
GWMP0463	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	8	59	
GWMP0467	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	16	166	
GWMP0468	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0476	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-08/21/79	5	27	
GWMP0480	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/69-09/09/70	1	66	
GWMP0485	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/65-01/05/70	4	39	
GWMP0488	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/15/75-07/05/77	2	5	
GWMP0492	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0020	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	0	9	
GWMP0025	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/69-01/27/70	0	15	
GWMP0028	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	3	219	
GWMP0038	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	1	35	
GWMP0061	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/69-01/27/70	0	15	
GWMP0062	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/22/79	0	8	
GWMP0076	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	1	31	
GWMP0077	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	65	
GWMP0078	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	0	4	
GWMP0084	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	0	2	
GWMP0113	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/02/79-08/26/81	2	65	
GWMP0115	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	0	9	
GWMP0122	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	0	12	
GWMP0126	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	68	
GWMP0157	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	0	2	
GWMP0159	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	0	8	
GWMP0161	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	1	33	
GWMP0194	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	6	67	
GWMP0203	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-04/22/85	1	5	
GWMP0204	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-12/14/83	0	3	
GWMP0219	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	1	31	
GWMP0241	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	70	
GWMP0243	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	73	
GWMP0247	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	0	15	
GWMP0249	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	0	4	
GWMP0261	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	0	1	
GWMP0271	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/12/83-04/22/85	1	3	
GWMP0278	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/12/83-04/22/85	1	3	
GWMP0284	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/06/81-08/06/81	0	1	
GWMP0290	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/81-08/18/81	0	1	
GWMP0291	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	6	73	
GWMP0292	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	0	8	
GWMP0297	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	67	
GWMP0300	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	76	
GWMP0313	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	81	
GWMP0322	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-04/22/85	1	5	
GWMP0327	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-02/21/84	0	4	
GWMP0330	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/83-12/20/83	0	1	
GWMP0331	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/14/79-08/14/79	0	34	
GWMP0332	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-01/07/69	3	31	
GWMP0335	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	1	31	
GWMP0348	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0357	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/14/79	0	3	
GWMP0359	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	68	
GWMP0382	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	0	4	
GWMP0398	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	67	
GWMP0399	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0407	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/19/83-12/19/83	0	1	
GWMP0408	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0411	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
GWMP0414	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	0	7	
GWMP0417	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	16	77	
GWMP0455	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	0	6	
GWMP0477	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	0	5	
GWMP0480	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/06/70-01/21/70	0	2	
GWMP0484	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/86-04/09/86	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0485	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-06/09/69	4	30	
GWMP0486	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/86-04/09/86	0	2	
GWMP0020	No	00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	0	1	
GWMP0062	No	00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	0	1	
GWMP0115	No	00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	0	1	
GWMP0159	No	00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	0	1	
GWMP0417	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	03/08/73-09/28/81	8	71	
GWMP0417	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	09/01/76-09/01/76	0	1	
GWMP0438	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	09/17/80-09/17/80	0	1	
GWMP0417	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/19/73-09/01/76	3	2	
GWMP0417	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-07/08/94	16	32	
GWMP0006	No	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/01/76	2	14	
GWMP0008	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	0	1	
GWMP0009	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	0	1	
GWMP0020	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	67	
GWMP0022	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	0	1	
GWMP0024	No	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/05/77	3	16	
GWMP0027	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	0	1	
GWMP0062	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	68	
GWMP0078	No	00690	CARBON, TOTAL (MG/L AS C)	07/31/79-07/31/79	0	1	
GWMP0115	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	70	
GWMP0159	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	55	
GWMP0249	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	54	
GWMP0256	No	00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	2	13	
GWMP0280	No	00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	2	11	
GWMP0292	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	6	53	
GWMP0331	No	00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	7	47	
GWMP0333	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0357	Yes	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	44	
GWMP0369	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0373	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0374	Yes	00690	CARBON, TOTAL (MG/L AS C)	12/02/76-12/02/76	0	1	
GWMP0376	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0381	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0382	Yes	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/31/79	5	12	
GWMP0387	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0396	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0397	Yes	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/02/76	2	10	
GWMP0406	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0413	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0414	Yes	00690	CARBON, TOTAL (MG/L AS C)	01/16/74-07/31/79	5	17	
GWMP0415	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0417	No	00690	CARBON, TOTAL (MG/L AS C)	04/26/79-08/13/80	1	41	
GWMP0436	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/07/73-08/09/73	0	3	
GWMP0437	Yes	00690	CARBON, TOTAL (MG/L AS C)	01/16/74-11/01/77	3	17	
GWMP0454	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0455	No	00690	CARBON, TOTAL (MG/L AS C)	03/28/74-07/31/79	5	19	
GWMP0457	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0458	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0468	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0476	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0477	Yes	00690	CARBON, TOTAL (MG/L AS C)	01/16/74-07/31/79	5	20	
GWMP0480	No	00690	CARBON, TOTAL (MG/L AS C)	01/06/70-09/09/70	0	23	
GWMP0488	Yes	00690	CARBON, TOTAL (MG/L AS C)	04/15/75-07/05/77	2	5	
GWMP0492	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
GWMP0417	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/26/79-09/28/81	2	54	
GWMP0484	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/86-04/09/86	0	2	
GWMP0486	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/86-04/09/86	0	2	
GWMP0438	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	09/17/80-09/17/80	0	1	
GWMP0219	No	00740	SULFITE (MG/L AS SO3)	07/22/81-07/22/81	0	1	
GWMP0017	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
GWMP0036	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	18	99	
GWMP0038	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/25/81	1	5	
GWMP0045	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0046	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-07/08/85	8	4	
GWMP0060	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/87-11/18/87	0	1	
GWMP0074	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/89-07/25/89	0	1	
GWMP0076	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/25/81	1	5	
GWMP0077	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	6	66	
GWMP0083	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	0	1	
GWMP0090	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	0	1	
GWMP0095	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0097	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	18	101	
GWMP0113	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/65-09/22/81	16	21	
GWMP0118	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0126	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	6	68	
GWMP0131	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	0	1	
GWMP0133	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	0	1	
GWMP0146	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/69-08/05/77	8	2	
GWMP0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	0	1	
GWMP0149	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/56-08/30/77	21	4	
GWMP0151	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-12/09/85	8	6	
GWMP0153	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0155	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-11/29/89	12	4	
GWMP0161	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	2	4	
GWMP0192	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	4	19	
GWMP0194	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	6	68	
GWMP0203	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	6	74	
GWMP0207	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	18	97	
GWMP0214	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
GWMP0217	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/20/52-08/31/77	24	5	
GWMP0218	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-07/06/87	10	2	
GWMP0219	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	2	6	
GWMP0231	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
GWMP0241	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	6	105	
GWMP0243	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	6	75	
GWMP0245	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	0	1	
GWMP0255	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	4	19	
GWMP0259	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/06/69-08/05/77	8	2	
GWMP0263	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	6	73	
GWMP0268	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	0	1	
GWMP0271	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	6	64	
GWMP0278	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	6	61	
GWMP0291	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	6	75	
GWMP0295	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
GWMP0297	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	6	105	
GWMP0298	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-06/24/80	5	2	
GWMP0300	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	6	118	
GWMP0313	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	6	121	
GWMP0322	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	6	65	
GWMP0327	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	6	49	
GWMP0330	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	6	67	
GWMP0332	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	5	261	
GWMP0335	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	2	4	
GWMP0348	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	55	
GWMP0359	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	6	107	
GWMP0379	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0386	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/69-08/04/77	8	2	
GWMP0398	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	6	67	
GWMP0399	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	75	
GWMP0404	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0407	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	73	
GWMP0408	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	61	
GWMP0410	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	70	
GWMP0411	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	6	75	
GWMP0417	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	12	369	
GWMP0418	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/27/90-10/19/95	5	19	
GWMP0420	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/22/88-04/05/88	0	2	
GWMP0422	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	8	95	
GWMP0423	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0434	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/84-07/10/84	0	1	
GWMP0438	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/65-02/09/83	17	3	
GWMP0443	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0444	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/06/69-05/06/69	0	1	
GWMP0447	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/69-08/05/77	8	2	
GWMP0452	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/45-08/31/77	32	7	
GWMP0467	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	18	94	
GWMP0471	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/77-08/29/77	0	1	
GWMP0475	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/19/81	0	1	
GWMP0482	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/08/73-01/15/73	0	4	
GWMP0485	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	14	718	
GWMP0490	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/26/68-08/05/77	8	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0038	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/79-08/07/80	0	3	
GWMP0045	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0076	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/79-08/07/80	0	3	
GWMP0095	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
GWMP0113	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/65-02/04/81	15	15	
GWMP0118	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0146	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/69-08/05/77	8	2	
GWMP0149	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/08/56-08/30/77	21	4	
GWMP0153	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0161	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/29/79	0	2	
GWMP0207	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-04/28/69	0	1	
GWMP0214	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
GWMP0217	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/20/52-08/31/77	24	5	
GWMP0219	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	0	4	
GWMP0259	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/06/69-08/05/77	8	2	
GWMP0335	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	0	2	
GWMP0379	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0386	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/69-08/04/77	8	2	
GWMP0404	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	8	2	
GWMP0417	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	12	337	
GWMP0423	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0438	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/65-08/19/65	0	2	
GWMP0443	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0444	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/06/69-05/06/69	0	1	
GWMP0447	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/04/69-08/05/77	8	2	
GWMP0452	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/21/52-08/31/77	24	6	
GWMP0471	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/77-08/29/77	0	1	
GWMP0482	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/08/73-01/15/73	0	4	
GWMP0490	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/26/68-08/05/77	8	2	
GWMP0038	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/79-08/25/81	1	5	
GWMP0045	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	8	2	
GWMP0076	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/79-08/25/81	1	5	
GWMP0095	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/77-08/04/77	0	1	
GWMP0113	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/66-09/22/81	15	20	
GWMP0118	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	8	2	
GWMP0146	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/69-08/05/77	8	2	
GWMP0149	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/08/56-08/30/77	21	4	
GWMP0153	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-04/28/69	0	1	
GWMP0161	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	2	4	
GWMP0207	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-04/28/69	0	1	
GWMP0214	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/77-08/04/77	0	1	
GWMP0217	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/20/52-08/31/77	24	5	
GWMP0219	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	2	6	
GWMP0259	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/69-08/05/77	8	2	
GWMP0335	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	2	4	
GWMP0379	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	8	2	
GWMP0386	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/69-08/04/77	8	2	
GWMP0404	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	8	2	
GWMP0417	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	21	245	T,S
GWMP0423	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	0	1	
GWMP0438	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/65-02/09/83	17	2	
GWMP0443	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	0	1	
GWMP0444	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/69-05/06/69	0	1	
GWMP0447	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/69-08/05/77	8	2	
GWMP0452	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/45-08/31/77	32	7	
GWMP0471	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/77-08/29/77	0	1	
GWMP0475	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/19/81	0	1	
GWMP0484	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/86-04/09/86	0	2	
GWMP0486	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/86-04/09/86	0	2	
GWMP0490	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/26/68-08/05/77	8	2	
GWMP0038	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/79-08/25/81	1	5	
GWMP0045	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	8	2	
GWMP0076	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/79-08/25/81	1	5	
GWMP0095	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/77-08/04/77	0	1	
GWMP0113	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/66-09/22/81	15	20	
GWMP0118	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	8	2	
GWMP0146	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/69-08/05/77	8	2	
GWMP0149	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/08/56-08/30/77	21	4	
GWMP0153	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-04/28/69	0	1	
GWMP0161	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	2	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0207	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-04/28/69	0	1	
GWMP0214	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/77-08/04/77	0	1	
GWMP0217	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/20/52-08/31/77	24	5	
GWMP0219	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	2	6	
GWMP0259	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/69-08/05/77	8	2	
GWMP0335	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	2	4	
GWMP0379	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	8	2	
GWMP0386	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/69-08/04/77	8	2	
GWMP0404	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	8	2	
GWMP0417	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	21	245	T,S
GWMP0423	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	0	1	
GWMP0438	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/65-02/09/83	17	2	
GWMP0443	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	0	1	
GWMP0444	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/69-05/06/69	0	1	
GWMP0447	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/69-08/05/77	8	2	
GWMP0452	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/45-08/31/77	32	7	
GWMP0471	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/77-08/29/77	0	1	
GWMP0475	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/19/81	0	1	
GWMP0484	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/86-04/09/86	0	2	
GWMP0486	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/86-04/09/86	0	2	
GWMP0490	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/26/68-08/05/77	8	2	
GWMP0036	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	0	1	
GWMP0060	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/18/87-11/18/87	0	1	
GWMP0097	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	0	1	
GWMP0155	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/29/89-11/29/89	0	1	
GWMP0192	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/07/93-01/07/93	0	1	
GWMP0208	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	0	1	
GWMP0255	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/07/93-01/07/93	0	1	
GWMP0418	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/14/93-01/14/93	0	1	
GWMP0422	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/03/93-03/03/93	0	1	
GWMP0467	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/03/93-03/03/93	0	1	
GWMP0155	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/29/89-11/29/89	0	1	
GWMP0038	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/79-08/25/81	1	5	
GWMP0045	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	8	2	
GWMP0076	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/79-08/25/81	1	5	
GWMP0095	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/77-08/04/77	0	1	
GWMP0113	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/66-09/22/81	15	20	
GWMP0118	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	8	2	
GWMP0146	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/69-08/05/77	8	2	
GWMP0149	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/08/56-08/30/77	21	4	
GWMP0153	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-04/28/69	0	1	
GWMP0161	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	2	4	
GWMP0207	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-04/28/69	0	1	
GWMP0214	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/77-08/04/77	0	1	
GWMP0217	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/20/52-08/31/77	24	5	
GWMP0219	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	2	6	
GWMP0259	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/06/69-08/05/77	8	2	
GWMP0332	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/64-01/01/69	5	9	
GWMP0335	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	2	4	
GWMP0379	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	8	2	
GWMP0386	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/69-08/04/77	8	2	
GWMP0404	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	8	2	
GWMP0417	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	21	245	T,S
GWMP0423	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	0	1	
GWMP0438	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/83-02/09/83	0	1	
GWMP0443	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	0	1	
GWMP0444	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/06/69-05/06/69	0	1	
GWMP0447	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/69-08/05/77	8	2	
GWMP0452	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/45-08/31/77	32	7	
GWMP0471	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/77-08/29/77	0	1	
GWMP0475	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/19/81	0	1	
GWMP0484	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-01/01/69	6	12	
GWMP0486	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/86-04/09/86	0	2	
GWMP0490	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/26/68-08/05/77	8	2	
GWMP0038	No	00931	SODIUM ADSORPTION RATIO	08/29/79-08/25/81	1	5	
GWMP0045	No	00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	8	2	
GWMP0076	No	00931	SODIUM ADSORPTION RATIO	08/29/79-08/25/81	1	5	
GWMP0095	No	00931	SODIUM ADSORPTION RATIO	08/04/77-08/04/77	0	1	
GWMP0113	No	00931	SODIUM ADSORPTION RATIO	08/19/65-09/22/81	16	21	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0118	No	00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	8	2	
GWMP0146	No	00931	SODIUM ADSORPTION RATIO	04/30/69-08/05/77	8	2	
GWMP0149	No	00931	SODIUM ADSORPTION RATIO	02/05/69-08/30/77	8	3	
GWMP0153	No	00931	SODIUM ADSORPTION RATIO	04/28/69-04/28/69	0	1	
GWMP0161	No	00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	2	4	
GWMP0207	No	00931	SODIUM ADSORPTION RATIO	04/28/69-04/28/69	0	1	
GWMP0214	No	00931	SODIUM ADSORPTION RATIO	08/04/77-08/04/77	0	1	
GWMP0217	No	00931	SODIUM ADSORPTION RATIO	02/05/69-08/31/77	8	2	
GWMP0219	No	00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	2	6	
GWMP0259	No	00931	SODIUM ADSORPTION RATIO	05/06/69-08/05/77	8	2	
GWMP0335	No	00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	2	4	
GWMP0379	No	00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	8	2	
GWMP0386	No	00931	SODIUM ADSORPTION RATIO	04/05/69-08/04/77	8	2	
GWMP0404	No	00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	8	2	
GWMP0417	No	00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	12	178	
GWMP0423	No	00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	0	1	
GWMP0438	No	00931	SODIUM ADSORPTION RATIO	08/09/65-02/09/83	17	3	
GWMP0443	No	00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	0	1	
GWMP0444	No	00931	SODIUM ADSORPTION RATIO	05/06/69-05/06/69	0	1	
GWMP0447	No	00931	SODIUM ADSORPTION RATIO	05/04/69-08/05/77	8	2	
GWMP0452	No	00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00931	SODIUM ADSORPTION RATIO	03/06/68-08/31/77	9	4	
GWMP0471	No	00931	SODIUM ADSORPTION RATIO	08/29/77-08/29/77	0	1	
GWMP0475	No	00931	SODIUM ADSORPTION RATIO	08/19/81-08/19/81	0	1	
GWMP0490	No	00931	SODIUM ADSORPTION RATIO	11/26/68-08/05/77	8	2	
GWMP0038	No	00932	SODIUM, PERCENT	08/29/79-08/25/81	1	5	
GWMP0045	No	00932	SODIUM, PERCENT	04/28/69-08/04/77	8	2	
GWMP0076	No	00932	SODIUM, PERCENT	08/29/79-08/25/81	1	5	
GWMP0095	No	00932	SODIUM, PERCENT	08/04/77-08/04/77	0	1	
GWMP0113	No	00932	SODIUM, PERCENT	08/19/65-09/22/81	16	21	
GWMP0118	No	00932	SODIUM, PERCENT	04/28/69-08/04/77	8	2	
GWMP0146	No	00932	SODIUM, PERCENT	04/30/69-08/05/77	8	2	
GWMP0149	No	00932	SODIUM, PERCENT	02/05/69-08/30/77	8	3	
GWMP0153	No	00932	SODIUM, PERCENT	04/28/69-04/28/69	0	1	
GWMP0161	No	00932	SODIUM, PERCENT	08/22/79-08/25/81	2	4	
GWMP0207	No	00932	SODIUM, PERCENT	04/28/69-04/28/69	0	1	
GWMP0214	No	00932	SODIUM, PERCENT	08/04/77-08/04/77	0	1	
GWMP0217	No	00932	SODIUM, PERCENT	02/05/69-08/31/77	8	2	
GWMP0219	No	00932	SODIUM, PERCENT	08/22/79-08/25/81	2	6	
GWMP0259	No	00932	SODIUM, PERCENT	05/06/69-08/05/77	8	2	
GWMP0335	No	00932	SODIUM, PERCENT	08/22/79-08/25/81	2	4	
GWMP0379	No	00932	SODIUM, PERCENT	04/28/69-08/04/77	8	2	
GWMP0386	No	00932	SODIUM, PERCENT	04/05/69-08/04/77	8	2	
GWMP0404	No	00932	SODIUM, PERCENT	04/28/69-08/04/77	8	2	
GWMP0417	No	00932	SODIUM, PERCENT	02/05/73-11/07/85	12	178	
GWMP0423	No	00932	SODIUM, PERCENT	08/05/77-08/05/77	0	1	
GWMP0438	No	00932	SODIUM, PERCENT	08/09/65-02/09/83	17	3	
GWMP0443	No	00932	SODIUM, PERCENT	08/05/77-08/05/77	0	1	
GWMP0444	No	00932	SODIUM, PERCENT	05/06/69-05/06/69	0	1	
GWMP0447	No	00932	SODIUM, PERCENT	05/04/69-08/05/77	8	2	
GWMP0452	No	00932	SODIUM, PERCENT	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00932	SODIUM, PERCENT	03/06/68-08/31/77	9	4	
GWMP0471	No	00932	SODIUM, PERCENT	08/29/77-08/29/77	0	1	
GWMP0475	No	00932	SODIUM, PERCENT	08/19/81-08/19/81	0	1	
GWMP0490	No	00932	SODIUM, PERCENT	11/26/68-08/05/77	8	2	
GWMP0038	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	0	1	
GWMP0076	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	0	1	
GWMP0113	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/19/65-08/29/79	14	5	
GWMP0161	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	0	2	
GWMP0219	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	0	2	
GWMP0335	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	0	1	
GWMP0417	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/17/79-03/24/80	0	28	
GWMP0438	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/09/65-08/19/65	0	2	
GWMP0038	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/79-08/25/81	1	5	
GWMP0045	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	8	2	
GWMP0076	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/79-08/25/81	1	5	
GWMP0095	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/77-08/04/77	0	1	
GWMP0113	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/66-09/22/81	15	20	
GWMP0118	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	8	2	
GWMP0146	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/69-08/05/77	8	2	
GWMP0149	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/08/56-08/30/77	21	4	
GWMP0153	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-04/28/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0161	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	2	4	
GWMP0179	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/81-08/12/81	0	1	
GWMP0207	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-04/28/69	0	1	
GWMP0214	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/77-08/04/77	0	1	
GWMP0217	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/20/52-08/31/77	24	5	
GWMP0219	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	2	6	
GWMP0259	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/06/69-08/05/77	8	2	
GWMP0332	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/64-01/01/69	5	9	
GWMP0335	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	2	4	
GWMP0379	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	8	2	
GWMP0386	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/69-08/04/77	8	2	
GWMP0404	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	8	2	
GWMP0417	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	21	245	T,S
GWMP0423	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	0	1	
GWMP0438	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/83-02/09/83	0	1	
GWMP0443	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	0	1	
GWMP0444	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/06/69-05/06/69	0	1	
GWMP0447	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/69-08/05/77	8	2	
GWMP0452	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/52-08/31/77	24	6	
GWMP0471	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/77-08/29/77	0	1	
GWMP0475	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/19/81	0	1	
GWMP0484	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/01/69	6	12	
GWMP0486	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/86-04/09/86	0	2	
GWMP0490	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/26/68-08/05/77	8	2	
GWMP0155	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/29/89-11/29/89	0	1	
GWMP0017	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/72-09/15/72	0	1	
GWMP0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	20	148	
GWMP0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/25/81	1	6	
GWMP0041	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-03/01/72	0	1	
GWMP0045	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	8	2	
GWMP0074	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/89-07/25/89	0	1	
GWMP0076	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/25/81	1	5	
GWMP0083	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/89-07/18/89	0	1	
GWMP0090	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/89-07/18/89	0	1	
GWMP0095	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	20	145	
GWMP0113	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/65-09/22/81	16	21	
GWMP0118	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	8	2	
GWMP0124	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	2	2	
GWMP0131	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/74-07/18/89	14	2	
GWMP0133	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/89-01/23/89	0	1	
GWMP0146	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/69-08/05/77	8	2	
GWMP0147	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/89-01/23/89	0	1	
GWMP0149	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/56-08/30/77	21	4	
GWMP0151	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/85-08/06/85	0	1	
GWMP0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-04/28/69	0	1	
GWMP0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/74-11/29/89	15	3	
GWMP0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	2	4	
GWMP0192	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/90-07/27/95	4	19	
GWMP0207	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	20	140	
GWMP0210	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	2	3	
GWMP0214	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	0	1	
GWMP0217	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/52-08/31/77	24	5	
GWMP0218	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/82-07/06/87	4	2	
GWMP0219	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	2	6	
GWMP0231	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-01/05/76	1	2	
GWMP0255	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/90-07/27/95	4	19	
GWMP0259	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/06/69-08/05/77	8	2	
GWMP0292	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/71-06/30/71	0	2	
GWMP0295	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/72-06/12/73	1	3	
GWMP0298	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-01/05/76	1	2	
GWMP0309	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/70-04/30/70	0	1	
GWMP0332	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	5	264	
GWMP0335	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	2	4	
GWMP0379	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	8	2	
GWMP0386	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/69-08/04/77	8	2	
GWMP0404	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	8	2	
GWMP0417	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	21	281	T,S
GWMP0418	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/90-10/19/95	5	19	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0422	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	13	136	
GWMP0423	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	0	1	
GWMP0429	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/77-10/05/77	0	1	
GWMP0438	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/65-02/09/83	17	3	
GWMP0442	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/76-02/10/76	0	1	
GWMP0443	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	0	1	
GWMP0444	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/06/69-05/06/69	0	1	
GWMP0446	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/75-04/30/75	0	1	
GWMP0447	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/69-08/05/77	8	2	
GWMP0450	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/77-10/05/77	0	1	
GWMP0452	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/45-08/31/77	32	7	
GWMP0467	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	13	137	
GWMP0471	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/77-08/29/77	0	1	
GWMP0475	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/19/81	0	1	
GWMP0482	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/73-01/09/73	0	1	
GWMP0485	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	14	702	
GWMP0490	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/26/68-08/05/77	8	2	
GWMP0484	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/86-04/09/86	0	2	
GWMP0486	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/86-04/09/86	0	2	
GWMP0036	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	6	78	
GWMP0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/25/81	1	5	
GWMP0045	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	8	2	
GWMP0074	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/89-07/25/89	0	1	
GWMP0076	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/25/81	1	5	
GWMP0077	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	0	3	
GWMP0083	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	0	1	
GWMP0090	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	0	1	
GWMP0095	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	0	1	
GWMP0097	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	6	81	
GWMP0113	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/65-09/22/81	16	21	
GWMP0118	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	8	2	
GWMP0126	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	0	3	
GWMP0131	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	0	1	
GWMP0133	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/89-01/23/89	0	1	
GWMP0146	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/69-08/05/77	8	2	
GWMP0147	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/89-01/23/89	0	1	
GWMP0149	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/56-08/30/77	21	4	
GWMP0153	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-04/28/69	0	1	
GWMP0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/89-11/29/89	0	1	
GWMP0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	2	4	
GWMP0192	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/90-07/27/95	4	19	
GWMP0194	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	0	3	
GWMP0203	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	0	3	
GWMP0204	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	0	3	
GWMP0207	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	6	78	
GWMP0214	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	0	1	
GWMP0217	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/20/52-08/31/77	24	5	
GWMP0219	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	2	6	
GWMP0241	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/14/83	0	6	
GWMP0243	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	0	3	
GWMP0255	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/90-07/27/95	4	19	
GWMP0259	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/06/69-08/05/77	8	2	
GWMP0271	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/83-12/12/83	0	1	
GWMP0278	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/83-12/12/83	0	1	
GWMP0291	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
GWMP0297	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
GWMP0300	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	0	4	
GWMP0313	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	0	3	
GWMP0322	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	0	2	
GWMP0327	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	0	2	
GWMP0330	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/83-12/20/83	0	1	
GWMP0332	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	5	252	
GWMP0335	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	2	4	
GWMP0348	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
GWMP0359	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
GWMP0379	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	8	2	
GWMP0386	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/69-08/04/77	8	2	
GWMP0398	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
GWMP0399	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
GWMP0404	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	8	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0407	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/19/83-12/19/83	0	1	
GWMP0408	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
GWMP0411	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
GWMP0417	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	21	286	T,S
GWMP0418	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/90-10/19/95	5	19	
GWMP0422	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	7	77	
GWMP0423	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	0	1	
GWMP0438	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/65-02/09/83	17	3	
GWMP0443	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	0	1	
GWMP0444	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/06/69-05/06/69	0	1	
GWMP0447	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/04/69-08/05/77	8	2	
GWMP0452	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/45-08/31/77	32	7	
GWMP0467	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	13	77	
GWMP0471	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/77-08/29/77	0	1	
GWMP0475	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/19/81	0	1	
GWMP0485	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	14	695	
GWMP0490	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/26/68-08/05/77	8	2	
GWMP0484	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/86-04/09/86	0	2	
GWMP0486	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/86-04/09/86	0	2	
GWMP0038	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	1	4	
GWMP0045	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	8	2	
GWMP0076	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	1	4	
GWMP0095	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/77-08/04/77	0	1	
GWMP0113	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/21/66-09/22/81	15	16	
GWMP0118	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	8	2	
GWMP0146	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/69-08/05/77	8	2	
GWMP0149	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/08/56-08/30/77	21	4	
GWMP0153	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-04/28/69	0	1	
GWMP0161	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/22/81-08/25/81	0	2	
GWMP0207	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-04/28/69	0	1	
GWMP0214	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/77-08/04/77	0	1	
GWMP0217	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/52-08/31/77	24	5	
GWMP0219	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	1	4	
GWMP0259	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/06/69-08/05/77	8	2	
GWMP0332	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/64-01/01/69	5	9	
GWMP0335	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/80-08/25/81	1	3	
GWMP0379	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	8	2	
GWMP0386	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/69-08/04/77	8	2	
GWMP0404	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	8	2	
GWMP0417	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	21	243	T,S
GWMP0423	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	0	1	
GWMP0438	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/83-02/09/83	0	1	
GWMP0443	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	0	1	
GWMP0444	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/06/69-05/06/69	0	1	
GWMP0447	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/69-08/05/77	8	2	
GWMP0452	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/45-08/31/77	32	7	
GWMP0471	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/29/77-08/29/77	0	1	
GWMP0475	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/19/81	0	1	
GWMP0484	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-01/01/69	6	11	
GWMP0486	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/86-04/09/86	0	2	
GWMP0490	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/26/68-08/05/77	8	2	
GWMP0036	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	4	47	
GWMP0074	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	4	49	
GWMP0133	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/89-01/23/89	0	1	
GWMP0147	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/89-01/23/89	0	1	
GWMP0155	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/29/89-11/29/89	0	1	
GWMP0192	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/90-04/14/93	2	10	
GWMP0208	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	4	46	
GWMP0255	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/90-04/14/93	2	11	
GWMP0418	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/27/90-04/19/93	2	10	
GWMP0422	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	4	47	
GWMP0467	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	4	47	
GWMP0036	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	90	
GWMP0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/79-10/14/83	4	75	
GWMP0045	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	8	2	
GWMP0076	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	4	71	
GWMP0084	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	0	43	
GWMP0095	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0097	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	87	
GWMP0113	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	17	670	
GWMP0118	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	8	2	
GWMP0146	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/69-08/05/77	8	2	
GWMP0149	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/08/56-08/01/80	24	8	
GWMP0153	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-04/28/69	0	1	
GWMP0157	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/19/79-05/24/79	0	43	
GWMP0161	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-09/28/83	4	59	
GWMP0178	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-08/13/81	0	32	
GWMP0179	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-08/13/81	0	54	
GWMP0192	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/90-01/07/93	2	10	
GWMP0207	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-04/28/69	0	1	
GWMP0208	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	85	
GWMP0214	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	0	1	
GWMP0217	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/20/52-08/06/79	26	6	
GWMP0218	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/87-07/06/87	0	1	
GWMP0219	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/79-09/28/83	4	62	
GWMP0255	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/90-01/07/93	2	10	
GWMP0259	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/69-08/05/77	8	2	
GWMP0261	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	0	19	
GWMP0264	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/79-07/26/79	0	15	
GWMP0284	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-08/26/81	0	4	
GWMP0290	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/80-09/22/81	0	13	
GWMP0335	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-09/28/83	4	47	
GWMP0379	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	8	2	
GWMP0386	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/69-08/04/77	8	2	
GWMP0404	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	8	2	
GWMP0417	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	21	700	T,S
GWMP0418	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/90-01/14/93	2	10	
GWMP0422	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	9	84	
GWMP0423	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	0	1	
GWMP0438	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/24/80-07/02/86	6	4	
GWMP0443	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	0	1	
GWMP0444	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/69-05/06/69	0	1	
GWMP0447	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/69-08/05/77	8	2	
GWMP0452	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/45-08/31/77	32	7	
GWMP0467	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	9	84	
GWMP0471	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/77-08/29/77	0	1	
GWMP0475	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/19/81	0	1	
GWMP0482	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/24/80-01/24/80	0	1	
GWMP0484	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/86-04/09/86	0	2	
GWMP0486	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/86-04/09/86	0	2	
GWMP0490	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/26/68-08/05/77	8	2	
GWMP0028	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	3	231	
GWMP0077	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	6	47	
GWMP0126	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	6	45	
GWMP0194	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	6	49	
GWMP0203	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-09/17/90	6	46	
GWMP0204	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-01/16/85	1	4	
GWMP0241	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	6	46	
GWMP0243	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	6	43	
GWMP0263	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/84-01/31/84	0	1	
GWMP0271	No	00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	6	38	
GWMP0278	No	00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	6	35	
GWMP0291	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/11/90	6	43	
GWMP0297	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	6	48	
GWMP0300	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	6	45	
GWMP0313	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	6	44	
GWMP0322	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	6	43	
GWMP0327	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	6	33	
GWMP0330	No	00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-09/18/90	6	37	
GWMP0348	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	6	36	
GWMP0359	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	6	45	
GWMP0398	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	6	49	
GWMP0399	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	6	47	
GWMP0407	No	00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-09/18/90	6	46	
GWMP0408	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	6	38	
GWMP0410	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-09/18/90	6	44	
GWMP0411	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	6	48	
GWMP0434	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	02/12/91-12/13/94	3	41	
GWMP0043	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0047	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0069	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0071	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0072	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0077	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	10	
GWMP0079	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0109	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0126	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	11	
GWMP0145	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	0	5	
GWMP0194	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	11	
GWMP0203	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	3	11	
GWMP0241	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	11	
GWMP0243	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	4	10	
GWMP0271	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	3	10	
GWMP0278	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	3	11	
GWMP0291	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	4	9	
GWMP0297	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	11	
GWMP0300	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	4	10	
GWMP0313	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	4	10	
GWMP0322	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-10/24/89	3	7	
GWMP0327	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-10/24/89	3	6	
GWMP0330	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	9	
GWMP0332	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/01/64-01/01/69	5	10	
GWMP0348	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	5	
GWMP0359	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	4	11	
GWMP0398	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/86-07/16/90	3	10	
GWMP0399	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	10	
GWMP0407	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	10	
GWMP0408	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	10	
GWMP0410	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	10	
GWMP0411	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	3	10	
GWMP0417	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/08/73-11/16/93	20	82	
GWMP0485	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-01/01/69	6	12	
GWMP0417	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/19/74-09/21/82	8	41	
GWMP0017	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	5	4	
GWMP0036	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	17	15	
GWMP0041	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
GWMP0046	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/18/77-11/27/78	1	3	
GWMP0060	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/18/87-11/18/87	0	1	
GWMP0074	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/25/89-07/25/89	0	1	
GWMP0076	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/81-07/20/81	0	1	
GWMP0083	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	0	1	
GWMP0090	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	17	14	
GWMP0124	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
GWMP0131	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	0	1	
GWMP0132	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
GWMP0133	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/89-01/23/89	0	1	
GWMP0147	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/89-01/23/89	0	1	
GWMP0151	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/77-07/14/86	9	9	
GWMP0155	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/88-11/29/89	1	3	
GWMP0192	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/06/91-07/13/94	2	3	
GWMP0208	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	17	14	
GWMP0210	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
GWMP0216	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	0	1	
GWMP0218	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/18/77-07/14/86	9	7	
GWMP0221	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
GWMP0245	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/08/87-07/08/87	0	1	
GWMP0255	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-01/07/93	17	8	
GWMP0268	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/08/87-07/08/87	0	1	
GWMP0295	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	5	4	
GWMP0298	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/24/80-06/24/80	0	1	
GWMP0405	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/16/86-07/16/86	0	1	
GWMP0417	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/20/73-08/12/92	18	52	
GWMP0418	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/10/91-01/14/93	1	2	
GWMP0422	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-03/03/93	19	14	
GWMP0441	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-07/06/94	20	13	
GWMP0470	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-04/11/79	5	7	
GWMP0480	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/18/87-11/18/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0074	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0151	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0218	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0467	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0036	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/81-10/01/81	0	4	
GWMP0479	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/77-10/01/86	9	15	
GWMP0332	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/01/64-01/01/69	5	10	
GWMP0417	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-05/03/94	16	66	
GWMP0485	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-01/01/69	6	12	
GWMP0417	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	12/20/77-09/21/82	4	19	
GWMP0417	No	01007	BARIUM, TOTAL (UG/L AS BA)	12/20/77-09/21/82	4	20	
GWMP0149	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0217	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0466	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0332	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/01/64-01/01/69	5	10	
GWMP0417	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	12/01/82-05/03/94	11	40	
GWMP0485	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-01/01/69	6	12	
GWMP0036	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	4	
GWMP0097	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	3	
GWMP0192	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/06/91-01/07/93	1	2	
GWMP0208	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	4	
GWMP0216	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	0	1	
GWMP0255	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/06/91-01/07/93	1	2	
GWMP0417	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/01/79-08/15/79	0	6	
GWMP0418	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/10/91-01/14/93	1	2	
GWMP0422	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/07/88-03/03/93	4	3	
GWMP0467	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/12/91-03/03/93	1	2	
GWMP0480	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-07/26/95	12	3	
GWMP0097	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-07/26/95	12	4	
GWMP0151	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0192	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-06/09/92	9	2	
GWMP0218	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0255	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0418	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0467	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/24/95	12	2	
GWMP0332	No	01020	BORON, DISSOLVED (UG/L AS B)	01/01/64-01/01/69	5	10	
GWMP0485	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-01/01/69	6	12	
GWMP0332	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/01/64-01/01/69	5	10	
GWMP0417	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/08/73-05/03/94	21	84	S
GWMP0485	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-01/01/69	6	12	
GWMP0417	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/19/74-09/28/81	7	36	
GWMP0017	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	5	6	
GWMP0036	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	17	16	
GWMP0041	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
GWMP0046	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-11/27/78	3	4	
GWMP0060	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/87-11/18/87	0	1	
GWMP0074	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/25/89-07/25/89	0	1	
GWMP0077	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	6	18	
GWMP0083	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	0	1	
GWMP0090	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	17	14	
GWMP0124	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
GWMP0126	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	6	19	
GWMP0131	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	0	1	
GWMP0132	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
GWMP0133	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/89-01/23/89	0	1	
GWMP0147	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/89-01/23/89	0	1	
GWMP0151	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-07/14/86	11	10	
GWMP0155	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/88-11/29/89	1	3	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0192	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/06/91-07/13/94	2	3	
GWMP0194	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-07/09/90	6	19	
GWMP0204	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	17	15	
GWMP0210	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
GWMP0216	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	0	1	
GWMP0218	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-07/14/86	11	8	
GWMP0221	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
GWMP0241	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	6	20	
GWMP0243	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	6	18	
GWMP0245	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/87-07/08/87	0	1	
GWMP0255	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/27/75-01/07/93	17	8	
GWMP0268	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/87-07/08/87	0	1	
GWMP0271	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/84-07/09/90	6	18	
GWMP0278	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/84-07/09/90	6	18	
GWMP0291	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/17/90	6	17	
GWMP0295	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	5	6	
GWMP0297	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	6	18	
GWMP0298	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/24/80-06/24/80	0	1	
GWMP0300	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	6	19	
GWMP0313	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	6	18	
GWMP0322	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-05/07/90	6	16	
GWMP0327	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-05/07/90	6	13	
GWMP0330	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-07/10/90	5	13	
GWMP0348	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	6	12	
GWMP0359	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	6	17	
GWMP0399	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	6	18	
GWMP0405	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/16/86-07/16/86	0	1	
GWMP0407	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-07/10/90	6	17	
GWMP0408	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	6	16	
GWMP0410	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-07/10/90	6	17	
GWMP0411	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	6	18	
GWMP0417	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	18	72	
GWMP0418	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/10/91-01/14/93	1	2	
GWMP0422	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-03/03/93	20	15	
GWMP0441	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-07/06/94	21	14	
GWMP0470	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-04/11/79	6	8	
GWMP0475	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/81-08/19/81	0	1	
GWMP0480	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0036	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0255	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0332	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/01/64-01/01/69	5	10	
GWMP0417	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/08/73-05/03/94	21	82	S
GWMP0485	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-01/01/69	6	12	
GWMP0417	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/19/74-05/11/82	7	36	
GWMP0017	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	5	8	
GWMP0036	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	18	15	
GWMP0041	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/70-05/21/74	4	11	
GWMP0046	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/75-11/27/78	3	4	
GWMP0060	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/87-11/18/87	0	1	
GWMP0074	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/25/89-07/25/89	0	1	
GWMP0077	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	6	18	
GWMP0083	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	0	1	
GWMP0090	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	18	15	
GWMP0124	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
GWMP0126	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	6	19	
GWMP0131	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	0	1	
GWMP0132	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
GWMP0133	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/89-01/23/89	0	1	
GWMP0147	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/89-01/23/89	0	1	
GWMP0151	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-07/14/86	11	11	
GWMP0155	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/88-11/29/89	1	3	
GWMP0192	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/06/91-07/13/94	2	3	
GWMP0194	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-07/09/90	6	19	
GWMP0204	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	18	15	
GWMP0210	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
GWMP0216	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	0	1	
GWMP0218	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/75-07/14/86	11	8	
GWMP0221	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
GWMP0241	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	6	20	
GWMP0243	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	6	18	
GWMP0245	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/87-07/08/87	0	1	
GWMP0255	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-01/07/93	18	9	
GWMP0268	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/87-07/08/87	0	1	
GWMP0271	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/84-07/09/90	6	18	
GWMP0278	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/84-07/09/90	6	18	
GWMP0291	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/17/90	6	17	
GWMP0295	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	5	7	
GWMP0297	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	6	18	
GWMP0298	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/80-06/24/80	0	1	
GWMP0300	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	6	19	
GWMP0313	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	6	18	
GWMP0322	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-05/07/90	6	16	
GWMP0327	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-05/07/90	6	13	
GWMP0330	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-07/10/90	5	13	
GWMP0348	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	6	12	
GWMP0359	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	6	17	
GWMP0399	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	6	18	
GWMP0405	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/16/86-07/16/86	0	1	
GWMP0407	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-07/10/90	6	17	
GWMP0408	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	6	16	
GWMP0410	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-07/10/90	6	17	
GWMP0411	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	6	18	
GWMP0417	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	18	72	
GWMP0418	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/10/91-01/14/93	1	2	
GWMP0422	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-03/03/93	20	18	
GWMP0441	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-07/06/94	21	18	
GWMP0470	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-04/11/79	6	12	
GWMP0475	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/81-08/19/81	0	1	
GWMP0480	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	0	1	
GWMP0332	No	01035	COBALT, DISSOLVED (UG/L AS CO)	01/01/64-01/01/69	5	10	
GWMP0417	No	01035	COBALT, DISSOLVED (UG/L AS CO)	03/08/73-05/03/94	21	92	S

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0485	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-01/01/69	6	12	
GWMP0417	No	01036	COBALT, SUSPENDED (UG/L AS CO)	06/19/74-09/28/81	7	36	
GWMP0417	No	01037	COBALT, TOTAL (UG/L AS CO)	09/20/73-09/21/82	9	45	
GWMP0417	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0161	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/81-07/20/81	0	1	
GWMP0332	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/01/64-01/01/69	5	10	
GWMP0417	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/08/73-05/03/94	21	84	S
GWMP0485	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-01/01/69	6	12	
GWMP0417	No	01041	COPPER, SUSPENDED (UG/L AS CU)	06/19/74-09/21/82	8	41	
GWMP0017	No	01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	5	8	
GWMP0036	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	18	17	
GWMP0041	No	01042	COPPER, TOTAL (UG/L AS CU)	04/06/70-05/21/74	4	11	
GWMP0046	No	01042	COPPER, TOTAL (UG/L AS CU)	05/15/75-11/27/78	3	4	
GWMP0060	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/87-11/18/87	0	1	
GWMP0074	No	01042	COPPER, TOTAL (UG/L AS CU)	07/25/89-07/25/89	0	1	
GWMP0077	No	01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	6	18	
GWMP0083	No	01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	0	1	
GWMP0090	No	01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	18	16	
GWMP0124	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
GWMP0126	No	01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	6	19	
GWMP0131	No	01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	0	1	
GWMP0132	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
GWMP0133	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/89-01/23/89	0	1	
GWMP0147	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/89-01/23/89	0	1	
GWMP0151	No	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-07/14/86	11	11	
GWMP0155	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/88-11/29/89	1	3	
GWMP0192	No	01042	COPPER, TOTAL (UG/L AS CU)	08/06/91-07/13/94	2	3	
GWMP0194	No	01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-07/09/90	6	19	
GWMP0204	No	01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	18	16	
GWMP0210	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
GWMP0216	No	01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	0	1	
GWMP0218	No	01042	COPPER, TOTAL (UG/L AS CU)	05/15/75-07/14/86	11	8	
GWMP0221	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
GWMP0241	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	6	20	
GWMP0243	No	01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	6	18	
GWMP0245	No	01042	COPPER, TOTAL (UG/L AS CU)	07/08/87-07/08/87	0	1	
GWMP0255	No	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-01/07/93	18	9	
GWMP0268	No	01042	COPPER, TOTAL (UG/L AS CU)	07/08/87-07/08/87	0	1	
GWMP0271	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/84-07/09/90	6	18	
GWMP0278	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/84-07/09/90	6	18	
GWMP0291	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/17/90	6	17	
GWMP0295	No	01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	5	7	
GWMP0297	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	6	18	
GWMP0298	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/80-06/24/80	0	1	
GWMP0300	No	01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	6	19	
GWMP0313	No	01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	6	18	
GWMP0322	No	01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-05/07/90	6	16	
GWMP0327	No	01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-05/07/90	6	13	
GWMP0330	No	01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-07/10/90	5	13	
GWMP0348	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	6	12	
GWMP0359	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	6	17	
GWMP0399	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	6	18	
GWMP0405	No	01042	COPPER, TOTAL (UG/L AS CU)	07/16/86-07/16/86	0	1	
GWMP0407	No	01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-07/10/90	6	17	
GWMP0408	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	6	16	
GWMP0410	No	01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-07/10/90	6	17	
GWMP0411	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	6	18	
GWMP0417	No	01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	18	73	
GWMP0418	No	01042	COPPER, TOTAL (UG/L AS CU)	07/10/91-01/14/93	1	2	
GWMP0422	No	01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-03/03/93	20	18	
GWMP0441	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/77-04/11/79	2	5	
GWMP0467	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-07/06/94	21	17	
GWMP0470	No	01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-04/11/79	6	11	
GWMP0475	No	01042	COPPER, TOTAL (UG/L AS CU)	08/19/81-08/19/81	0	1	
GWMP0480	No	01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/25/89-07/25/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0097	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0417	No	01044	IRON, SUSPENDED (UG/L AS FE)	08/15/78-09/21/82	4	79	
GWMP0036	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	14	8	
GWMP0046	No	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-11/27/78	0	1	
GWMP0074	No	01045	IRON, TOTAL (UG/L AS FE)	07/25/89-07/25/89	0	1	
GWMP0077	No	01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	6	18	
GWMP0083	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	0	1	
GWMP0090	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	14	7	
GWMP0113	No	01045	IRON, TOTAL (UG/L AS FE)	09/21/66-09/21/66	0	2	
GWMP0126	No	01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	6	19	
GWMP0131	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	0	1	
GWMP0133	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/89-01/23/89	0	1	
GWMP0147	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/89-01/23/89	0	1	
GWMP0151	No	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-10/01/79	0	3	
GWMP0155	No	01045	IRON, TOTAL (UG/L AS FE)	11/29/89-11/29/89	0	1	
GWMP0192	No	01045	IRON, TOTAL (UG/L AS FE)	08/06/91-07/13/94	2	3	
GWMP0194	No	01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/83-07/09/90	6	19	
GWMP0204	No	01045	IRON, TOTAL (UG/L AS FE)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	14	6	
GWMP0218	No	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-10/01/79	0	2	
GWMP0241	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	6	20	
GWMP0243	No	01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	6	18	
GWMP0245	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/87-07/08/87	0	1	
GWMP0255	No	01045	IRON, TOTAL (UG/L AS FE)	04/11/79-01/07/93	13	3	
GWMP0268	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/87-07/08/87	0	1	
GWMP0271	No	01045	IRON, TOTAL (UG/L AS FE)	01/30/84-07/09/90	6	18	
GWMP0278	No	01045	IRON, TOTAL (UG/L AS FE)	01/30/84-07/09/90	6	18	
GWMP0291	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/17/90	6	17	
GWMP0297	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	6	18	
GWMP0298	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/80-06/24/80	0	1	
GWMP0300	No	01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	6	19	
GWMP0313	No	01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	6	18	
GWMP0322	No	01045	IRON, TOTAL (UG/L AS FE)	10/17/83-05/07/90	6	16	
GWMP0327	No	01045	IRON, TOTAL (UG/L AS FE)	10/17/83-05/07/90	6	13	
GWMP0330	No	01045	IRON, TOTAL (UG/L AS FE)	04/23/85-07/10/90	5	13	
GWMP0332	No	01045	IRON, TOTAL (UG/L AS FE)	01/01/64-01/01/69	5	10	
GWMP0348	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	6	12	
GWMP0359	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	6	17	
GWMP0399	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	6	18	
GWMP0405	No	01045	IRON, TOTAL (UG/L AS FE)	07/16/86-07/16/86	0	1	
GWMP0407	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	6	17	
GWMP0408	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	6	16	
GWMP0410	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	6	17	
GWMP0411	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	6	17	
GWMP0417	No	01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	9	115	
GWMP0418	No	01045	IRON, TOTAL (UG/L AS FE)	07/10/91-01/14/93	1	2	
GWMP0422	No	01045	IRON, TOTAL (UG/L AS FE)	04/11/79-03/03/93	13	5	
GWMP0441	No	01045	IRON, TOTAL (UG/L AS FE)	04/11/79-04/11/79	0	1	
GWMP0467	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-07/06/94	15	6	
GWMP0470	No	01045	IRON, TOTAL (UG/L AS FE)	04/11/79-04/11/79	0	1	
GWMP0475	No	01045	IRON, TOTAL (UG/L AS FE)	08/19/81-08/19/81	0	1	
GWMP0485	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/01/62-01/01/69	6	12	
GWMP0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
GWMP0045	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	8	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0062	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0076	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
GWMP0078	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0095	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/77-08/04/77	0	1	
GWMP0113	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/02/80-02/04/81	0	7	
GWMP0115	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0118	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	8	2	
GWMP0146	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/30/69-08/05/77	8	2	
GWMP0149	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/05/69-08/30/77	8	3	
GWMP0153	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-04/28/69	0	1	
GWMP0159	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0161	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	3	
GWMP0207	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-04/28/69	0	1	
GWMP0214	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/77-08/04/77	0	1	
GWMP0217	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/05/69-08/31/77	8	2	
GWMP0219	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
GWMP0249	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0259	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/06/69-08/05/77	8	2	
GWMP0292	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0331	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0335	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
GWMP0357	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0379	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	8	2	
GWMP0382	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
GWMP0386	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/69-08/04/77	8	2	
GWMP0404	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	8	2	
GWMP0417	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	21	174	T,S
GWMP0423	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	0	1	
GWMP0443	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	0	1	
GWMP0444	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/06/69-05/06/69	0	1	
GWMP0447	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/04/69-08/05/77	8	2	
GWMP0452	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/06/68-08/31/77	9	3	
GWMP0471	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/29/77-08/29/77	0	1	
GWMP0475	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/19/81	0	1	
GWMP0490	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	0	1	
GWMP0417	No	01047	IRON, FERROUS (UG/L AS FE)	09/26/74-09/26/74	0	1	
GWMP0332	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/01/64-01/01/69	5	10	
GWMP0417	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/08/73-05/03/94	21	97	S
GWMP0485	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-01/01/69	6	12	
GWMP0417	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/19/74-09/21/82	8	48	
GWMP0017	No	01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	5	7	
GWMP0036	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	18	17	
GWMP0041	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
GWMP0046	No	01051	LEAD, TOTAL (UG/L AS PB)	05/15/75-11/27/78	3	4	
GWMP0060	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/87-11/18/87	0	1	
GWMP0074	No	01051	LEAD, TOTAL (UG/L AS PB)	07/25/89-07/25/89	0	1	
GWMP0077	No	01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	6	18	
GWMP0083	No	01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	0	1	
GWMP0090	No	01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	18	16	
GWMP0124	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
GWMP0126	No	01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	6	19	
GWMP0131	No	01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	0	1	
GWMP0132	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
GWMP0133	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/89-01/23/89	0	1	
GWMP0147	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/89-01/23/89	0	1	
GWMP0151	No	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-07/14/86	11	11	
GWMP0155	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/88-11/29/89	1	3	
GWMP0192	No	01051	LEAD, TOTAL (UG/L AS PB)	08/06/91-07/13/94	2	3	
GWMP0194	No	01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-07/09/90	6	19	
GWMP0204	No	01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	18	16	
GWMP0210	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
GWMP0216	No	01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	0	1	
GWMP0218	No	01051	LEAD, TOTAL (UG/L AS PB)	05/15/75-07/14/86	11	8	
GWMP0221	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
GWMP0241	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	6	21	
GWMP0243	No	01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	6	18	
GWMP0245	No	01051	LEAD, TOTAL (UG/L AS PB)	07/08/87-07/08/87	0	1	
GWMP0255	No	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-01/07/93	18	9	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0268	No	01051	LEAD, TOTAL (UG/L AS PB)	07/08/87-07/08/87	0	1	
GWMP0271	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/84-07/09/90	6	18	
GWMP0278	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/84-07/09/90	6	18	
GWMP0291	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/17/90	6	17	
GWMP0295	No	01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	5	6	
GWMP0297	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	6	18	
GWMP0298	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/80-06/24/80	0	1	
GWMP0300	No	01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	6	19	
GWMP0313	No	01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	6	18	
GWMP0322	No	01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-05/07/90	6	16	
GWMP0327	No	01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-05/07/90	6	13	
GWMP0330	No	01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-07/10/90	5	13	
GWMP0348	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	6	12	
GWMP0359	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	6	17	
GWMP0399	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	6	18	
GWMP0405	No	01051	LEAD, TOTAL (UG/L AS PB)	07/16/86-07/16/86	0	1	
GWMP0407	No	01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-07/10/90	6	17	
GWMP0408	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	6	17	
GWMP0410	No	01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-07/10/90	6	17	
GWMP0411	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	6	18	
GWMP0417	No	01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	18	86	
GWMP0418	No	01051	LEAD, TOTAL (UG/L AS PB)	07/10/91-01/14/93	1	2	
GWMP0422	No	01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-03/03/93	20	18	
GWMP0441	No	01051	LEAD, TOTAL (UG/L AS PB)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-07/06/94	21	17	
GWMP0470	No	01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-04/11/79	6	11	
GWMP0475	No	01051	LEAD, TOTAL (UG/L AS PB)	08/19/81-08/19/81	0	1	
GWMP0480	No	01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0036	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0097	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0192	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0255	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0467	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/24/95-08/24/95	0	1	
GWMP0076	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	0	1	
GWMP0219	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	0	1	
GWMP0417	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	8	105	
GWMP0036	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	14	9	
GWMP0041	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/06/70-04/06/70	0	1	
GWMP0046	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-11/27/78	0	1	
GWMP0060	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/87-11/18/87	0	1	
GWMP0076	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	0	1	
GWMP0097	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	14	7	
GWMP0113	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/21/66-09/21/66	0	3	
GWMP0151	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-06/06/83	4	4	
GWMP0155	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/29/89-11/29/89	0	1	
GWMP0192	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/06/91-07/13/94	2	3	
GWMP0208	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	14	8	
GWMP0218	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-06/06/83	4	3	
GWMP0219	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	0	1	
GWMP0255	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-01/07/93	13	3	
GWMP0298	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/80-06/24/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0332	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/01/64-01/01/69	5	10	
GWMP0417	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	9	117	
GWMP0418	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/10/91-01/14/93	1	2	
GWMP0422	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-03/03/93	13	6	
GWMP0441	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-04/11/79	0	1	
GWMP0466	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/04/68-11/04/68	0	1	
GWMP0467	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-07/06/94	15	7	
GWMP0470	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-04/11/79	0	1	
GWMP0475	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/19/81-08/19/81	0	1	
GWMP0485	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-01/01/69	6	12	
GWMP0038	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
GWMP0076	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
GWMP0113	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/80-08/07/80	0	3	
GWMP0161	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	3	
GWMP0219	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
GWMP0335	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
GWMP0417	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	21	170	T,S
GWMP0475	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/81-08/19/81	0	1	
GWMP0484	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/86-04/09/86	0	2	
GWMP0486	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/86-04/09/86	0	2	
GWMP0074	No	01058	THALLIUM, SUSPENDED (UG/L AS TL)	07/25/89-07/25/89	0	1	
GWMP0036	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	4	
GWMP0097	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	3	
GWMP0192	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/06/91-01/07/93	1	2	
GWMP0208	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	4	
GWMP0216	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	0	1	
GWMP0255	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/06/91-01/07/93	1	2	
GWMP0418	No	01059	THALLIUM, TOTAL (UG/L AS TL)	07/10/91-01/14/93	1	2	
GWMP0422	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/07/88-03/03/93	4	3	
GWMP0467	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	06/12/91-03/03/93	1	2	
GWMP0480	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	0	1	
GWMP0332	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/01/64-01/01/69	5	10	
GWMP0417	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	12/01/82-05/03/94	11	47	
GWMP0485	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-01/01/69	6	12	
GWMP0017	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	4	3	
GWMP0036	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	8	
GWMP0041	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
GWMP0046	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/15/75-11/27/78	3	4	
GWMP0097	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	8	
GWMP0124	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
GWMP0132	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
GWMP0151	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	7	
GWMP0208	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	8	
GWMP0210	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
GWMP0218	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/15/75-11/27/78	3	4	
GWMP0221	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
GWMP0255	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	7	
GWMP0295	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	4	4	
GWMP0332	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/01/64-01/01/69	5	10	
GWMP0417	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/79-05/03/94	14	60	
GWMP0422	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	6	9	
GWMP0441	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	6	8	
GWMP0470	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	6	9	
GWMP0485	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-01/01/69	6	12	
GWMP0417	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	12/12/79-09/21/82	2	12	
GWMP0036	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	13	8	
GWMP0060	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/18/87-11/18/87	0	1	
GWMP0074	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/25/89-07/25/89	0	1	
GWMP0083	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	0	1	
GWMP0090	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	13	7	
GWMP0131	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	0	1	
GWMP0133	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/89-01/23/89	0	1	
GWMP0147	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/89-01/23/89	0	1	
GWMP0151	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/14/86	6	4	
GWMP0155	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/88-11/29/89	1	3	
GWMP0192	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/06/91-07/13/94	2	3	
GWMP0208	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	13	6	
GWMP0216	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	0	1	
GWMP0218	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/14/86	6	4	
GWMP0245	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/08/87-07/08/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0255	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/06/91-01/07/93	1	2	
GWMP0268	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/08/87-07/08/87	0	1	
GWMP0298	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/24/80-06/24/80	0	1	
GWMP0405	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/16/86-07/16/86	0	1	
GWMP0417	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/19/78-09/21/82	3	41	
GWMP0418	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/10/91-01/14/93	1	2	
GWMP0422	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/03/93	13	7	
GWMP0467	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/06/94	14	7	
GWMP0475	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/19/81-08/19/81	0	1	
GWMP0480	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0097	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0151	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0218	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/76-09/01/76	0	1	
GWMP0418	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0467	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0036	Yes	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	08/06/87-06/28/90	2	6	
GWMP0332	No	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	01/01/64-01/01/69	5	10	
GWMP0485	Yes	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-01/01/69	6	12	
GWMP0036	Yes	01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	06/28/90-06/28/90	0	3	
GWMP0332	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/01/64-01/01/69	5	10	
GWMP0417	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-05/03/94	16	68	
GWMP0485	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-01/01/69	6	12	
GWMP0417	No	01076	SILVER, SUSPENDED (UG/L AS AG)	12/20/77-06/23/81	3	15	
GWMP0036	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	0	2	
GWMP0097	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	0	1	
GWMP0208	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	0	2	
GWMP0216	No	01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	0	1	
GWMP0417	No	01077	SILVER, TOTAL (UG/L AS AG)	09/01/76-09/21/82	6	34	
GWMP0422	No	01077	SILVER, TOTAL (UG/L AS AG)	09/07/88-09/07/88	0	1	
GWMP0475	No	01077	SILVER, TOTAL (UG/L AS AG)	08/19/81-08/19/81	0	1	
GWMP0480	No	01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0097	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/09/92-07/26/95	3	2	
GWMP0192	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/09/92-06/09/92	0	1	
GWMP0255	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0418	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0467	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/24/95-08/24/95	0	1	
GWMP0332	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/01/64-01/01/69	5	10	
GWMP0417	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/01/82-05/03/94	11	48	
GWMP0485	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-01/01/69	6	12	
GWMP0332	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	01/01/64-01/01/69	5	10	
GWMP0417	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	12/01/82-05/03/94	11	48	
GWMP0485	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-01/01/69	6	12	
GWMP0332	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/01/64-01/01/69	5	10	
GWMP0417	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/08/73-05/03/94	21	84	S
GWMP0485	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-01/01/69	6	12	
GWMP0417	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/19/74-09/28/81	7	35	
GWMP0017	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	5	7	
GWMP0036	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	18	15	
GWMP0041	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/06/70-05/21/74	4	10	
GWMP0046	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/15/75-11/27/78	3	4	
GWMP0060	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/18/87-11/18/87	0	1	
GWMP0074	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/25/89-07/25/89	0	1	
GWMP0077	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	6	17	
GWMP0083	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	0	1	
GWMP0090	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	18	15	
GWMP0124	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
GWMP0126	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	6	18	
GWMP0131	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	0	1	
GWMP0132	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
GWMP0133	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/89-01/23/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0147	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/89-01/23/89	0	1	
GWMP0151	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-07/14/86	11	11	
GWMP0155	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/88-11/29/89	1	3	
GWMP0192	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/06/91-07/13/94	2	3	
GWMP0194	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	6	18	
GWMP0203	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-07/09/90	6	19	
GWMP0204	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	18	14	
GWMP0210	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
GWMP0216	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	0	1	
GWMP0218	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/15/75-07/14/86	11	8	
GWMP0221	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
GWMP0241	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	6	19	
GWMP0243	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	6	18	
GWMP0245	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/08/87-07/08/87	0	1	
GWMP0255	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-01/07/93	18	9	
GWMP0268	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/08/87-07/08/87	0	1	
GWMP0271	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/84-07/09/90	6	18	
GWMP0278	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/84-07/09/90	6	18	
GWMP0291	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/17/90	6	17	
GWMP0295	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	5	7	
GWMP0297	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	6	17	
GWMP0298	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/24/80-06/24/80	0	1	
GWMP0300	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	6	19	
GWMP0313	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	6	18	
GWMP0322	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-05/07/90	6	16	
GWMP0327	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-05/07/90	6	13	
GWMP0330	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-07/10/90	5	13	
GWMP0348	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	6	12	
GWMP0359	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	6	18	
GWMP0398	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	6	16	
GWMP0399	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	6	18	
GWMP0405	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/16/86-07/16/86	0	1	
GWMP0407	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-07/10/90	6	17	
GWMP0408	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	6	16	
GWMP0410	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-07/10/90	6	17	
GWMP0411	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	6	18	
GWMP0417	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	18	73	
GWMP0418	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/10/91-01/14/93	1	2	
GWMP0422	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-03/03/93	20	18	
GWMP0441	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/07/75-04/11/79	3	6	
GWMP0467	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-07/06/94	21	18	
GWMP0470	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-04/11/79	6	12	
GWMP0475	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/19/81-08/19/81	0	1	
GWMP0480	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	6	3	
GWMP0255	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0417	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	11/16/93-05/03/94	0	3	
GWMP0216	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	0	1	
GWMP0480	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0097	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0192	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0255	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0418	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0467	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/24/95-08/24/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0332	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/01/64-01/01/69	5	10	
GWMP0417	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/76-09/28/81	5	83	
GWMP0475	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/19/81-08/19/81	0	1	
GWMP0484	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/86-04/09/86	0	2	
GWMP0485	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-01/01/69	5	11	
GWMP0486	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/86-04/09/86	0	2	
GWMP0417	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	15	162	
GWMP0438	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/02/86-07/02/86	0	1	
GWMP0475	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/81-08/19/81	0	1	
GWMP0417	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	12/19/78-09/28/81	2	76	
GWMP0475	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/19/81-08/19/81	0	1	
GWMP0036	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0097	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0192	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0255	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0418	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0467	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/24/95-08/24/95	0	1	
GWMP0417	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/01/82-05/03/94	11	48	
GWMP0020	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-09/25/79	0	5	
GWMP0028	No	01140	SILICON, DISSOLVED (UG/L AS SI)	03/03/86-06/15/87	1	75	
GWMP0062	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-09/25/79	0	5	
GWMP0078	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0115	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0159	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0249	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0292	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0331	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0357	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0382	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0414	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
GWMP0434	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	03/04/86-06/02/87	1	15	
GWMP0455	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	5	
GWMP0477	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	5	
GWMP0417	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/08/73-05/03/94	21	91	S
GWMP0485	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	0	2	
GWMP0417	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	06/19/74-06/23/81	7	35	
GWMP0036	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4	5	
GWMP0077	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	10	
GWMP0097	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4	4	
GWMP0126	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	11	
GWMP0192	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/06/91-01/07/93	1	2	
GWMP0194	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	11	
GWMP0203	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	3	11	
GWMP0208	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4	4	
GWMP0216	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	0	1	
GWMP0241	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	11	
GWMP0243	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	3	9	
GWMP0255	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/06/91-01/07/93	1	2	
GWMP0271	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	3	10	
GWMP0278	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	3	11	
GWMP0291	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	3	8	
GWMP0297	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	11	
GWMP0300	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	3	9	
GWMP0313	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	3	9	
GWMP0322	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-10/24/89	3	7	
GWMP0327	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-10/24/89	3	6	
GWMP0330	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	9	
GWMP0348	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	5	
GWMP0359	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	4	11	
GWMP0398	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-07/16/90	3	10	
GWMP0399	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	10	
GWMP0407	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	10	
GWMP0408	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	10	
GWMP0410	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	10	
GWMP0411	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	3	10	
GWMP0417	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/26/74-09/21/82	8	47	
GWMP0418	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/10/91-01/14/93	1	2	
GWMP0422	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/07/88-03/03/93	4	3	
GWMP0467	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/91-03/03/93	1	2	
GWMP0480	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-07/26/95	12	3	
GWMP0097	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-07/26/95	12	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0151	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0192	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-06/09/92	9	2	
GWMP0218	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0255	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/19/73-06/19/73	0	1	
GWMP0418	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	3	2	
GWMP0467	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/24/95	12	2	
GWMP0036	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/28/90-06/28/90	0	3	
GWMP0479	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/77-10/01/86	9	15	
GWMP0036	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0097	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0192	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0255	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0467	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/24/95-08/24/95	0	1	
GWMP0429	No	01350	TURBIDITY (SEVERITY)	01/05/73-12/09/80	7	83	
GWMP0450	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/09/80	9	152	
GWMP0451	No	01350	TURBIDITY (SEVERITY)	02/10/83-11/07/84	1	20	
GWMP0453	No	01350	TURBIDITY (SEVERITY)	02/10/83-11/07/84	1	21	
GWMP0461	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	156	
GWMP0464	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/09/80	9	152	
GWMP0465	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	156	
GWMP0472	No	01350	TURBIDITY (SEVERITY)	01/15/71-12/02/80	9	150	
GWMP0473	No	01350	TURBIDITY (SEVERITY)	01/15/71-12/02/80	9	150	
GWMP0487	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	156	
GWMP0491	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	137	
GWMP0493	No	01350	TURBIDITY (SEVERITY)	01/05/72-12/02/80	8	111	
GWMP0494	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	159	
GWMP0495	No	01350	TURBIDITY (SEVERITY)	01/22/71-11/30/71	0	45	
GWMP0496	No	01350	TURBIDITY (SEVERITY)	08/28/73-12/02/80	7	71	
GWMP0497	No	01350	TURBIDITY (SEVERITY)	01/22/71-12/02/80	9	140	
GWMP0498	No	01350	TURBIDITY (SEVERITY)	07/20/71-12/13/71	0	9	
GWMP0499	No	01350	TURBIDITY (SEVERITY)	01/21/71-12/02/80	9	159	
GWMP0036	Yes	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-05/07/91	11	35	
GWMP0046	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	05/13/85-07/08/85	0	3	
GWMP0060	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/18/87-11/18/87	0	1	
GWMP0097	Yes	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-08/03/87	8	31	
GWMP0151	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-06/01/87	7	70	
GWMP0192	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/06/90-07/27/95	4	19	
GWMP0208	Yes	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/14/79-10/15/90	11	31	
GWMP0218	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-07/06/87	8	76	
GWMP0255	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/06/90-07/27/95	4	17	
GWMP0385	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/05/78-07/05/78	0	1	
GWMP0417	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	03/25/93-12/07/93	0	3	
GWMP0418	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/27/90-10/19/95	5	17	
GWMP0422	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-11/07/95	16	161	
GWMP0429	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/05/73-12/09/80	7	83	
GWMP0450	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/09/80	9	125	
GWMP0451	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	02/10/83-11/07/84	1	18	
GWMP0453	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	02/10/83-11/07/84	1	11	
GWMP0461	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/30/71-12/02/80	9	129	
GWMP0464	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/09/80	9	125	
GWMP0465	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/06/71-12/02/80	9	128	
GWMP0467	Yes	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/02/79-10/04/95	16	162	
GWMP0472	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/30/71-12/02/80	9	124	
GWMP0473	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/30/71-12/02/80	9	124	
GWMP0487	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/02/80	9	129	
GWMP0491	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/07/71-12/02/80	9	116	
GWMP0493	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/05/72-12/02/80	8	111	
GWMP0494	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/02/80	9	133	
GWMP0495	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-11/30/71	0	19	
GWMP0496	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/28/73-12/02/80	7	71	
GWMP0497	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/02/80	9	116	
GWMP0498	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/29/71-12/13/71	0	8	
GWMP0499	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/28/71-12/02/80	9	132	
GWMP0332	No	01501	ALPHA, TOTAL	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01501	ALPHA, TOTAL	11/04/57-03/02/70	12	93	
GWMP0332	No	01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01502	ALPHA, TOTAL, COUNTING ERROR	11/04/57-03/02/70	12	69	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0332	No	01503	ALPHA, DISSOLVED	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01503	ALPHA, DISSOLVED	11/04/57-03/02/70	12	93	
GWMP0332	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01504	ALPHA, DISSOLVED, COUNTING ERROR	11/04/57-03/02/70	12	69	
GWMP0332	No	01505	ALPHA, SUSPENDED	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01505	ALPHA, SUSPENDED	11/04/57-03/02/70	12	93	
GWMP0332	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	01506	ALPHA, SUSPENDED, COUNTING ERROR	11/04/57-03/02/70	12	69	
GWMP0485	Yes	01507	ALPHA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	02/02/70-03/02/70	0	3	
GWMP0485	Yes	01508	ALPHA, GROSS IN SEDIMENT, COUNTING ERROR	02/02/70-04/03/70	0	3	
GWMP0417	No	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	10/17/79-03/24/80	0	2	
GWMP0417	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	10/17/79-02/16/84	4	6	
GWMP0332	No	03501	BETA, TOTAL	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03501	BETA, TOTAL	11/04/57-04/03/70	12	218	
GWMP0332	No	03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	12	172	
GWMP0332	No	03503	BETA, DISSOLVED	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03503	BETA, DISSOLVED	11/04/57-04/03/70	12	218	
GWMP0332	No	03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	12	172	
GWMP0332	No	03505	BETA, SUSPENDED	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03505	BETA, SUSPENDED	11/04/57-04/03/70	12	218	
GWMP0332	No	03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	5	101	
GWMP0485	Yes	03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	12	172	
GWMP0485	Yes	03507	BETA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	02/02/70-04/03/70	0	3	
GWMP0485	Yes	03508	BETA, GROSS IN SEDIMENT, COUNTING ERROR	02/02/70-04/03/70	0	3	
GWMP0417	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	19	36	
GWMP0417	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	19	36	
GWMP0417	No	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	09/01/92-09/14/93	1	3	
GWMP0417	No	04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	09/01/92-09/14/93	1	3	
GWMP0417	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	08/28/74-05/03/94	19	36	
GWMP0218	No	10938	INVALID PARAMETER	04/14/81-04/14/81	0	1	
GWMP0332	No	13501	STRONTIUM 90, TOTAL	07/01/63-01/01/65	1	4	
GWMP0485	Yes	13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	6	16	
GWMP0332	No	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	0	1	
GWMP0485	Yes	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	0	1	
GWMP0417	No	22703	URANIUM, NATURAL, DISSOLVED	09/09/87-05/03/94	6	13	
GWMP0043	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0047	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0069	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0071	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0072	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0079	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0109	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0145	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	0	5	
GWMP0289	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0289	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0302	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
GWMP0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	35	
GWMP0047	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	39	
GWMP0069	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	39	
GWMP0071	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	37	
GWMP0072	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	41	
GWMP0079	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	40	
GWMP0109	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	40	
GWMP0145	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	4	40	
GWMP0485	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/71-09/19/72	1	26	
GWMP0332	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	5	243	
GWMP0485	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	14	474	
GWMP0017	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-08/03/77	1	4	
GWMP0019	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-06/01/81	6	30	
GWMP0020	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/77-07/06/77	0	1	
GWMP0028	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	9	137	
GWMP0036	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	2	9	
GWMP0041	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/06/70-04/06/70	0	1	
GWMP0043	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0047	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	24	
GWMP0069	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0071	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0072	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0077	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-11/13/89	6	31	
GWMP0079	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0097	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-10/21/77	2	13	
GWMP0109	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	24	
GWMP0114	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-05/31/78	3	13	
GWMP0126	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	6	34	
GWMP0145	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	3	23	
GWMP0159	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/77-07/06/77	0	1	
GWMP0194	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	6	34	
GWMP0203	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	5	4	
GWMP0204	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-12/14/83	0	3	
GWMP0208	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	2	19	
GWMP0241	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	6	35	
GWMP0243	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	0	3	
GWMP0271	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	5	5	
GWMP0278	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/12/83-07/17/89	5	3	
GWMP0281	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-03/18/70	0	1	
GWMP0291	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/13/83	0	3	
GWMP0295	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-06/29/76	0	2	
GWMP0297	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	6	34	
GWMP0300	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	0	4	
GWMP0309	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-04/30/70	0	2	
GWMP0313	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	0	3	
GWMP0322	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/12/83-07/17/89	5	3	
GWMP0327	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	5	5	
GWMP0330	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/20/83-12/20/83	0	1	
GWMP0333	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0348	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	0	4	
GWMP0355	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	43	
GWMP0359	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	6	34	
GWMP0369	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0371	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/20/71	0	1	
GWMP0373	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0376	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0381	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0387	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0389	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/21/71	0	2	
GWMP0396	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0398	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	6	34	
GWMP0399	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	0	4	
GWMP0400	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/21/71-07/21/71	0	1	
GWMP0403	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	42	
GWMP0406	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0407	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/19/83-02/22/84	0	2	
GWMP0408	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	0	4	
GWMP0410	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/84-02/22/84	0	1	
GWMP0411	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/83-02/22/84	0	3	
GWMP0413	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0415	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/73-12/27/73	0	172	
GWMP0419	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
GWMP0421	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
GWMP0424	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	0	1	
GWMP0426	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/01/71-07/02/71	0	23	
GWMP0427	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	43	
GWMP0429	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-08/13/86	6	13	
GWMP0430	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
GWMP0433	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	0	1	
GWMP0434	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	14	114	
GWMP0435	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/15/69-06/03/81	11	29	
GWMP0436	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/73-08/07/73	0	1	
GWMP0450	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-12/09/80	0	12	
GWMP0451	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/85-10/18/85	0	1	
GWMP0453	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/85-10/18/85	0	1	
GWMP0454	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0457	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0458	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0461	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	6	13	
GWMP0462	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/03/74-06/03/81	7	48	
GWMP0463	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	9	57	
GWMP0464	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-12/09/80	0	12	
GWMP0465	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	6	13	
GWMP0468	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0472	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0473	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0476	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0482	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/08/73-01/15/73	0	4	
GWMP0485	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	6	68	
GWMP0487	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0491	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0492	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
GWMP0493	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	6	13	
GWMP0494	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	6	13	
GWMP0496	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0497	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	0	12	
GWMP0499	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	6	13	
GWMP0003	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	0	2	
GWMP0005	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	0	2	
GWMP0007	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	0	2	
GWMP0011	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	0	7	
GWMP0023	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	0	2	
GWMP0028	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/06/86-06/01/87	1	17	
GWMP0034	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	0	2	
GWMP0035	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	0	2	
GWMP0036	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	31	
GWMP0065	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/08/67	0	8	
GWMP0096	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	0	13	
GWMP0097	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	31	
GWMP0121	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/13/67	0	15	
GWMP0123	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	0	16	
GWMP0151	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/27/84-02/27/84	0	1	
GWMP0180	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	0	13	
GWMP0197	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	0	3	
GWMP0206	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	0	8	
GWMP0208	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	30	
GWMP0209	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	0	16	
GWMP0218	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/08/82-02/27/84	1	3	
GWMP0279	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	0	1	
GWMP0287	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	0	2	
GWMP0296	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	0	4	
GWMP0310	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	0	1	
GWMP0347	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	0	10	
GWMP0368	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	0	4	
GWMP0378	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	0	9	
GWMP0412	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-03/13/67	0	15	
GWMP0422	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	30	
GWMP0429	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	6	72	
GWMP0434	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/07/86-06/02/87	1	15	
GWMP0450	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	7	94	
GWMP0456	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-02/20/67	0	4	
GWMP0461	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	97	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0463	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/07/86-06/02/87	1	11	
GWMP0464	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	7	92	
GWMP0465	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	7	96	
GWMP0467	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	30	
GWMP0472	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	96	
GWMP0473	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	95	
GWMP0481	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
GWMP0487	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	96	
GWMP0491	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	7	98	
GWMP0493	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	7	99	
GWMP0494	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	7	99	
GWMP0496	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	6	59	
GWMP0497	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	7	97	
GWMP0498	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-12/13/71	0	1	
GWMP0499	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	7	97	
GWMP0020	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-08/07/79	0	1	
GWMP0062	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-08/07/79	0	1	
GWMP0078	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0115	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0159	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0249	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0292	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0331	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0357	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0382	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
GWMP0414	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	0	1	
GWMP0455	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	0	1	
GWMP0477	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	0	1	
GWMP0043	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0047	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0069	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0071	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0072	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0079	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0109	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0145	No	31515	INVALID PARM	05/12/75-10/20/75	0	6	
GWMP0003	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	0	2	
GWMP0005	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	0	2	
GWMP0007	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	0	2	
GWMP0011	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	0	8	
GWMP0023	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	0	2	
GWMP0028	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/15/85-12/09/85	0	10	
GWMP0034	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	0	2	
GWMP0035	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	0	2	
GWMP0065	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/10/67	0	9	
GWMP0096	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	0	13	
GWMP0121	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/13/67	0	16	
GWMP0123	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	0	16	
GWMP0180	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	0	13	
GWMP0197	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	0	3	
GWMP0206	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	0	9	
GWMP0209	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	0	16	
GWMP0251	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	0	3	
GWMP0279	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	0	4	
GWMP0287	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	0	2	
GWMP0296	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	0	4	
GWMP0310	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	0	4	
GWMP0347	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	0	11	
GWMP0368	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	0	4	
GWMP0378	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	0	10	
GWMP0412	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-03/13/67	0	15	
GWMP0429	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	6	72	
GWMP0434	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/08/80-12/10/85	5	58	
GWMP0450	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	7	94	
GWMP0456	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-02/20/67	0	4	
GWMP0461	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	97	
GWMP0463	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/16/85-12/10/85	0	10	
GWMP0464	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	7	92	
GWMP0465	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	7	96	
GWMP0472	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	96	
GWMP0473	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	95	
GWMP0481	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0487	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	96	
GWMP0491	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	7	98	
GWMP0493	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	7	99	
GWMP0494	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	7	99	
GWMP0496	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	6	59	
GWMP0497	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	7	96	
GWMP0498	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-12/13/71	0	1	
GWMP0499	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	7	97	
GWMP0019	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	6	30	
GWMP0020	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	9	3	
GWMP0028	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	3	47	
GWMP0043	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	64	
GWMP0047	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	69	
GWMP0062	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	9	2	
GWMP0069	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	69	
GWMP0071	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	67	
GWMP0072	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	70	
GWMP0077	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	6	33	
GWMP0078	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
GWMP0079	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	70	
GWMP0109	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	71	
GWMP0114	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-05/31/78	3	13	
GWMP0115	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	3	
GWMP0126	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	6	36	
GWMP0145	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	69	
GWMP0159	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	4	
GWMP0194	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	6	36	
GWMP0203	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	6	38	
GWMP0204	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-12/14/83	0	3	
GWMP0241	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	6	36	
GWMP0243	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	6	31	
GWMP0249	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	3	
GWMP0271	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	6	38	
GWMP0278	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	6	36	
GWMP0281	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	0	4	
GWMP0291	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	6	32	
GWMP0292	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	3	
GWMP0297	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	6	36	
GWMP0300	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	6	33	
GWMP0309	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	0	5	
GWMP0313	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	6	32	
GWMP0322	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-11/06/89	5	37	
GWMP0327	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	6	31	
GWMP0330	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	6	31	
GWMP0331	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
GWMP0333	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0348	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/17/89	5	30	
GWMP0357	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
GWMP0359	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	6	36	
GWMP0369	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0373	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0376	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0381	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0382	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
GWMP0387	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0396	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0398	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	6	36	
GWMP0399	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	6	40	
GWMP0406	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0407	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	6	38	
GWMP0408	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	6	31	
GWMP0410	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-01/23/90	5	35	
GWMP0411	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	6	39	
GWMP0413	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0414	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	0	1	
GWMP0415	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0417	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/73-12/27/73	0	152	
GWMP0429	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-08/13/86	6	13	
GWMP0434	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	3	45	
GWMP0435	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	11	29	
GWMP0436	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/73-08/07/73	0	1	
GWMP0450	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	0	12	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0451	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	0	1	
GWMP0453	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	0	1	
GWMP0454	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0455	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	0	1	
GWMP0457	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0458	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0461	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	6	13	
GWMP0462	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	7	48	
GWMP0463	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	3	45	
GWMP0464	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	0	12	
GWMP0465	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	6	13	
GWMP0468	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0472	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0473	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0476	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0477	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	0	1	
GWMP0482	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/15/73	0	3	
GWMP0485	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/01/67-08/01/68	0	11	
GWMP0487	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0491	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0492	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
GWMP0493	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	6	13	
GWMP0494	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	6	13	
GWMP0496	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0497	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	0	12	
GWMP0499	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	6	13	
GWMP0017	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	7	49	
GWMP0028	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/06/86-06/01/87	1	17	
GWMP0036	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	21	194	T,S
GWMP0038	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	20	
GWMP0041	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	31	
GWMP0046	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/15/79	4	26	
GWMP0060	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/87-11/18/87	0	1	
GWMP0073	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/78-06/20/79	0	6	
GWMP0074	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/12/77-09/12/77	0	1	
GWMP0076	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	23	
GWMP0077	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0097	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	21	192	T,S
GWMP0113	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	22	
GWMP0124	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-07/17/74	2	30	
GWMP0126	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0131	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	0	1	
GWMP0132	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	30	
GWMP0133	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	0	1	
GWMP0147	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	0	1	
GWMP0151	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	12	124	
GWMP0155	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	0	1	
GWMP0161	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	22	
GWMP0192	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/91-07/27/95	4	18	
GWMP0194	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0208	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	21	190	T,S
GWMP0210	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	32	
GWMP0218	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	12	101	
GWMP0219	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	23	
GWMP0221	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	30	
GWMP0231	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-01/05/76	1	2	
GWMP0241	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0245	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	0	1	
GWMP0255	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	20	43	
GWMP0268	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	0	1	
GWMP0290	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	0	1	
GWMP0295	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	7	50	
GWMP0297	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0298	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-06/24/80	5	3	
GWMP0335	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	20	
GWMP0359	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	4	
GWMP0385	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/78-07/05/78	0	1	
GWMP0398	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	0	5	
GWMP0405	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/86-07/16/86	0	1	
GWMP0417	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/26/74-09/07/76	2	32	
GWMP0418	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/91-10/19/95	4	15	
GWMP0422	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	23	188	T,S

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0434	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/07/86-06/02/87	1	16	
GWMP0438	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-08/26/69	0	2	
GWMP0441	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/11/74-06/11/79	4	25	
GWMP0442	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/76-02/10/76	0	1	
GWMP0446	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/75-04/30/75	0	1	
GWMP0463	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/07/86-06/02/87	1	11	
GWMP0467	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	23	207	S
GWMP0470	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	6	49	
GWMP0355	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/15/71-08/12/71	0	43	
GWMP0371	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/20/71	0	1	
GWMP0389	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	0	2	
GWMP0400	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	0	2	
GWMP0403	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	0	39	
GWMP0419	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
GWMP0421	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
GWMP0424	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	0	1	
GWMP0426	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/01/71-07/02/71	0	23	
GWMP0427	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	0	40	
GWMP0430	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
GWMP0433	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	0	1	
GWMP0417	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	17	131	
GWMP0438	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/83-07/02/86	3	3	
GWMP0077	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0126	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0194	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0203	Yes	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-09/17/90	0	6	
GWMP0241	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0243	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	0	4	
GWMP0271	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	0	2	
GWMP0278	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	0	2	
GWMP0291	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	0	5	
GWMP0297	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0300	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	0	5	
GWMP0313	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	0	5	
GWMP0322	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	0	2	
GWMP0327	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	0	2	
GWMP0330	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	0	6	
GWMP0348	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/18/90	0	5	
GWMP0359	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	4	
GWMP0398	Yes	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	0	5	
GWMP0399	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	0	6	
GWMP0407	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	0	4	
GWMP0408	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	0	5	
GWMP0410	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	0	5	
GWMP0411	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	0	6	
GWMP0038	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	20	
GWMP0076	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	23	
GWMP0113	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	22	
GWMP0161	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	22	
GWMP0219	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	23	
GWMP0290	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	0	1	
GWMP0335	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	20	
GWMP0417	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	17	133	
GWMP0438	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/83-07/02/86	3	3	
GWMP0011	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	0	7	
GWMP0034	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	0	2	
GWMP0065	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/08/67	0	8	
GWMP0096	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	0	13	
GWMP0121	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/13/67	0	14	
GWMP0123	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	0	16	
GWMP0180	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	0	13	
GWMP0197	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	0	3	
GWMP0206	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	0	8	
GWMP0209	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	0	16	
GWMP0287	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	0	2	
GWMP0296	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	0	4	
GWMP0347	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	0	10	
GWMP0368	Yes	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	0	4	
GWMP0378	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	0	9	
GWMP0412	Yes	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-03/13/67	0	14	
GWMP0456	Yes	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-02/20/67	0	4	
GWMP0355	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	11	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0403	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	11	
GWMP0417	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/10/73-12/19/73	0	47	
GWMP0427	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	9	
GWMP0464	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/05/73-01/05/73	0	1	
GWMP0482	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/10/73-01/10/73	0	1	
GWMP0417	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/26/74-10/12/76	2	33	
GWMP0355	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	42	
GWMP0389	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	0	1	
GWMP0400	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	0	2	
GWMP0403	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	41	
GWMP0419	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
GWMP0421	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
GWMP0424	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	0	1	
GWMP0426	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	0	20	
GWMP0427	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	40	
GWMP0430	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
GWMP0433	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
GWMP0332	No	32000	SAMPLE SIZE (LITERS)	11/09/66-08/06/68	1	22	
GWMP0485	Yes	32000	SAMPLE SIZE (LITERS)	10/12/66-07/14/70	3	38	
GWMP0332	No	32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	5	63	
GWMP0485	Yes	32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	14	157	
GWMP0485	Yes	32002	SAMPLE SIZE (MILLILITERS)	03/16/71-04/06/71	0	2	
GWMP0332	No	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	5	61	
GWMP0485	Yes	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	14	161	
GWMP0332	No	32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	5	61	
GWMP0485	Yes	32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	14	161	
GWMP0332	No	32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	5	63	
GWMP0485	Yes	32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	14	161	
GWMP0332	No	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	6	64	
GWMP0332	No	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	6	64	
GWMP0332	No	32023	ACIDS, STRONG	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32023	ACIDS, STRONG	10/14/57-10/22/63	6	64	
GWMP0332	No	32024	ACIDS, WEAK	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32024	ACIDS, WEAK	10/14/57-10/22/63	6	64	
GWMP0332	No	32025	BASES	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32025	BASES	10/14/57-10/22/63	6	64	
GWMP0332	No	32026	NEUTRALS, TOTAL	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32026	NEUTRALS, TOTAL	10/14/57-10/22/63	6	64	
GWMP0332	No	32027	ALIPHATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	6	64	
GWMP0332	No	32028	AROMATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	6	64	
GWMP0332	No	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
GWMP0485	Yes	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	6	64	
GWMP0113	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
GWMP0414	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
GWMP0414	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
GWMP0414	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	32104	BROMOFORM,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
GWMP0414	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	

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Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	32106	CHLOROFORM,WHOLE WATER,UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/13/75-02/13/75	0	1	
GWMP0414	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0001	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/31/83	0	4	
GWMP0016	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-10/14/83	0	6	
GWMP0038	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/08/79-11/09/83	4	583	
GWMP0044	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-10/14/83	0	6	
GWMP0076	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/15/79-11/09/83	3	410	
GWMP0113	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	4	951	
GWMP0161	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/28/83	3	322	
GWMP0219	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/14/79-09/28/83	3	297	
GWMP0262	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/03/83	0	1	
GWMP0277	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-08/31/83	0	3	
GWMP0290	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/22/81	1	64	
GWMP0335	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/04/80-09/28/83	3	238	
GWMP0417	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-09/24/81	1	307	
GWMP0003	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	0	4	
GWMP0005	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	0	4	
GWMP0007	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	0	4	
GWMP0009	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/25/70-07/09/70	0	6	
GWMP0023	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	0	4	
GWMP0026	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/24/70-03/23/70	0	2	
GWMP0027	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/25/70-07/09/70	0	7	
GWMP0028	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	3	222	
GWMP0035	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	0	4	
GWMP0036	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/82-09/26/94	12	62	
GWMP0097	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/21/81-09/13/94	13	47	
GWMP0208	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-09/13/94	13	49	
GWMP0251	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	0	4	
GWMP0279	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	0	5	
GWMP0310	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	0	6	
GWMP0333	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0369	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0373	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0376	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0381	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0387	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0396	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0406	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0413	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0415	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0434	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	47	
GWMP0436	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/07/73-08/09/73	0	3	
GWMP0454	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0457	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0458	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0463	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	45	
GWMP0468	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0476	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0481	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	0	1	
GWMP0492	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
GWMP0028	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	8	300	
GWMP0036	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	12	61	
GWMP0038	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/29/79-10/06/79	0	5	
GWMP0076	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-10/06/79	0	17	
GWMP0084	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	43	
GWMP0097	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	13	46	
GWMP0113	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-11/28/79	0	115	
GWMP0149	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	0	1	
GWMP0157	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	40	
GWMP0161	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-08/31/79	0	9	
GWMP0208	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	13	48	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0217	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	0	1	
GWMP0219	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	0	11	
GWMP0261	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	18	
GWMP0264	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	0	15	
GWMP0335	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	0	8	
GWMP0417	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/09/79	0	42	
GWMP0434	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	8	62	
GWMP0463	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	8	55	
GWMP0028	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	3	222	
GWMP0434	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	47	
GWMP0463	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	45	
GWMP0001	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/31/83	0	4	
GWMP0016	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-10/14/83	0	6	
GWMP0038	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/08/79-11/09/83	4	583	
GWMP0044	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-10/14/83	0	6	
GWMP0076	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/15/79-11/09/83	3	409	
GWMP0113	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	4	951	
GWMP0161	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/28/83	3	322	
GWMP0219	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/14/79-09/28/83	3	297	
GWMP0262	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/03/83	0	1	
GWMP0277	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-08/31/83	0	3	
GWMP0290	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/22/81	1	64	
GWMP0335	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/04/80-09/28/83	3	238	
GWMP0417	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-09/24/81	1	307	
GWMP0028	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	3	222	
GWMP0434	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	47	
GWMP0463	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	3	45	
GWMP0001	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/31/83	0	4	
GWMP0016	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-10/14/83	0	6	
GWMP0038	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/08/79-11/09/83	4	582	
GWMP0044	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-10/14/83	0	6	
GWMP0076	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/15/79-11/09/83	3	409	
GWMP0077	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0081	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0089	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0113	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	4	951	
GWMP0161	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/28/83	3	322	
GWMP0194	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0219	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/14/79-09/28/83	3	296	
GWMP0241	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0243	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	0	1	
GWMP0262	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/03/83	0	1	
GWMP0277	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-08/31/83	0	3	
GWMP0290	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/22/81	1	64	
GWMP0291	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	0	1	
GWMP0297	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0313	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	0	1	
GWMP0335	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/04/80-09/28/83	3	238	
GWMP0359	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0398	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
GWMP0417	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-09/24/81	1	307	
GWMP0028	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	8	300	
GWMP0036	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	12	61	
GWMP0038	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/29/79-10/06/79	0	5	
GWMP0076	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-10/06/79	0	17	
GWMP0077	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	3	23	
GWMP0084	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	42	
GWMP0097	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	13	46	
GWMP0113	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/11/79	0	111	
GWMP0126	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	3	24	
GWMP0149	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	0	1	
GWMP0157	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	36	
GWMP0161	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-08/31/79	0	9	
GWMP0194	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	3	24	
GWMP0203	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	0	1	
GWMP0204	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-12/14/83	0	3	
GWMP0208	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	13	48	
GWMP0217	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	0	1	
GWMP0219	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	0	11	
GWMP0241	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	3	34	
GWMP0243	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/15/86	3	30	
GWMP0261	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	15	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0263	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-12/15/83	0	3	
GWMP0264	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	0	15	
GWMP0291	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-10/15/86	3	29	
GWMP0297	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	3	31	
GWMP0300	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/27/86	3	42	
GWMP0313	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/27/86	3	47	
GWMP0322	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	0	1	
GWMP0327	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	0	1	
GWMP0330	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/84-10/21/86	2	13	
GWMP0335	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	0	8	
GWMP0348	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	3	22	
GWMP0359	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	3	30	
GWMP0398	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	3	22	
GWMP0399	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/18/83	0	1	
GWMP0407	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/14/86-01/14/86	0	1	
GWMP0408	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	3	22	
GWMP0410	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/84-10/21/86	2	22	
GWMP0411	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/18/83	0	1	
GWMP0417	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/09/79	0	41	
GWMP0434	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	8	60	
GWMP0463	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	8	52	
GWMP0036	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/19/82-09/26/94	12	62	
GWMP0097	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/21/81-09/13/94	13	46	
GWMP0208	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-08/16/94	13	48	
GWMP0077	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	3	23	
GWMP0126	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	3	24	
GWMP0194	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	3	24	
GWMP0203	Yes	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	0	1	
GWMP0204	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-12/14/83	0	3	
GWMP0241	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	34	
GWMP0243	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/15/86	3	30	
GWMP0263	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-12/15/83	0	3	
GWMP0291	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-10/15/86	3	31	
GWMP0297	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	31	
GWMP0300	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/27/86	3	43	
GWMP0313	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/27/86	3	47	
GWMP0322	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	0	1	
GWMP0327	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	0	1	
GWMP0330	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/13/84-10/21/86	2	14	
GWMP0348	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	3	22	
GWMP0359	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	31	
GWMP0398	Yes	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	23	
GWMP0399	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/18/83	0	1	
GWMP0407	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/14/86-01/14/86	0	1	
GWMP0408	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	3	23	
GWMP0410	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/25/84-10/21/86	2	23	
GWMP0411	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/18/83	0	1	
GWMP0417	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/26/74-06/22/76	1	8	
GWMP0417	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/26/74-06/22/76	1	8	
GWMP0020	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-09/25/79	0	9	
GWMP0021	No	32230	CHLOROPHYLL A (MG/L)	02/24/70-02/24/70	0	1	
GWMP0025	No	32230	CHLOROPHYLL A (MG/L)	02/26/69-02/26/69	0	1	
GWMP0038	No	32230	CHLOROPHYLL A (MG/L)	08/29/79-10/06/79	0	5	
GWMP0061	No	32230	CHLOROPHYLL A (MG/L)	02/26/69-02/26/69	0	1	
GWMP0062	No	32230	CHLOROPHYLL A (MG/L)	02/10/75-09/25/79	4	10	
GWMP0076	No	32230	CHLOROPHYLL A (MG/L)	07/19/79-10/06/79	0	17	
GWMP0078	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
GWMP0084	No	32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	0	43	
GWMP0113	No	32230	CHLOROPHYLL A (MG/L)	04/25/79-10/11/79	0	114	
GWMP0115	No	32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	7	11	
GWMP0149	No	32230	CHLOROPHYLL A (MG/L)	08/06/79-08/06/79	0	1	
GWMP0157	No	32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	0	40	
GWMP0159	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
GWMP0161	No	32230	CHLOROPHYLL A (MG/L)	07/19/79-08/31/79	0	10	
GWMP0217	No	32230	CHLOROPHYLL A (MG/L)	08/06/79-08/06/79	0	1	
GWMP0219	No	32230	CHLOROPHYLL A (MG/L)	07/24/79-10/06/79	0	11	
GWMP0249	No	32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	7	11	
GWMP0261	No	32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	0	19	
GWMP0264	No	32230	CHLOROPHYLL A (MG/L)	07/26/79-07/26/79	0	15	
GWMP0292	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
GWMP0331	No	32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	7	43	
GWMP0335	No	32230	CHLOROPHYLL A (MG/L)	08/09/79-08/24/79	0	8	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0357	Yes	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	8	
GWMP0382	Yes	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
GWMP0397	Yes	32230	CHLOROPHYLL A (MG/L)	12/02/76-12/02/76	0	1	
GWMP0414	Yes	32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	0	10	
GWMP0417	No	32230	CHLOROPHYLL A (MG/L)	04/25/79-10/09/79	0	42	
GWMP0455	No	32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	0	10	
GWMP0477	Yes	32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	0	10	
GWMP0292	No	32237	PIGMENTS, PHEAD (MG/L)	06/30/71-06/30/71	0	2	
GWMP0309	No	32237	PIGMENTS, PHEAD (MG/L)	04/30/70-04/30/70	0	1	
GWMP0036	Yes	32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	0	6	
GWMP0097	Yes	32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	0	6	
GWMP0208	Yes	32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	0	6	
GWMP0418	No	32240	TANNIN AND LIGNIN (MG/L)	10/26/92-01/14/93	0	2	
GWMP0422	No	32240	TANNIN AND LIGNIN (MG/L)	08/05/92-01/14/93	0	3	
GWMP0467	Yes	32240	TANNIN AND LIGNIN (MG/L)	02/03/92-12/02/92	0	3	
GWMP0113	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/07/81-06/26/81	0	2	
GWMP0216	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/19/79-03/22/80	0	2	
GWMP0417	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/31/80-06/25/81	0	2	
GWMP0451	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0453	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0480	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
GWMP0451	No	34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0453	No	34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0113	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/07/81-06/26/81	0	2	
GWMP0216	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/19/79-03/22/80	0	2	
GWMP0417	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/31/80-06/25/81	0	2	
GWMP0451	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0453	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	0	1	
GWMP0480	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
GWMP0216	No	34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34200	ACENAPHTHYLENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34204	ACENAPHTHYLENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34205	ACENAPHTHENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34209	ACENAPHTHENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34210	ACROLEIN TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34215	ACRYLONITRILE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34220	ANTHRACENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34224	ANTHRACENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34247	BENZO-A-PYRENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34251	BENZO-A-PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	34252	BERYLLIUM WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	34258	B-BHC-BETA WET WGTTISMG/KG	08/06/87-06/28/90	2	5	
GWMP0036	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/22/80-03/22/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0418	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/06/87-06/28/90	2	5	
GWMP0216	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34301	CHLOROBENZENE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34301	CHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34301	CHLOROBENZENE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0350	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	0	1	
GWMP0113	No	34311	CHLOROETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34311	CHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34311	CHLOROETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34320	CHRYSENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34324	CHRYSENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34336	DIETHYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34341	DIMETHYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0036	Yes	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0036	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0036	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34371	ETHYLBENZENE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34371	ETHYLBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34371	ETHYLBENZENE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	34371	ETHYLBENZENE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	34371	ETHYLBENZENE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34376	FLUORANTHENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34380	FLUORANTHENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34381	FLUORENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34385	FLUORENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0289	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0216	No	34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34396	HEXACHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34408	ISOPHORONE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34413	METHYL BROMIDE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34413	METHYL BROMIDE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34413	METHYL BROMIDE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34418	METHYL CHLORIDE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34423	METHYLENE CHLORIDE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0216	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34446	NAPHTHALENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34447	NITROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34452	PARACHLOROMETA CRESOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34461	PHENANTHRENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34465	PHENANTHRENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34469	PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34469	PYRENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34469	PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34473	PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0113	No	34475	TETRACHLOROETHYLENE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-07/26/95	12	3	
GWMP0097	Yes	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-07/26/95	12	4	
GWMP0151	No	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	3	2	
GWMP0192	No	34480	THALLIUM DRY WGTBOTMG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-06/09/92	9	2	
GWMP0218	No	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	3	2	
GWMP0255	No	34480	THALLIUM DRY WGTBOTMG/KG	07/26/95-07/26/95	0	1	
GWMP0418	No	34480	THALLIUM DRY WGTBOTMG/KG	05/25/95-05/25/95	0	1	
GWMP0422	No	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	3	2	
GWMP0467	Yes	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/24/95	12	2	
GWMP0113	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34496	1,1-DICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/19/79-03/22/80	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0289	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0216	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34561	1,3-DICHLOROPROPENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0480	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34581	2-CHLORONAPHTHALENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34586	2-CHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34591	2-NITROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34601	2,4-DICHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0438	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/17/80-09/17/80	0	1	
GWMP0216	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34611	2,4-DINITROTOLUENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0414	Yes	34616	2,4-DINITROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34626	2,6-DINITROTOLUENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34646	4-NITROPHENOL TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34664	PCB - 1221 WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	34667	PCB - 1232 WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0113	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/07/81-06/26/81	0	2	
GWMP0414	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0417	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/31/80-06/25/81	0	2	
GWMP0036	Yes	34669	PCB - 1248 WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	34670	PCB - 1260 WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	34670	PCB - 1260 WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0036	Yes	34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	34671	PCB - 1016 TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	34671	PCB - 1016 TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	34671	PCB - 1016 TOTWUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	34671	PCB - 1016 TOTWUG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	34671	PCB - 1016 TOTWUG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	34671	PCB - 1016 TOTWUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	34671	PCB - 1016 TOTWUG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34674	PCB - 1016 WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/01/79-06/28/90	10	21	
GWMP0114	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/81-10/01/81	0	4	
GWMP0479	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
GWMP0036	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/01/79-06/28/90	10	21	
GWMP0042	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	07/31/70-07/31/70	0	1	
GWMP0114	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/01/81-10/01/81	0	4	
GWMP0479	Yes	34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	17	38	
GWMP0036	Yes	34685	ENDRIN WET WGTTISMG/KG	08/01/79-06/28/90	10	21	
GWMP0114	No	34685	ENDRIN WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	34685	ENDRIN WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34685	ENDRIN WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	16	35	
GWMP0036	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	0	3	
GWMP0036	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34687	HEPTACHLOR WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	17	38	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0036	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/01/79-06/28/90	10	20	
GWMP0114	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/77-10/01/86	9	15	
GWMP0036	Yes	34689	PCB - 1242 WET WGTTISMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	34690	PCB - 1254 WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0036	Yes	34691	TOXAPHENE WET WGTTISMG/KG	08/06/87-06/28/90	2	6	
GWMP0114	No	34691	TOXAPHENE WET WGTTISMG/KG	10/01/81-10/01/81	0	4	
GWMP0479	Yes	34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	15	31	
GWMP0216	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0216	No	34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	34696	NAPHTHALENE TOTWUG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
GWMP0289	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	12/17/86-12/17/86	0	1	
GWMP0144	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	08/27/92-08/27/92	0	1	
GWMP0144	No	34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34880	IRON,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	34985	TIN,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0144	No	35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	0	1	
GWMP0332	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-06/04/68	4	44	
GWMP0485	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-04/01/68	4	46	
GWMP0036	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0097	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0151	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0208	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0218	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0422	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0467	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
GWMP0036	Yes	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0097	Yes	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0151	No	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0208	Yes	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0218	No	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0422	No	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0467	Yes	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
GWMP0036	Yes	38744	CHLORPYRIFOS-METHYL TISWETWGTMG/KG	06/28/90-06/28/90	0	2	
GWMP0036	Yes	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	38745	2,4-DB WATER, TOTUG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	6	2	
GWMP0218	No	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	38745	2,4-DB WATER, TOTUG/L	07/14/93-07/14/93	0	1	
GWMP0418	No	38745	2,4-DB WATER, TOTUG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/07/93	6	2	
GWMP0289	No	38824	ISOPROPALIN TISWETWGTMG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	38824	ISOPROPALIN TISWETWGTMG/KG	12/17/86-12/17/86	0	1	
GWMP0417	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	09/17/80-09/01/81	0	11	
GWMP0417	No	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	09/06/77-08/16/78	0	4	
GWMP0036	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	13	6	
GWMP0151	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/14/86	6	5	
GWMP0192	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/01/79-07/13/93	13	5	
GWMP0216	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/14/86	6	5	
GWMP0255	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/19/79-03/22/80	0	2	
GWMP0418	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/07/93	13	6	
GWMP0480	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0417	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/01/79-09/01/81	2	34	
GWMP0417	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	07/17/79-09/01/81	2	29	
GWMP0417	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	04/26/79-09/01/81	2	33	
GWMP0417	No	39056	PROMETONE IN WHOLE WATER (UG/L)	07/17/79-09/01/81	2	29	
GWMP0417	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	04/26/79-09/01/81	2	33	
GWMP0036	Yes	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/01/79-07/12/84	4	15	
GWMP0036	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-07/26/95	8	3	
GWMP0151	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/11/86	0	1	
GWMP0192	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-06/09/92	5	3	
GWMP0218	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/11/86	0	1	
GWMP0255	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/26/95-07/26/95	0	1	
GWMP0418	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	05/25/95-05/25/95	0	1	
GWMP0422	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-10/30/91	5	2	
GWMP0467	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/24/95	9	3	
GWMP0036	Yes	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/01/79-07/12/84	4	15	
GWMP0289	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
GWMP0302	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
GWMP0479	Yes	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	9	15	
GWMP0036	Yes	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/01/79-07/12/84	4	15	
GWMP0289	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
GWMP0302	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
GWMP0479	Yes	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	9	15	
GWMP0036	Yes	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0151	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/01/79-06/28/90	10	21	
GWMP0479	Yes	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/77-10/01/86	9	15	
GWMP0036	Yes	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/01/79-06/28/90	10	20	
GWMP0479	Yes	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/77-10/01/86	9	15	
GWMP0036	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/01/79-06/28/90	10	21	
GWMP0114	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/81-10/01/81	0	4	
GWMP0289	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/84-08/29/84	0	1	
GWMP0302	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/17/86-12/17/86	0	1	
GWMP0479	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	17	22	
GWMP0417	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/10/87-07/08/94	6	40	
GWMP0036	Yes	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0479	Yes	39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	17	38	
GWMP0216	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	0	2	
GWMP0480	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39113	DIBUTYL PHTHALATES IN FISH,ANIMAL WET WGT UG/KG	06/28/90-06/28/90	0	3	
GWMP0216	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/19/79-03/22/80	0	2	
GWMP0480	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0113	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
GWMP0113	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/07/81-06/26/81	0	2	
GWMP0216	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/19/79-03/22/80	0	2	
GWMP0417	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/31/80-06/25/81	0	2	
GWMP0451	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	0	1	
GWMP0453	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	0	1	
GWMP0480	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
GWMP0417	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	10/12/76-09/01/81	4	35	
GWMP0438	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	08/01/79-06/28/90	10	21	
GWMP0479	Yes	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	17	38	
GWMP0036	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0151	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0192	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
GWMP0216	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0255	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0418	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	6	
GWMP0480	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	4	15	
GWMP0114	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	0	4	
GWMP0036	Yes	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0422	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39309	O P DDT IN AQUATIC ORGANISMS WET WEIGHT BASIS(UG/G	08/01/79-07/12/84	4	15	
GWMP0036	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0151	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0192	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
GWMP0216	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0255	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0418	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	6	
GWMP0480	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	4	15	
GWMP0114	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	0	4	
GWMP0036	Yes	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0289	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0151	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0192	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
GWMP0216	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0255	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0418	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	6	
GWMP0480	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/01/79-07/12/84	4	15	
GWMP0114	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	4	15	
GWMP0036	Yes	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0422	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0036	Yes	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/01/79-07/12/84	4	15	
GWMP0036	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	7	
GWMP0097	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	7	
GWMP0151	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	6	
GWMP0192	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	6	
GWMP0216	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	6	
GWMP0255	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0332	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0414	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	7	
GWMP0467	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	7	
GWMP0480	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-07/26/95	14	3	
GWMP0097	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-07/26/95	14	4	
GWMP0149	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0151	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0192	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-06/09/92	11	3	
GWMP0217	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0255	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0438	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-08/24/95	14	2	
GWMP0289	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0151	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	0	1	
GWMP0192	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0216	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
GWMP0218	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	0	1	
GWMP0255	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/22/80-03/22/80	0	1	
GWMP0418	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/19/93-07/19/93	0	1	
GWMP0422	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/07/93	6	2	
GWMP0480	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0151	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	0	1	
GWMP0192	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0216	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
GWMP0218	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	0	1	
GWMP0255	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/22/80-03/22/80	0	1	
GWMP0418	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/19/93-07/19/93	0	1	
GWMP0422	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/07/93	6	2	
GWMP0480	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
GWMP0289	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
GWMP0332	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/64-09/29/67	3	3	
GWMP0414	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/80-03/22/80	0	1	
GWMP0417	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/12/76-09/01/81	4	40	
GWMP0418	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/07/58-09/29/67	9	17	
GWMP0149	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/30/77-08/30/77	0	1	
GWMP0217	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/31/77-08/31/77	0	1	
GWMP0417	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/01/76-09/01/76	0	1	
GWMP0438	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/17/80-09/17/80	0	1	
GWMP0289	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0151	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/01/79-09/08/81	1	3	
GWMP0216	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0414	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/22/80-03/22/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/12/76-09/01/81	4	40	
GWMP0422	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	1	4	
GWMP0480	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	0	1	
GWMP0036	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-07/26/95	8	3	
GWMP0149	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/30/77-08/30/77	0	1	
GWMP0151	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/11/86	0	1	
GWMP0192	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-06/09/92	5	3	
GWMP0217	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/31/77-08/31/77	0	1	
GWMP0218	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/11/86	0	1	
GWMP0255	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0417	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/01/76-09/01/76	0	1	
GWMP0418	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/25/95-05/25/95	0	1	
GWMP0422	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-10/30/91	5	2	
GWMP0438	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/24/95	9	3	
GWMP0289	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0332	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0417	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0485	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0097	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0149	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0151	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0192	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
GWMP0217	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0255	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	5	2	
GWMP0438	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	9	3	
GWMP0332	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0417	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0485	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0097	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0149	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0151	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0192	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
GWMP0217	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0255	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	5	2	
GWMP0438	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	9	3	
GWMP0332	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0417	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0485	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0149	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0151	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0192	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	3	
GWMP0217	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0255	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	5	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0438	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	9	3	
GWMP0036	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/12/84-07/12/84	0	3	
GWMP0036	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0151	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0192	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
GWMP0216	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0255	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0332	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0414	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	6	
GWMP0480	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	8	3	
GWMP0149	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/30/77-08/30/77	0	1	
GWMP0151	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	0	1	
GWMP0192	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	5	3	
GWMP0217	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/31/77-08/31/77	0	1	
GWMP0218	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	0	1	
GWMP0255	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/26/95-07/26/95	0	1	
GWMP0417	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/01/76-09/01/76	0	1	
GWMP0418	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/25/95-05/25/95	0	1	
GWMP0422	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-10/30/91	5	2	
GWMP0438	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/24/95	9	3	
GWMP0417	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/01/79-09/01/81	2	34	
GWMP0438	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0017	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/06/74-05/06/74	0	1	
GWMP0036	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0097	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0151	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0192	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
GWMP0216	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	5	
GWMP0255	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0332	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0414	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	6	
GWMP0467	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	6	
GWMP0480	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0097	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0149	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0151	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0192	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
GWMP0217	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0255	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	5	2	
GWMP0438	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	9	3	
GWMP0417	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0192	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0216	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0480	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	8	3	
GWMP0149	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/30/77-08/30/77	0	1	
GWMP0151	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	0	1	
GWMP0192	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	5	3	
GWMP0217	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/31/77-08/31/77	0	1	
GWMP0218	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	0	1	
GWMP0255	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/26/95-07/26/95	0	1	
GWMP0417	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/01/76-09/01/76	0	1	
GWMP0418	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/25/95-05/25/95	0	1	
GWMP0422	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-10/30/91	5	2	
GWMP0438	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/24/95	9	3	
GWMP0036	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/01/79-06/28/90	10	21	
GWMP0114	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	0	4	
GWMP0289	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
GWMP0302	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
GWMP0289	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0192	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0216	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0332	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
GWMP0414	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0480	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0036	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0097	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	8	3	
GWMP0149	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0151	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0192	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
GWMP0217	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0218	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	0	1	
GWMP0255	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/26/95-07/26/95	0	1	
GWMP0417	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0418	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/25/95-05/25/95	0	1	
GWMP0422	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	5	2	
GWMP0438	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0467	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	9	3	
GWMP0036	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0192	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0216	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0332	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0414	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	0	1	
GWMP0417	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	40	
GWMP0418	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0480	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0485	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	9	17	
GWMP0149	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/30/77-08/30/77	0	1	
GWMP0217	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/31/77-08/31/77	0	1	
GWMP0417	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/01/76-09/01/76	0	1	
GWMP0438	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0097	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
GWMP0218	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0417	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/77-09/01/81	3	32	
GWMP0422	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0438	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0216	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0480	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0216	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0218	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
GWMP0414	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	0	1	
GWMP0418	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	6	2	
GWMP0480	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39515	PCBS (MG/KG) FISH TISSUE MG/KG	08/01/79-06/28/90	10	21	
GWMP0036	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	5	
GWMP0097	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	13	5	
GWMP0113	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/07/81-01/07/81	0	1	
GWMP0151	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0192	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	4	
GWMP0218	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0255	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0417	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	39	
GWMP0418	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/21/74-07/13/93	19	6	
GWMP0467	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	13	5	
GWMP0149	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/30/77-08/30/77	0	1	
GWMP0217	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/31/77-08/31/77	0	1	
GWMP0417	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-07/26/95	8	4	
GWMP0097	Yes	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-07/26/95	8	3	
GWMP0151	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/11/86	0	1	
GWMP0192	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-06/09/92	5	3	
GWMP0218	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/11/86	0	1	
GWMP0255	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/26/95-07/26/95	0	1	
GWMP0418	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	05/25/95-05/25/95	0	1	
GWMP0422	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-10/30/91	5	2	
GWMP0467	Yes	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/24/95	9	3	
GWMP0417	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0422	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	0	1	
GWMP0417	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0097	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0151	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0208	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0218	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0417	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/06/77-09/01/81	3	38	
GWMP0422	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0467	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
GWMP0036	Yes	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0097	Yes	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0151	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0208	Yes	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0218	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0422	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
GWMP0467	Yes	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/14/81	0	1	
GWMP0036	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0097	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0151	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0208	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
GWMP0216	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0218	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0414	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/19/79-03/22/80	0	2	
GWMP0422	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0467	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	1	4	
GWMP0480	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
GWMP0216	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	0	1	
GWMP0414	Yes	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	10/19/79-03/22/80	0	2	
GWMP0480	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0192	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0218	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0417	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	38	
GWMP0418	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0417	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	0	1	
GWMP0036	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0192	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0218	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0417	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	38	
GWMP0418	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0417	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	0	1	
GWMP0417	No	39755	MIREX, TOTAL (UG/L)	03/01/79-09/01/81	2	34	
GWMP0438	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0036	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0097	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0151	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0192	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0208	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0218	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	0	1	
GWMP0255	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
GWMP0417	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	4	38	
GWMP0418	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	0	1	
GWMP0422	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
GWMP0467	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	6	2	
GWMP0417	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	0	1	
GWMP0422	No	39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	0	1	
GWMP0036	Yes	39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	08/01/79-07/12/84	4	15	
GWMP0479	Yes	39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	0	3	
GWMP0036	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/01/79-06/28/90	10	20	
GWMP0114	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/81-10/01/81	0	4	
GWMP0289	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/77-10/01/84	7	12	
GWMP0417	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0417	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	2	6	
GWMP0417	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	0	1	
GWMP0438	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	0	1	
GWMP0043	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0047	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0069	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0071	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0072	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0079	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0109	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0145	No	40000	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0036	Yes	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/28/90-06/28/90	0	3	
GWMP0289	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	0	1	
GWMP0097	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	0	1	
GWMP0192	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/07/93-07/13/94	1	2	
GWMP0208	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	0	1	
GWMP0255	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/07/93-01/07/93	0	1	
GWMP0418	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/14/93-01/14/93	0	1	
GWMP0422	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/03/93-03/03/93	0	1	
GWMP0467	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/03/93-07/06/94	1	2	
GWMP0130	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/03/69-11/04/69	0	7	
GWMP0357	Yes	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/21/81-08/04/81	0	2	
GWMP0362	Yes	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/09/69-11/11/69	0	11	
GWMP0017	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	7	21	
GWMP0036	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	13	81	
GWMP0041	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	2	15	
GWMP0046	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	11/23/76-11/23/76	0	1	
GWMP0073	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/21/78-06/20/79	0	6	
GWMP0097	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	13	78	
GWMP0124	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/01/72-08/29/74	2	13	
GWMP0151	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/12/75-08/06/85	9	13	
GWMP0208	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	13	81	
GWMP0210	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	2	13	
GWMP0218	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	11/23/76-08/06/85	8	11	
GWMP0255	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/12/75-08/12/75	0	1	
GWMP0295	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	7	21	
GWMP0422	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/14/81-07/07/87	6	10	
GWMP0467	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/14/81-07/07/87	6	9	
GWMP0043	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0047	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0069	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0071	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0072	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0079	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0109	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	5	
GWMP0145	No	50531	INVALID PARAMETER	11/10/75-03/08/76	0	4	
GWMP0038	No	60050	ALGAE, TOTAL (CELLS/ML)	09/05/79-09/22/81	2	66	
GWMP0076	No	60050	ALGAE, TOTAL (CELLS/ML)	08/27/79-08/26/81	1	39	
GWMP0113	No	60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-09/22/81	2	236	
GWMP0149	No	60050	ALGAE, TOTAL (CELLS/ML)	01/11/80-07/22/80	0	3	
GWMP0161	No	60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	2	42	
GWMP0178	No	60050	ALGAE, TOTAL (CELLS/ML)	08/03/81-08/13/81	0	67	
GWMP0179	No	60050	ALGAE, TOTAL (CELLS/ML)	08/03/81-08/13/81	0	104	
GWMP0219	No	60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	2	46	
GWMP0284	No	60050	ALGAE, TOTAL (CELLS/ML)	07/09/81-08/26/81	0	5	
GWMP0290	No	60050	ALGAE, TOTAL (CELLS/ML)	10/21/80-09/22/81	0	13	
GWMP0332	No	60050	ALGAE, TOTAL (CELLS/ML)	07/17/63-11/05/68	5	66	
GWMP0335	No	60050	ALGAE, TOTAL (CELLS/ML)	08/24/79-08/26/81	2	41	
GWMP0417	No	60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	8	186	
GWMP0485	Yes	60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	5	64	
GWMP0485	Yes	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	5	64	
GWMP0485	Yes	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	07/17/63-11/05/68	5	66	
GWMP0485	Yes	60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	07/17/63-09/10/68	5	65	
GWMP0485	Yes	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	07/17/63-11/05/68	5	66	
GWMP0485	Yes	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	07/17/63-09/10/68	5	64	
GWMP0485	Yes	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	07/17/63-06/06/67	3	55	
GWMP0485	Yes	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/02/61-05/30/67	5	87	
GWMP0332	No	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/08/66-06/06/67	0	3	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0485	Yes	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/03/66-05/30/67	0	4	
GWMP0332	No	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/08/66-06/06/67	0	3	
GWMP0485	Yes	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/03/66-05/30/67	0	4	
GWMP0332	No	60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	11/08/66-06/06/67	0	2	
GWMP0485	Yes	60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/03/66-05/30/67	0	4	
GWMP0332	No	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	11/08/66-06/06/67	0	3	
GWMP0485	Yes	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-05/30/67	0	4	
GWMP0332	No	60400	DIATOMS, CENTRIC (/ML)	07/17/63-11/05/68	5	66	
GWMP0485	Yes	60400	DIATOMS, CENTRIC (/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60600	DIATOMS, PENNATE (/ML)	07/17/63-11/05/68	5	66	
GWMP0485	Yes	60600	DIATOMS, PENNATE (/ML)	10/02/61-11/01/67	6	91	
GWMP0332	No	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	11/08/66-11/05/68	1	15	
GWMP0485	Yes	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-11/01/67	1	9	
GWMP0332	No	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	11/08/66-11/05/68	1	15	
GWMP0485	Yes	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/01/67	1	9	
GWMP0485	Yes	60820	PROTOZOA, TOTAL (/ML)	10/02/61-09/17/62	0	24	
GWMP0485	Yes	60850	ROTIFERS, TOTAL (/LITER)	10/02/61-04/15/63	1	38	
GWMP0485	Yes	60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-04/15/63	1	38	
GWMP0485	Yes	60950	NEMATODES, TOTAL (/LITER)	10/02/61-04/15/63	1	38	
GWMP0485	Yes	60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-04/15/63	1	38	
GWMP0332	No	61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
GWMP0485	Yes	61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/30/67	0	4	
GWMP0332	No	61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
GWMP0485	Yes	61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/30/67	0	4	
GWMP0332	No	61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
GWMP0485	Yes	61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/30/67	0	4	
GWMP0332	No	61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	2	
GWMP0485	Yes	61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/30/67	0	4	
GWMP0043	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0047	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0069	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0071	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0072	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0079	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0109	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	5	
GWMP0145	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	0	4	
GWMP0028	No	70222	WAVE HEIGHT (WMO CODE 1555)	01/06/86-12/12/94	8	528	
GWMP0077	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	173	
GWMP0081	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	33	
GWMP0089	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	33	
GWMP0126	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-06/11/90	6	183	
GWMP0150	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-06/11/90	6	34	
GWMP0160	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-06/11/90	6	34	
GWMP0194	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	177	
GWMP0201	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	35	
GWMP0204	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	35	
GWMP0215	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-08/13/90	6	35	
GWMP0241	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-09/24/90	6	222	
GWMP0242	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	36	
GWMP0243	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	151	
GWMP0252	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	35	
GWMP0257	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	36	
GWMP0260	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	36	
GWMP0263	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	93	
GWMP0265	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	37	
GWMP0267	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	34	
GWMP0270	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	37	
GWMP0283	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	35	
GWMP0285	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/02/84-09/11/90	5	27	
GWMP0291	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-09/11/90	6	184	
GWMP0294	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-06/12/90	6	35	
GWMP0297	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-09/24/90	6	245	
GWMP0299	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-06/12/90	6	36	
GWMP0300	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/24/90	6	264	
GWMP0306	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	36	
GWMP0312	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/11/90	6	38	
GWMP0313	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/24/90	6	130	
GWMP0326	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	35	
GWMP0334	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	44	
GWMP0352	No	70222	WAVE HEIGHT (WMO CODE 1555)	05/13/85-08/13/90	5	30	
GWMP0354	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	33	
GWMP0356	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	34	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0359	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-09/24/90	6	272	
GWMP0370	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	35	
GWMP0372	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	34	
GWMP0375	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	35	
GWMP0380	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	35	
GWMP0384	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	34	
GWMP0398	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-08/13/90	6	114	
GWMP0434	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	01/07/86-06/02/87	1	19	
GWMP0463	No	70222	WAVE HEIGHT (WMO CODE 1555)	01/07/86-06/02/87	1	14	
GWMP0251	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	0	3	
GWMP0279	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
GWMP0281	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
GWMP0309	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
GWMP0310	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
GWMP0019	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/76-06/01/81	5	37	
GWMP0045	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	8	2	
GWMP0095	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-08/04/77	0	1	
GWMP0113	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/65-02/04/81	15	8	
GWMP0114	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/76-05/31/78	2	19	
GWMP0118	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	8	2	
GWMP0146	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/69-08/05/77	8	2	
GWMP0149	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/08/56-08/30/77	21	4	
GWMP0153	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-04/28/69	0	1	
GWMP0207	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-04/28/69	0	1	
GWMP0214	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-08/04/77	0	1	
GWMP0217	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/20/52-08/31/77	24	5	
GWMP0219	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/81-08/25/81	0	2	
GWMP0259	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-08/05/77	8	2	
GWMP0379	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	8	2	
GWMP0386	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/69-08/04/77	8	2	
GWMP0404	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	8	2	
GWMP0417	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	21	198	T,S
GWMP0423	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	0	1	
GWMP0435	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/69-06/03/81	11	45	
GWMP0438	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/65-02/09/83	17	3	
GWMP0443	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	0	1	
GWMP0444	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-05/06/69	0	1	
GWMP0447	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/69-08/05/77	8	2	
GWMP0451	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/84-02/09/84	0	1	
GWMP0452	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	0	1	
GWMP0453	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/84-02/09/84	0	1	
GWMP0462	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	7	66	
GWMP0466	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/45-08/31/77	32	6	
GWMP0471	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/77-08/29/77	0	1	
GWMP0475	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/81-08/19/81	0	1	
GWMP0485	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-12/30/69	0	34	
GWMP0490	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	0	1	
GWMP0038	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/79-08/25/81	1	6	
GWMP0045	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	8	2	
GWMP0076	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/79-08/25/81	1	5	
GWMP0095	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/77-08/04/77	0	1	
GWMP0113	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/21/66-09/22/81	15	20	
GWMP0118	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	8	2	
GWMP0146	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/30/69-08/05/77	8	2	
GWMP0149	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/69-08/30/77	8	3	
GWMP0153	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-04/28/69	0	1	
GWMP0161	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	2	4	
GWMP0207	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-04/28/69	0	1	
GWMP0214	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/77-08/04/77	0	1	
GWMP0217	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/69-08/31/77	8	2	
GWMP0219	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	2	6	
GWMP0259	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/69-08/05/77	8	2	
GWMP0335	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	2	4	
GWMP0379	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	8	2	
GWMP0386	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/69-08/04/77	8	2	
GWMP0404	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	8	2	
GWMP0417	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	12	175	
GWMP0423	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	0	1	
GWMP0438	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/09/83-02/09/83	0	1	
GWMP0443	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	0	1	
GWMP0444	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/69-05/06/69	0	1	
GWMP0447	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/04/69-08/05/77	8	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0452	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/06/68-08/31/77	9	4	
GWMP0471	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/77-08/29/77	0	1	
GWMP0475	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/81-08/19/81	0	1	
GWMP0490	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/26/68-08/05/77	8	2	
GWMP0045	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	8	2	
GWMP0095	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/04/77-08/04/77	0	1	
GWMP0113	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/21/66-09/21/66	0	1	
GWMP0118	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	8	2	
GWMP0146	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/30/69-08/05/77	8	2	
GWMP0149	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/69-08/30/77	8	3	
GWMP0153	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-04/28/69	0	1	
GWMP0207	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-04/28/69	0	1	
GWMP0214	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/04/77-08/04/77	0	1	
GWMP0217	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/69-08/31/77	8	2	
GWMP0219	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/25/81-07/25/81	0	1	
GWMP0259	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/69-08/05/77	8	2	
GWMP0379	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	8	2	
GWMP0386	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/69-08/04/77	8	2	
GWMP0404	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	8	2	
GWMP0417	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	9	173	
GWMP0423	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	0	1	
GWMP0438	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/09/65-08/19/65	0	2	
GWMP0443	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	0	1	
GWMP0444	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/69-05/06/69	0	1	
GWMP0447	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/04/69-08/05/77	8	2	
GWMP0452	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	0	1	
GWMP0466	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/06/68-08/31/77	9	4	
GWMP0471	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/77-08/29/77	0	1	
GWMP0490	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/26/68-08/05/77	8	2	
GWMP0038	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/79-08/25/81	1	6	
GWMP0045	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	8	2	
GWMP0076	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/79-08/25/81	1	5	
GWMP0095	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/77-08/04/77	0	1	
GWMP0113	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/65-09/22/81	16	21	
GWMP0118	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	8	2	
GWMP0146	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/30/69-08/05/77	8	2	
GWMP0149	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/69-08/30/77	8	3	
GWMP0153	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-04/28/69	0	1	
GWMP0161	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	2	4	
GWMP0207	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-04/28/69	0	1	
GWMP0214	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/77-08/04/77	0	1	
GWMP0217	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/69-08/31/77	8	2	
GWMP0219	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	2	8	
GWMP0259	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/69-08/05/77	8	2	
GWMP0335	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	2	4	
GWMP0379	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	8	2	
GWMP0386	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/69-08/04/77	8	2	
GWMP0404	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	8	2	
GWMP0417	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	10	175	
GWMP0423	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	0	1	
GWMP0438	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/09/65-08/19/65	0	2	
GWMP0443	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	0	1	
GWMP0444	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/69-05/06/69	0	1	
GWMP0447	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/04/69-08/05/77	8	2	
GWMP0452	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	0	1	
GWMP0466	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/06/68-08/31/77	9	4	
GWMP0471	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/77-08/29/77	0	1	
GWMP0490	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/26/68-08/05/77	8	2	
GWMP0479	Yes	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/77-10/01/86	9	15	
GWMP0113	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/15/81-04/17/81	0	9	
GWMP0149	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	19	215	
GWMP0438	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/27/75-09/27/75	0	1	
GWMP0113	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	04/15/81-04/17/81	0	8	
GWMP0149	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/27/79-11/07/85	6	46	
GWMP0438	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	09/27/75-09/27/75	0	2	
GWMP0113	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	04/15/81-04/17/81	0	6	
GWMP0149	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/27/79-11/07/85	6	42	
GWMP0438	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	09/27/75-09/27/75	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0113	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	04/17/81-04/17/81	0	2	
GWMP0149	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/27/79-11/07/85	6	22	
GWMP0438	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	09/27/75-09/27/75	0	2	
GWMP0149	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	02/27/79-05/02/80	1	8	
GWMP0417	No	70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	02/27/79-03/01/79	0	6	
GWMP0113	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/15/81-04/17/81	0	9	
GWMP0417	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/01/79-11/07/85	6	9	
GWMP0438	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/27/75-09/27/75	0	1	
GWMP0113	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/15/81-04/17/81	0	9	
GWMP0149	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/27/79-11/07/85	6	47	
GWMP0438	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/27/75-09/27/75	0	2	
GWMP0113	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	04/15/81-04/17/81	0	9	
GWMP0149	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/27/79-11/07/85	6	46	
GWMP0438	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/27/75-09/27/75	0	2	
GWMP0113	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/15/81-04/17/81	0	9	
GWMP0149	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/27/79-11/07/85	6	47	
GWMP0438	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/27/75-09/27/75	0	2	
GWMP0113	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	04/15/81-04/17/81	0	9	
GWMP0149	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	03/13/80-04/26/80	0	2	
GWMP0417	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/27/79-11/07/85	6	47	
GWMP0438	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/27/75-09/27/75	0	2	
GWMP0438	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/27/75-09/27/75	0	1	
GWMP0017	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/26/72-06/20/79	7	43	
GWMP0036	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	4	48	
GWMP0041	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/05/70-08/29/74	4	32	
GWMP0046	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-05/15/79	4	26	
GWMP0073	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/21/78-06/20/79	0	6	
GWMP0097	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	4	48	
GWMP0124	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0132	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	30	
GWMP0151	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	4	50	
GWMP0208	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	4	48	
GWMP0210	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0218	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-05/23/79	4	27	
GWMP0221	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0255	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	4	24	
GWMP0295	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	7	45	
GWMP0422	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/10/79	6	50	
GWMP0441	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10/11/74-06/11/79	4	25	
GWMP0467	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	6	72	
GWMP0470	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	6	49	
GWMP0017	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/26/72-06/20/79	7	44	
GWMP0036	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	21	88	S
GWMP0038	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	0	1	
GWMP0040	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/95-09/05/95	0	3	
GWMP0041	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/05/70-08/29/74	4	33	
GWMP0046	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-05/15/79	4	26	
GWMP0073	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/21/78-06/20/79	0	6	
GWMP0076	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	0	1	
GWMP0097	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	21	89	S
GWMP0113	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	0	2	
GWMP0124	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0132	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	30	
GWMP0151	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	4	49	
GWMP0192	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/92-07/27/95	3	13	
GWMP0208	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	21	88	S
GWMP0210	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0218	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-05/23/79	4	27	
GWMP0221	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	32	
GWMP0255	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/30/74-07/27/95	20	35	
GWMP0295	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	7	45	
GWMP0335	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	0	1	
GWMP0417	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/76-11/18/92	16	95	
GWMP0418	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/28/92-10/19/95	3	12	
GWMP0422	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	23	88	S
GWMP0441	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/11/74-06/11/79	4	25	
GWMP0467	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	23	105	S

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0470	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-06/11/79	6	49	
GWMP0417	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	11/09/76-08/05/80	3	7	
GWMP0038	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-08/18/81	0	1	
GWMP0113	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	6	
GWMP0290	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	2	
GWMP0417	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	03/27/79-09/28/81	2	62	
GWMP0038	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-08/18/81	0	1	
GWMP0113	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	6	
GWMP0290	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	2	
GWMP0417	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	03/27/79-09/28/81	2	62	
GWMP0417	No	70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	11/09/76-12/07/76	0	2	
GWMP0417	No	70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	11/09/76-12/07/76	0	2	
GWMP0417	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/17/77-08/05/80	3	7	
GWMP0417	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/17/77-08/05/80	3	7	
GWMP0289	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/29/84-08/29/84	0	1	
GWMP0302	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	12/17/86-12/17/86	0	1	
GWMP0038	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	1	16	
GWMP0076	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	1	14	
GWMP0113	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/19/81	1	35	
GWMP0161	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	09/15/80-09/15/80	0	3	
GWMP0219	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	1	13	
GWMP0290	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	10/21/80-06/30/81	0	5	
GWMP0335	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-07/08/81	0	5	
GWMP0038	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	1	29	
GWMP0076	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	1	30	
GWMP0113	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	1	55	
GWMP0161	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	1	26	
GWMP0178	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	08/03/81-08/13/81	0	39	
GWMP0179	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	08/03/81-08/13/81	0	65	
GWMP0219	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	1	28	
GWMP0290	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	03/04/81-03/04/81	0	1	
GWMP0335	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	1	28	
GWMP0332	No	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	06/06/67-06/06/67	0	1	
GWMP0485	Yes	71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0332	No	71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	06/06/67-06/06/67	0	1	
GWMP0485	Yes	71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0485	Yes	71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0332	No	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/02/66-05/30/67	0	3	
GWMP0332	No	71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/08/66-06/06/67	0	3	
GWMP0485	Yes	71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/02/66-05/30/67	0	2	
GWMP0332	No	71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	06/06/67-06/06/67	0	1	
GWMP0485	Yes	71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0332	No	71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	06/06/67-06/06/67	0	1	
GWMP0485	Yes	71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0485	Yes	71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	05/30/67-05/30/67	0	1	
GWMP0038	No	71100	SESTON, TOTAL - MG/L	08/29/79-08/20/80	0	23	
GWMP0076	No	71100	SESTON, TOTAL - MG/L	08/29/79-08/20/80	0	18	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0113	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	48	
GWMP0161	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	24	
GWMP0219	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	22	
GWMP0335	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	19	
GWMP0417	No	71100	SESTON, TOTAL - MG/L	08/22/79-06/26/80	0	3	
GWMP0038	No	71101	SESTON, ASH FREE WGT (MG/L)	08/29/79-08/20/80	0	23	
GWMP0076	No	71101	SESTON, ASH FREE WGT (MG/L)	08/29/79-08/20/80	0	18	
GWMP0113	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	48	
GWMP0161	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	24	
GWMP0219	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	22	
GWMP0335	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	19	
GWMP0417	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-06/26/80	0	3	
GWMP0417	No	71820	DENSITY (GM/ML AT 20 C)	07/02/86-07/02/86	0	1	
GWMP0025	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	1	50	
GWMP0038	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	1	10	
GWMP0061	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	1	52	
GWMP0076	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	1	10	
GWMP0113	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/01/79-02/04/81	1	86	
GWMP0122	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	1	50	
GWMP0149	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/13/80-08/01/80	0	3	
GWMP0161	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/03/80-02/04/81	0	7	
GWMP0217	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/06/79-08/06/79	0	1	
GWMP0219	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	1	9	
GWMP0247	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	1	51	
GWMP0290	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/21/80-02/04/81	0	3	
GWMP0335	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	07/23/80-10/02/80	0	4	
GWMP0417	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/10/78-01/27/81	2	103	
GWMP0438	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	01/24/80-01/24/80	0	1	
GWMP0038	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/29/79-09/25/81	2	70	
GWMP0076	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	2	54	
GWMP0084	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	0	42	
GWMP0113	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-09/22/81	2	409	
GWMP0149	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/13/80-08/01/80	0	4	
GWMP0157	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/19/79-05/24/79	0	42	
GWMP0161	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-09/04/81	2	54	
GWMP0178	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-08/13/81	0	32	
GWMP0179	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-08/13/81	0	54	
GWMP0217	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/06/79-08/06/79	0	1	
GWMP0219	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	2	58	
GWMP0261	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	0	18	
GWMP0264	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/79-07/26/79	0	15	
GWMP0284	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-08/26/81	0	4	
GWMP0290	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/21/80-09/22/81	0	13	
GWMP0335	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/09/79-09/04/81	2	44	
GWMP0417	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	13	307	
GWMP0438	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/24/80-02/04/80	0	2	
GWMP0482	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/09/73-01/24/80	7	2	
GWMP0157	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/22/79-05/22/79	0	1	
GWMP0038	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/29/79-09/25/81	2	70	
GWMP0045	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	8	2	
GWMP0076	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/79-08/26/81	2	58	
GWMP0084	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	0	43	
GWMP0095	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/77-08/04/77	0	1	
GWMP0113	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/65-09/22/81	16	415	
GWMP0118	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	8	2	
GWMP0146	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/69-08/05/77	8	2	
GWMP0149	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/08/56-07/22/80	24	5	
GWMP0153	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-04/28/69	0	1	
GWMP0157	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/19/79-05/22/80	1	44	
GWMP0161	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-09/04/81	2	55	
GWMP0178	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-08/13/81	0	32	
GWMP0179	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-08/13/81	0	54	
GWMP0207	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-04/28/69	0	1	
GWMP0214	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/77-08/04/77	0	1	
GWMP0217	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/20/52-08/06/79	26	6	
GWMP0219	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-08/26/81	2	58	
GWMP0259	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/06/69-08/05/77	8	2	
GWMP0261	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	0	19	
GWMP0264	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/79-07/26/79	0	15	
GWMP0284	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-08/26/81	0	4	
GWMP0290	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/21/80-09/22/81	0	11	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0335	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/79-09/04/81	2	43	
GWMP0379	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	8	2	
GWMP0386	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/05/69-08/04/77	8	2	
GWMP0404	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	8	2	
GWMP0417	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	8	255	
GWMP0423	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	0	1	
GWMP0438	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/65-02/04/80	14	4	
GWMP0443	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	0	1	
GWMP0444	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/06/69-05/06/69	0	1	
GWMP0447	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/04/69-08/05/77	8	2	
GWMP0452	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/03/45-08/31/77	32	7	
GWMP0471	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/29/77-08/29/77	0	1	
GWMP0482	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/24/80-01/24/80	0	1	
GWMP0484	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/86-04/09/86	0	2	
GWMP0486	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/86-04/09/86	0	2	
GWMP0490	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/26/68-08/05/77	8	2	
GWMP0038	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/29/79-09/25/81	2	70	
GWMP0045	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0076	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/19/79-08/26/81	2	58	
GWMP0084	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	0	43	
GWMP0095	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0113	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/19/79-09/22/81	2	412	
GWMP0118	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0146	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0149	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/30/77-07/22/80	2	2	
GWMP0157	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/19/79-05/24/79	0	43	
GWMP0161	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-09/04/81	2	54	
GWMP0178	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/03/81-08/13/81	0	32	
GWMP0179	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/03/81-08/13/81	0	54	
GWMP0214	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0217	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/77-08/06/79	1	2	
GWMP0219	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-08/26/81	2	58	
GWMP0259	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0261	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	0	19	
GWMP0264	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/26/79-07/26/79	0	15	
GWMP0284	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/81-08/26/81	0	4	
GWMP0290	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/21/80-09/22/81	0	11	
GWMP0335	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/09/79-09/04/81	2	44	
GWMP0379	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0386	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0404	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	0	1	
GWMP0417	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	8	253	
GWMP0423	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0438	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/24/80-02/04/80	0	2	
GWMP0443	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0447	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0452	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0466	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/77-08/31/77	0	1	
GWMP0471	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/29/77-08/29/77	0	1	
GWMP0482	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/24/80-01/24/80	0	1	
GWMP0490	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	0	1	
GWMP0041	No	71875	HYDROGEN SULFIDE (MG/L)	10/05/72-10/05/72	0	1	
GWMP0113	No	71885	IRON (UG/L AS FE)	09/21/66-09/21/66	0	1	
GWMP0149	No	71885	IRON (UG/L AS FE)	02/08/56-02/08/56	0	1	
GWMP0217	No	71885	IRON (UG/L AS FE)	11/20/52-02/08/56	3	3	
GWMP0466	Yes	71885	IRON (UG/L AS FE)	04/03/45-12/09/54	9	3	
GWMP0484	No	71885	IRON (UG/L AS FE)	03/25/86-04/09/86	0	2	
GWMP0486	No	71885	IRON (UG/L AS FE)	03/25/86-04/09/86	0	2	
GWMP0003	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	0	4	
GWMP0005	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	0	4	
GWMP0007	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	0	4	
GWMP0009	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/25/70-07/09/70	0	6	
GWMP0013	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0020	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0023	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	0	4	
GWMP0026	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/70-03/23/70	0	4	
GWMP0027	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/25/70-07/09/70	0	7	
GWMP0035	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	0	4	
GWMP0038	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/18/79-09/18/79	0	1	
GWMP0062	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0064	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0068	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0113	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/79-09/18/79	0	15	
GWMP0115	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0120	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0130	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	0	7	
GWMP0149	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/13/80-08/01/80	0	3	
GWMP0159	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0161	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/79-08/31/79	0	7	
GWMP0177	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0182	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	0	6	
GWMP0196	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0211	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0213	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	0	7	
GWMP0219	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	0	1	
GWMP0249	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0251	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	0	4	
GWMP0264	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	0	6	
GWMP0279	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	0	5	
GWMP0286	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0292	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0308	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0310	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	0	6	
GWMP0328	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
GWMP0331	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0333	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0335	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-08/24/79	0	1	
GWMP0346	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	0	2	
GWMP0355	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/18/71-08/12/71	0	30	
GWMP0357	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
GWMP0361	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	0	2	
GWMP0362	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/09/69-11/11/69	0	11	
GWMP0369	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0371	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
GWMP0373	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0376	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0381	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0387	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0389	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
GWMP0396	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0400	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
GWMP0403	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	0	32	
GWMP0406	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0413	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0415	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0417	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	7	120	
GWMP0427	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	0	32	
GWMP0429	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/02/79-12/09/80	1	18	
GWMP0436	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/07/73-08/09/73	0	3	
GWMP0438	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/20/83-04/20/83	0	1	
GWMP0450	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/15/80-12/09/80	0	6	
GWMP0454	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0457	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0458	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0461	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	1	17	
GWMP0464	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/15/80-12/09/80	0	6	
GWMP0465	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	1	19	
GWMP0468	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0472	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0473	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0476	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0478	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/24/69	0	14	
GWMP0481	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
GWMP0487	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0491	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0492	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
GWMP0493	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	1	17	
GWMP0494	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	1	17	
GWMP0496	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0497	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	0	7	
GWMP0499	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	1	18	
GWMP0038	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	0	1	
GWMP0076	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0084	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	0	2	
GWMP0113	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/25/79-07/23/80	0	3	
GWMP0149	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/80-08/01/80	0	3	
GWMP0157	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	0	1	
GWMP0261	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	0	1	
GWMP0335	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	0	1	
GWMP0417	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	7	148	
GWMP0020	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-09/25/79	0	11	
GWMP0062	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-09/25/79	0	11	
GWMP0078	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0115	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0159	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0249	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0292	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0331	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	44	
GWMP0357	Yes	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	10	
GWMP0382	Yes	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
GWMP0414	Yes	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	0	12	
GWMP0455	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	0	11	
GWMP0477	Yes	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	0	11	
GWMP0417	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/19/73-11/16/93	20	76	
GWMP0417	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	06/19/74-09/21/82	8	34	
GWMP0017	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	5	7	
GWMP0036	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	18	15	
GWMP0041	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
GWMP0046	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/15/75-03/27/78	2	3	
GWMP0060	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/18/87-11/18/87	0	1	
GWMP0074	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/25/89-07/25/89	0	1	
GWMP0077	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	6	18	
GWMP0083	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	0	1	
GWMP0090	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	0	1	
GWMP0097	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	18	14	
GWMP0124	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
GWMP0126	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	6	19	
GWMP0131	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	0	1	
GWMP0132	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
GWMP0133	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/89-01/23/89	0	1	
GWMP0147	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/89-01/23/89	0	1	
GWMP0151	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-07/14/86	11	9	
GWMP0155	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/88-11/29/89	1	3	
GWMP0192	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/06/91-01/07/93	1	2	
GWMP0194	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	6	19	
GWMP0203	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-07/09/90	6	19	
GWMP0204	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-10/13/83	0	1	
GWMP0208	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	18	14	
GWMP0210	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
GWMP0216	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	0	1	
GWMP0218	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/15/75-07/14/86	11	7	
GWMP0221	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
GWMP0241	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	6	20	
GWMP0243	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	6	19	
GWMP0245	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/08/87-07/08/87	0	1	
GWMP0255	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-01/07/93	18	7	
GWMP0268	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/08/87-07/08/87	0	1	
GWMP0271	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/84-07/09/90	6	18	
GWMP0278	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/84-07/09/90	6	18	
GWMP0291	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/17/90	6	19	
GWMP0295	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	5	7	
GWMP0297	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	6	18	
GWMP0298	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/24/80-06/24/80	0	1	
GWMP0300	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	6	20	
GWMP0313	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	6	19	
GWMP0322	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-05/07/90	6	16	
GWMP0327	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-05/07/90	6	13	
GWMP0330	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-10/17/89	4	12	
GWMP0348	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-10/17/89	5	11	
GWMP0359	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	6	19	
GWMP0398	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	6	17	
GWMP0399	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	6	18	
GWMP0405	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/16/86-07/16/86	0	1	
GWMP0407	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-04/09/90	6	17	
GWMP0408	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	6	16	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0410	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-04/09/90	6	17	
GWMP0411	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	6	18	
GWMP0417	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	18	74	
GWMP0418	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/10/91-01/14/93	1	2	
GWMP0422	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-03/03/93	20	18	
GWMP0441	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/07/75-10/25/78	3	5	
GWMP0467	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-03/03/93	20	15	
GWMP0470	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-10/25/78	6	11	
GWMP0475	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/19/81-08/19/81	0	1	
GWMP0480	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	0	1	
GWMP0036	Yes	71918	ARSENIC,TOTAL IN FISH,DRY WEIGHT BASIS	08/01/79-07/12/84	4	15	
GWMP0037	Yes	71918	ARSENIC,TOTAL IN FISH,DRY WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0036	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0060	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/18/87-11/18/87	0	1	
GWMP0074	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/25/89-07/25/89	0	1	
GWMP0097	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-07/26/95	15	6	
GWMP0131	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/18/89-07/18/89	0	1	
GWMP0149	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/30/77-08/30/77	0	1	
GWMP0151	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0155	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/01/88-11/29/89	1	2	
GWMP0192	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0208	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-06/09/92	11	4	
GWMP0217	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0218	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0255	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/26/95-07/26/95	0	1	
GWMP0417	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/19/73-09/01/76	3	2	
GWMP0418	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/25/95-05/25/95	0	1	
GWMP0422	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	6	4	
GWMP0466	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/31/77-08/31/77	0	1	
GWMP0467	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/24/95	15	4	
GWMP0036	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-06/28/90	10	21	
GWMP0037	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0114	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0036	Yes	71934	LEAD TOTAL IN FISH DRY WEIGHT BASIS	08/01/79-07/12/84	4	15	
GWMP0289	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/29/84-08/29/84	0	1	
GWMP0302	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	12/17/86-12/17/86	0	1	
GWMP0479	Yes	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/77-10/01/86	9	15	
GWMP0036	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	6	12	
GWMP0037	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0114	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0479	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/77-10/01/86	9	15	
GWMP0036	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	6	12	
GWMP0037	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0114	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0479	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	7	12	
GWMP0036	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/06/87-06/28/90	2	6	
GWMP0114	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0479	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	7	12	
GWMP0036	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	6	12	
GWMP0037	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0114	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0036	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/07/83-06/28/90	6	12	
GWMP0037	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-08/13/80	1	6	
GWMP0114	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/81-10/01/81	0	4	
GWMP0479	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/77-10/01/86	9	15	
GWMP0036	Yes	71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	4	15	
GWMP0036	Yes	71942	COPPER,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	4	15	
GWMP0036	Yes	71943	CHROMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	4	15	
GWMP0475	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	08/19/81-08/19/81	0	1	
GWMP0438	No	72005	SAMPLE SOURCE CODE (BM WELL DATA)	09/17/80-09/17/80	0	1	
GWMP0113	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/28/81-01/28/81	0	1	
GWMP0484	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/86-04/09/86	0	2	
GWMP0486	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/86-04/09/86	0	2	
GWMP0036	Yes	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/28/90-07/26/95	5	2	
GWMP0097	Yes	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/09/92-07/26/95	3	2	
GWMP0192	No	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/09/92-06/09/92	0	1	
GWMP0255	No	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0418	No	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	05/25/95-05/25/95	0	1	
GWMP0467	Yes	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	08/24/95-08/24/95	0	1	
GWMP0417	No	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/15/89-09/14/93	4	9	
GWMP0417	No	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/15/89-09/14/93	4	9	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/15/89-09/14/93	4	9	
GWMP0417	No	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/15/89-09/14/93	4	9	
GWMP0417	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	03/06/90-05/03/94	4	8	
GWMP0417	No	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/06/90-05/03/94	4	8	
GWMP0417	No	76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	03/15/89-09/14/93	4	9	
GWMP0417	No	76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/15/89-09/14/93	4	9	
GWMP0289	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0028	No	77447	CHLORAL WHOLE WATER,UG/L	05/27/85-12/09/85	0	33	
GWMP0036	Yes	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0097	Yes	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0151	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/14/86	0	1	
GWMP0192	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
GWMP0208	Yes	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0218	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/14/86	0	1	
GWMP0255	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
GWMP0418	No	77825	ALACHLOR WHOLE WATER,UG/L	07/19/93-07/19/93	0	1	
GWMP0422	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
GWMP0467	Yes	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/07/93	6	2	
GWMP0289	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/28/90-06/28/90	0	3	
GWMP0036	Yes	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	06/28/90-06/28/90	0	3	
GWMP0479	Yes	79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/77	4	8	
GWMP0479	Yes	79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	17	38	
GWMP0479	Yes	79182	PCB-1248 TISDRYWTMG/KG	10/01/77-10/01/86	9	15	
GWMP0479	Yes	79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	13	20	
GWMP0036	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/28/90-07/26/95	5	2	
GWMP0097	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/09/92-07/26/95	3	2	
GWMP0192	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0208	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/09/92-06/09/92	0	1	
GWMP0255	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/26/95-07/26/95	0	1	
GWMP0418	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	05/25/95-05/25/95	0	1	
GWMP0467	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	08/24/95-08/24/95	0	1	
GWMP0417	No	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	08/28/74-03/02/87	12	23	
GWMP0417	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/28/74-09/14/93	19	36	
GWMP0417	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/28/74-09/14/93	19	36	
GWMP0417	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	19	36	
GWMP0417	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	19	36	
GWMP0038	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/79-10/14/83	4	54	
GWMP0076	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	4	63	
GWMP0113	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	5	646	
GWMP0149	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/06/79-08/01/80	0	5	
GWMP0161	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-09/28/83	4	49	
GWMP0217	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/24/78-10/25/80	2	7	
GWMP0219	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/24/79-09/28/83	4	53	
GWMP0264	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/26/79-07/26/79	0	15	
GWMP0290	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/21/80-09/22/81	0	13	
GWMP0335	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/09/79-09/28/83	4	43	
GWMP0417	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	20	881	
GWMP0438	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/27/75-09/27/75	0	2	
GWMP0076	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	07/20/81-07/20/81	0	2	
GWMP0113	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/04/80-03/11/81	1	8	
GWMP0149	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/80-07/08/80	0	3	
GWMP0217	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	09/05/79-10/25/80	1	3	
GWMP0417	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	9	554	
GWMP0438	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	09/27/75-09/27/75	0	2	
GWMP0417	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	08/12/83-08/12/83	0	1	
GWMP0113	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/22/81-09/22/81	0	4	
GWMP0417	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	01/02/73-09/30/80	7	313	
GWMP0484	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/25/86-04/09/86	0	2	
GWMP0486	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/25/86-04/09/86	0	2	
GWMP0350	No	81280	NONPURGEABLE ORGANIC CARBON MG/L	02/13/75-02/13/75	0	1	
GWMP0289	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0036	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/01/79-06/28/90	10	23	
GWMP0037	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/01/79-08/13/80	1	6	
GWMP0042	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/31/70-07/31/70	0	1	
GWMP0114	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/01/81-10/01/81	0	4	
GWMP0036	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/01/79-06/28/90	10	21	
GWMP0114	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/01/81-10/01/81	0	4	
GWMP0289	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/29/84-08/29/84	0	1	
GWMP0302	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	12/17/86-12/17/86	0	1	
GWMP0036	Yes	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/28/90-06/28/90	0	2	
GWMP0114	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/81-10/01/81	0	4	
GWMP0289	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/29/84-08/29/84	0	1	
GWMP0302	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/17/86-12/17/86	0	1	
GWMP0479	Yes	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/81-10/01/86	5	9	
GWMP0289	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	08/06/87-06/28/90	2	6	
GWMP0417	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	10/27/80-09/01/81	0	10	
GWMP0289	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
GWMP0036	Yes	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/06/87-06/28/90	2	5	
GWMP0289	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/81-10/01/86	5	9	
GWMP0438	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	09/17/80-09/17/80	0	1	
GWMP0036	Yes	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/06/87-06/28/90	2	6	
GWMP0479	Yes	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	17	38	
GWMP0036	Yes	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/06/87-06/28/90	2	6	
GWMP0479	Yes	81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
GWMP0479	Yes	81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	17	38	
GWMP0114	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/81-10/01/81	0	4	
GWMP0479	Yes	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	7	12	
GWMP0289	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
GWMP0479	Yes	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	7	12	
GWMP0036	Yes	82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	0	1	
GWMP0097	Yes	82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	0	1	
GWMP0192	No	82032	CALCIUM - TOTAL UG/L (AS CA)	01/07/93-01/07/93	0	1	
GWMP0208	Yes	82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	0	1	
GWMP0255	No	82032	CALCIUM - TOTAL UG/L (AS CA)	01/07/93-01/07/93	0	1	
GWMP0418	No	82032	CALCIUM - TOTAL UG/L (AS CA)	01/14/93-01/14/93	0	1	
GWMP0422	No	82032	CALCIUM - TOTAL UG/L (AS CA)	03/03/93-03/03/93	0	1	
GWMP0467	Yes	82032	CALCIUM - TOTAL UG/L (AS CA)	03/03/93-03/03/93	0	1	
GWMP0038	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	0	2	
GWMP0076	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/25/81-08/25/81	0	1	
GWMP0113	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/04/81-08/25/81	0	6	
GWMP0161	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/20/81-08/25/81	0	3	
GWMP0219	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	0	2	
GWMP0335	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	0	2	
GWMP0417	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	09/17/80-07/27/81	0	20	
GWMP0475	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/19/81-08/19/81	0	1	
GWMP0036	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	2	24	
GWMP0097	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	2	24	
GWMP0192	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/08/92-06/15/94	1	8	
GWMP0208	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	2	24	
GWMP0255	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/08/92-06/15/94	1	8	
GWMP0418	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/28/92-04/14/94	1	7	
GWMP0422	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/03/92-06/14/94	2	22	
GWMP0467	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/03/92-06/08/94	2	22	
GWMP0077	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	6	70	
GWMP0081	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-11/15/83	0	2	
GWMP0126	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	6	72	
GWMP0150	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-12/14/83	0	3	
GWMP0194	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	6	71	
GWMP0203	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	6	77	
GWMP0204	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-12/14/83	0	3	
GWMP0241	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	6	110	
GWMP0243	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	6	78	
GWMP0257	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/23/84-01/23/84	0	1	
GWMP0263	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	6	75	
GWMP0267	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/16/83-11/16/83	0	1	
GWMP0271	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	6	65	
GWMP0278	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	6	63	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0291	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	6	77	
GWMP0297	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	6	108	
GWMP0300	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	6	120	
GWMP0313	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	6	121	
GWMP0322	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	6	69	
GWMP0327	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/14/83-08/06/90	6	51	
GWMP0330	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	6	68	
GWMP0334	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/16/83	0	2	
GWMP0348	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	6	58	
GWMP0359	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	6	109	
GWMP0380	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/13/83	0	3	
GWMP0398	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	6	70	
GWMP0399	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	6	77	
GWMP0407	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	6	75	
GWMP0408	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	6	64	
GWMP0410	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	6	73	
GWMP0411	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	6	78	
GWMP0420	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-04/05/88	4	5	
GWMP0484	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/86-04/09/86	0	2	
GWMP0486	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/86-04/09/86	0	2	
GWMP0038	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/29/79-09/22/81	2	61	
GWMP0076	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/19/79-08/26/81	2	95	
GWMP0113	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	2	519	
GWMP0161	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/13/79-08/26/81	2	51	
GWMP0178	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/03/81-08/13/81	0	30	
GWMP0179	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	01/12/81-08/13/81	0	56	
GWMP0219	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	2	51	
GWMP0264	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	0	51	
GWMP0284	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	0	1	
GWMP0290	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	1	16	
GWMP0335	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	2	59	
GWMP0417	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	2	165	
GWMP0038	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/29/79-09/22/81	2	78	
GWMP0076	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/19/79-08/26/81	2	122	
GWMP0113	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	2	579	
GWMP0149	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	04/26/80-08/01/80	0	3	
GWMP0161	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/13/79-08/26/81	2	74	
GWMP0178	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/03/81-08/13/81	0	30	
GWMP0179	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	01/12/81-08/13/81	0	56	
GWMP0217	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/06/79-08/06/79	0	1	
GWMP0219	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	2	70	
GWMP0264	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	0	52	
GWMP0284	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	0	1	
GWMP0290	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	1	15	
GWMP0335	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	2	69	
GWMP0417	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	2	179	
GWMP0038	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/29/79-09/22/81	2	79	
GWMP0076	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/19/79-08/26/81	2	123	
GWMP0113	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	2	650	
GWMP0161	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/13/79-08/26/81	2	74	
GWMP0178	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/03/81-08/13/81	0	30	
GWMP0179	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	01/12/81-08/13/81	0	56	
GWMP0219	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/20/79-08/26/81	2	70	
GWMP0264	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/26/79-07/26/79	0	53	
GWMP0284	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/26/81-08/26/81	0	1	
GWMP0290	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	06/27/80-09/22/81	1	15	
GWMP0335	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/09/79-08/26/81	2	69	
GWMP0417	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	2	259	
GWMP0038	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/29/79-09/22/81	2	61	
GWMP0076	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/19/79-08/26/81	2	94	
GWMP0113	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	2	520	
GWMP0161	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/13/79-08/26/81	2	48	
GWMP0178	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/03/81-08/12/81	0	29	
GWMP0179	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	01/12/81-08/13/81	0	55	
GWMP0219	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/20/79-08/26/81	2	48	
GWMP0264	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/26/79-07/26/79	0	52	
GWMP0290	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/21/80-09/22/81	0	13	
GWMP0335	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/09/79-08/26/81	2	66	
GWMP0417	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	2	134	
GWMP0417	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	10/27/80-09/01/81	0	11	
GWMP0417	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	10/27/80-09/01/81	0	10	
GWMP0417	No	82185	ATRATON (GESTAMIN) TOTAL UG/L	10/27/80-09/01/81	0	10	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0417	No	82187	CYPRAZINE TOTAL UG/L	10/27/80-09/01/81	0	10	
GWMP0417	No	82188	SIMETONE TOTAL UG/L	10/27/80-09/01/81	0	10	
GWMP0438	No	82188	SIMETONE TOTAL UG/L	04/20/83-04/20/83	0	1	
GWMP0038	No	82398	SAMPLING METHOD (CODES)	09/05/79-09/22/81	2	54	
GWMP0076	No	82398	SAMPLING METHOD (CODES)	08/27/79-08/26/81	1	33	
GWMP0113	No	82398	SAMPLING METHOD (CODES)	08/20/79-09/22/81	2	210	
GWMP0149	No	82398	SAMPLING METHOD (CODES)	01/11/80-04/26/80	0	2	
GWMP0161	No	82398	SAMPLING METHOD (CODES)	08/20/79-08/26/81	2	31	
GWMP0178	No	82398	SAMPLING METHOD (CODES)	08/03/81-08/13/81	0	66	
GWMP0179	No	82398	SAMPLING METHOD (CODES)	08/03/81-08/13/81	0	103	
GWMP0219	No	82398	SAMPLING METHOD (CODES)	08/20/79-08/26/81	2	37	
GWMP0284	No	82398	SAMPLING METHOD (CODES)	07/09/81-08/26/81	0	4	
GWMP0290	No	82398	SAMPLING METHOD (CODES)	10/21/80-09/22/81	0	12	
GWMP0335	No	82398	SAMPLING METHOD (CODES)	08/24/79-08/26/81	2	32	
GWMP0417	No	82398	SAMPLING METHOD (CODES)	03/14/78-03/01/94	15	122	
GWMP0482	Yes	82398	SAMPLING METHOD (CODES)	07/31/74-09/15/77	3	43	
GWMP0038	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	3	
GWMP0076	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	3	
GWMP0113	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	6	
GWMP0161	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	3	
GWMP0219	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	3	
GWMP0290	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	10/21/80-12/16/80	0	2	
GWMP0335	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-09/15/80	0	1	
GWMP0038	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	1	17	
GWMP0076	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	1	16	
GWMP0113	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	08/25/80-12/01/81	1	37	
GWMP0161	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	1	16	
GWMP0179	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	08/03/81-08/13/81	0	8	
GWMP0219	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-08/26/81	0	15	
GWMP0290	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	10/21/80-09/22/81	0	10	
GWMP0335	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	1	8	
GWMP0038	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	1	17	
GWMP0076	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	1	17	
GWMP0113	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-12/01/81	1	36	
GWMP0161	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	1	16	
GWMP0179	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	08/03/81-08/13/81	0	8	
GWMP0219	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-08/26/81	0	15	
GWMP0290	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	10/21/80-09/22/81	0	10	
GWMP0335	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	1	8	
GWMP0484	No	83509	STREAM, WIDTH METER	03/25/86-04/09/86	0	2	
GWMP0486	No	83509	STREAM, WIDTH METER	03/25/86-04/09/86	0	2	
GWMP0016	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/14/83-10/14/83	0	1	
GWMP0038	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/83-08/31/83	0	1	
GWMP0076	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/83-11/09/83	0	2	
GWMP0084	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/22/79-08/22/79	0	1	
GWMP0179	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/13/81-08/13/81	0	1	
GWMP0219	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/83-09/28/83	0	2	
GWMP0264	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/26/79-03/26/79	0	1	
GWMP0284	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/26/81-08/26/81	0	1	
GWMP0016	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/14/83-10/14/83	0	1	
GWMP0038	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/83-08/31/83	0	1	
GWMP0076	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/83-11/09/83	0	2	
GWMP0084	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/22/79-08/22/79	0	1	
GWMP0179	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/13/81-08/13/81	0	1	
GWMP0219	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/83-09/28/83	0	2	
GWMP0264	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/26/79-03/26/79	0	1	
GWMP0284	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/26/81-08/26/81	0	1	
GWMP0036	Yes	84007	ANATOMY ALPHA CODE	08/01/79-06/28/90	10	23	
GWMP0037	Yes	84007	ANATOMY ALPHA CODE	08/01/79-08/13/80	1	6	
GWMP0042	No	84007	ANATOMY ALPHA CODE	07/31/70-07/31/70	0	1	
GWMP0114	No	84007	ANATOMY ALPHA CODE	10/01/81-10/01/81	0	4	
GWMP0289	No	84007	ANATOMY ALPHA CODE	08/29/84-08/29/84	0	1	
GWMP0302	No	84007	ANATOMY ALPHA CODE	12/17/86-12/17/86	0	1	
GWMP0037	Yes	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	08/01/79-08/13/80	1	6	
GWMP0042	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	07/31/70-07/31/70	0	1	
GWMP0038	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	5	
GWMP0076	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	6	
GWMP0113	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/10/80-08/19/81	0	10	
GWMP0219	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	5	
GWMP0290	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	3	
GWMP0335	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/08/81-07/08/81	0	1	
GWMP0351	No	85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	11/06/70-11/06/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/03/45 To 11/07/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GWMP0351	No	85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	11/06/70-11/06/70	0	1	
GWMP0351	No	85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	5	105	
GWMP0351	No	85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	4	35	
GWMP0351	No	85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	4	35	
GWMP0351	No	85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	4	35	
GWMP0351	No	85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	4	35	
GWMP0351	No	85538	GAMMA SCAN DATE (YR,MO,DAY)	01/03/69-01/11/74	5	105	
GWMP0351	No	85539	DATE OF REPORT (YR,MO,DAY)	01/03/69-01/11/74	5	105	
GWMP0289	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
GWMP0289	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
GWMP0302	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	

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

Station-By-Station Results

Station Inventory for Station: GWMP0001

NPS Station ID: GWMP0001 LAT/LON: 38.697226/ -77.069448 Agency: 112WRD Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 73 BTWN HT AND MH FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 384150077041000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 18.10 On/Off RF1:
RF3 Index: 02070010064403.39 RF3 Mile Point: 7.29 Distance from RF3: 0.22 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/31/83	4	28.5	29.25	37.	23.	46.917	6.85	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/31/83	4	48.75	72.2	148.	43.3	2569.593	50.691	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/31/83	4	2.2	2.1	3.	1.	0.707	0.841	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/31/83	4	49.9	73.125	148.3	44.4	2529.069	50.29	**	**	**	**

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

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

Station Inventory for Station: GWMP0002

NPS Station ID: GWMP0002
LAT/LON: 38.700476/ -77.037142
Agency: 21MDEXP
Date Created: 10/11/80
Location: MID-CRK 0.4 MILES EAST OF MOCKLEY PT.
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): PIS0005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.27
On/Off RF3:
Description:
02-14-02-03 PISCATAWAY CREEK DRAINAGE PISCATAWAY CREEK RIVER MILE IS .50
RECEIVING TRIBUTARY IS POTOMAC RIVER MID-CRK 0.4 MILES EAST OF MOCKLEY PT.

Parameter Inventory for Station: GWMP0002

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

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

Station Inventory for Station: GWMP0003

NPS Station ID: GWMP0003
LAT/LON: 38.701392/ -77.036115
Agency: 1113PIWQ
Date Created: / /
Location: PSCATAWY C. MID-BAY CHNL MARKERS
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 011 /011 /P-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	4	26.	26.125	26.5	26.	0.063	0.25	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	4	13.	15.	24.	10.	38.667	6.218	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	4	5.25	5.25	5.7	4.8	0.15	0.387	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	4	11.5	12.15	16.5	9.1	9.717	3.117	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	3	2.165	4.092	8.325	1.785	13.477	3.671	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	4	1.08	1.083	1.36	0.81	0.058	0.242	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	1265.	1265.	2300.	230.	2142450.	1463.711	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	2.862	2.862	3.362	2.362	0.5	0.707	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			727.324								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	486.5	486.5	930.	43.	393384.5	627.204	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	2.301	2.301	2.968	1.633	0.891	0.944	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			199.975								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	4	94.875	94.688	180.	9.	5063.391	71.158	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	4	1.335	2.375	5.9	0.93	5.643	2.375	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0003

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: GWMP0004

NPS Station ID: GWMP0004
LAT/LON: 38.701671/ -77.034171
Agency: 1113PESE
Date Created: / /
Location: POTO.R. PISCATAWAY 1/3 INTO BAY
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 018 /018 /7C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.970
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001005.48
RF3 Mile Point: 9.32
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0004

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

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

Station Inventory for Station: GWMP0005

NPS Station ID: GWMP0005
LAT/LON: 38.702226/ -77.030560
Agency: 1113PIWQ
Date Created: / /
Location: PSCATAWY C. OFF PT. BELOW MARINA
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 010 /010 /P-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 1.180
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	4	26.	26.125	26.5	26.	0.063	0.25	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	4	11.5	12.75	18.	10.	12.917	3.594	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	4	6.35	6.625	8.7	5.1	2.276	1.509	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	4	11.1	10.675	12.5	8.	3.723	1.929	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/15/68	2	2.214	2.214	2.44	1.987	0.103	0.32	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	4	0.895	0.843	1.11	0.47	0.082	0.287	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	2365.	2365.	4300.	430.	7488450.	2736.503	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	3.133	3.133	3.633	2.633	0.5	0.707	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1359.779								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	330.	330.	430.	230.	20000.	141.421	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	2.498	2.498	2.633	2.362	0.037	0.192	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			314.484								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	4	150.	129.188	173.25	43.5	3491.766	59.091	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	4	0.99	1.093	1.42	0.97	0.048	0.219	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

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

Station Inventory for Station: GWMP0006

NPS Station ID: GWMP0006
LAT/LON: 38.702226/ -77.030560
Agency: 11121TWQ
Date Created: / /
Location: PSCATAWY C. BLW MARINA CHAN-MARK
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-P6 /PI6 /PSCATAWY-P-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 1.180
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-12/01/76	15	26.	22.667	30.	2.	92.06	9.595	3.8	21.	29.	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	9	13.	17.867	35.	9.9	88.257	9.395	9.9	10.95	27.	35.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/01/76	14	14.5	16.214	32.	9.	39.566	6.29	9.5	11.75	22.	27.
00300	OXYGEN, DISSOLVED MG/L	01/14/74-06/23/76	14	11.45	10.979	15.1	4.2	12.374	3.518	4.9	7.675	13.85	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-12/01/76	15	0.17	0.355	1.544	0.04	0.187	0.432	0.041	0.044	0.465	1.197
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-12/01/76	15	1.143	1.15	2.004	0.696	0.108	0.329	0.774	0.885	1.294	1.733
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/01/76	15	0.84	0.855	1.57	0.33	0.114	0.337	0.354	0.63	0.94	1.474
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/01/76	15	0.74	0.781	1.1	0.5	0.046	0.215	0.518	0.58	1.	1.088
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/01/76	15	0.25	0.251	0.66	0.04	0.032	0.178	0.046	0.09	0.36	0.582
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-12/01/76	15	7.8	8.007	11.7	4.	5.812	2.411	4.72	5.7	10.2	11.58
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/01/76	14	22.1	22.493	32.7	15.2	27.17	5.212	15.85	18.675	24.45	32.5

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

EPA Water Quality Criteria Analysis for Station: GWMP0006

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	7	0	0.00	3	0	0.00	5	0	0.00			

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

Station Inventory for Station: GWMP0007

NPS Station ID: GWMP0007
LAT/LON: 38.702781/ -77.032503
Agency: 1113PIWQ
Date Created: / /
Location: PSCATAWY C. BUOY 76 IN POTOMAC R
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 014 /014 /P-10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 1.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001700.68
RF3 Mile Point: 0.81
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	4	26.	26.125	26.5	26.	0.063	0.25	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	3	15.	17.	24.	12.	39.	6.245	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	4	4.75	4.725	5.7	3.7	0.869	0.932	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	4	10.95	10.8	12.3	9.	2.127	1.458	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	3	2.405	3.003	4.434	2.171	1.549	1.245	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	4	1.33	1.775	3.21	1.23	0.922	0.96	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	4865.	4865.	9300.	430.	39338450.	6272.037	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	3.301	3.301	3.968	2.633	0.891	0.944	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1999.75								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	43.	43.	43.	43.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	1.633	1.633	1.633	1.633	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	4	123.375	128.813	192.	76.5	2296.641	47.923	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	4	1.185	1.18	1.53	0.82	0.084	0.29	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	4	1	0.25									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: GWMP0008

NPS Station ID: GWMP0008
LAT/LON: 38.702781/ -77.041392
Agency: 11121VWQ
Date Created: / /
Location: PISCATAWAY CR. OFF MOCKLEY POINT
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-EMB-001C /01C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.560
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	6	19.25	16.4	27.	2.	113.804	10.668	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/12/70-07/09/70	5	15.	15.4	21.	12.	12.3	3.507	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/25/70-06/10/70	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	6	9.2	8.767	12.7	4.7	13.367	3.656	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	6	0.783	0.804	1.388	0.412	0.133	0.365	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	6	1.245	1.206	1.739	0.544	0.218	0.467	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	6	1.045	0.91	1.35	0.35	0.167	0.409	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/25/70-07/09/70	6	1.1	1.142	1.61	0.8	0.07	0.265	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	6	0.73	0.72	0.95	0.46	0.026	0.162	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	3	6.3	5.9	6.9	4.5	1.56	1.249	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0008

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0009

NPS Station ID: GWMP0009
LAT/LON: 38.703892/ -77.039726
Agency: 1113PEET
Date Created: / /
Location: PO.R. AT MOUTH OF PISCATAWAY CR.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /7-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	6	19.25	16.4	27.	2.	113.804	10.668	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/12/70-07/09/70	5	15.	15.4	21.	12.	12.3	3.507	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	6	9.2	8.767	12.7	4.7	13.367	3.656	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/25/70-06/10/70	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	6	0.783	0.804	1.388	0.412	0.133	0.365	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	6	1.245	1.206	1.739	0.544	0.218	0.467	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	6	1.045	0.91	1.35	0.35	0.167	0.409	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	6	0.73	0.72	0.95	0.46	0.026	0.162	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	3	6.3	5.9	6.9	4.5	1.56	1.249	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/25/70-07/09/70	6	37.5	50.	150.	12.	2640.3	51.384	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/25/70-07/09/70	6	1.1	1.142	1.61	0.8	0.07	0.265	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0009

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0010

NPS Station ID: GWMP0010
LAT/LON: 38.704170/ -77.041671
Agency: 21VASWCB
Date Created: 07/18/81
Location: POTOMAC RIVER, PISCATAWAY CREEK
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): XFB2177 /X322501 /Y4285650
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.560
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.27
On/Off RF3:
Description:
DATA FROM EPA TECH REPORT 35, ANNAPOLIS FIELD OFFICE, APRIL 1971, JAWORSKI ET AL/

Parameter Inventory for Station: GWMP0010

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

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

Station Inventory for Station: GWMP0011

NPS Station ID: GWMP0011
LAT/LON: 38.704448/ -77.053615
Agency: 1113UPBA
Date Created: / /
Location: PO.R. FT.WASHINGTON NEAR C"75"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 016 /016 /13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010010
RF1 Mile Point: 5.730
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001700.68
RF3 Mile Point: 0.81
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	7	4.5	4.214	5.5	3.	0.821	0.906	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	7	160900.	122185.714	240000.	34800.	6192011428.571	78689.335	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	7	5.207	4.983	5.38	4.542	0.122	0.349	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			96204.839								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	8	11950.	22100.	54200.	2300.	500342857.143	22368.345	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	8	4.076	4.076	4.734	3.362	0.315	0.561	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11922.064								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	7	1700.	2528.571	4900.	700.	3355714.286	1831.861	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	7	3.23	3.289	3.69	2.845	0.124	0.352	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			1945.79								

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

EPA Water Quality Criteria Analysis for Station: GWMP0011

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	7	1.00				7	7	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	8	1.00				8	8	1.00						

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

Station Inventory for Station: GWMP0012

NPS Station ID: GWMP0012
LAT/LON: 38.704588/ -77.048338
Agency: 21MDEXP
Date Created: 10/11/80
Location: MID-CHANNEL OFF C "79"
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XFB2371
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010071300.00
RF3 Mile Point: 0.08
Distance from RF3: 0.01
On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
MID-CHANNEL OFF C "79"

Parameter Inventory for Station: GWMP0012

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

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

Station Inventory for Station: GWMP0013

NPS Station ID: GWMP0013
LAT/LON: 38.705003/ -77.048059
Agency: 1113POTS
Date Created: / /
Location: PO.R. PSCATAWAY CR.BTW FL"77&76"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 012 /012 /7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.59
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	16	11.	10.656	15.	7.	4.357	2.087	8.05	9.	12.	14.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	30	2.84	2.86	4.41	1.79	0.455	0.674	1.906	2.445	3.03	4.202
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	29	0.59	0.632	1.05	0.38	0.025	0.158	0.45	0.545	0.675	0.87
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	86	2.375	2.618	4.6	1.7	0.445	0.667	2.034	2.228	2.848	3.5
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	2.6	2.467	3.22	1.58	0.686	0.828	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0013

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	29	0	0.00				29	0	0.00						

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

Station Inventory for Station: GWMP0014

NPS Station ID: GWMP0014
LAT/LON: 38.705003/ -77.048059
Agency: 1113PESE
Date Created: / /
Location: POTO.R. PSCTAWY BTW FL"77"&N"76"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 017 /017 /7B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001004.25
RF3 Mile Point: 5.13
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0014

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

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

Station Inventory for Station: GWMP0015

NPS Station ID: GWMP0015
LAT/LON: 38.705559/ -77.046116
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. PISCATAWAY CR. EMBAYM
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 007 /007 /POTO-07
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001004.25
RF3 Mile Point: 4.48
Distance from RF3: 0.47
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0015

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

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

Station Inventory for Station: GWMP0016

NPS Station ID: GWMP0016
LAT/LON: 38.705559/ -77.048615
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 77 BTWN HT AND MH
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384220077025500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 02070010001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-10/14/83	5	36.	35.	55.	18.	215.	14.663	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-10/14/83	6	66.65	68.367	107.1	31.8	1003.187	31.673	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-10/14/83	6	6.65	6.533	11.6	1.4	10.591	3.254	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-10/14/83	6	68.75	71.217	111.9	34.3	1054.922	32.48	**	**	**	**

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

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

Station Inventory for Station: GWMP0017

NPS Station ID: GWMP0017 LAT/LON: 38.706116/ -77.048338 Agency: 21VASWCB Date Created: / /
Location: BUOY 75 AT SHERIDAN POINT FIPS State/County: 51149 VIRGINIA/PRINCE GEORGE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APOT101.15 /VA1A06UX0103/VA1A3X0103
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010013 RF1 Mile Point: 0.150 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010052400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.18 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: POTOMAC RIVER SECTION: 06U TOPO MAP #: 0039 TOPO MAP NAME: MOUNT VERNON, VA - MD

Parameter Inventory for Station: GWMP0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/72-06/20/79	48	26.6	24.329	31.1	2.6	36.524	6.043	17.08	21.825	27.8	29.46
00300	OXYGEN, DISSOLVED MG/L	04/26/72-06/20/79	45	6.7	6.7	11.	2.4	3.786	1.946	4.	5.5	7.9	9.68
00310	BOD, 5 DAY, 20 DEG C MG/L	08/09/72-09/05/74	3	7.	7.333	9.	6.	2.333	1.528	**	**	**	**
00400	PH (STANDARD UNITS)	04/26/72-06/20/79	48	7.8	8.021	9.	7.2	0.326	0.571	7.39	7.5	8.5	9.
00400	CONVERTED PH (STANDARD UNITS)	04/26/72-06/20/79	48	7.8	7.741	9.	7.2	0.406	0.637	7.39	7.5	8.5	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/72-06/20/79	48	0.016	0.018	0.063	0.001	0.	0.017	0.001	0.003	0.032	0.041
00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/28/77-06/28/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/77-06/28/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/72-06/20/79	44	0.4	0.542	2.099	0.03	0.229	0.478	0.05	0.1	0.975	1.149
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/72-06/20/79	44	0.06	0.159	1.399	0.01	0.071	0.266	0.02	0.03	0.208	0.285
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/72-07/13/77	35	1.029	1.182	2.589	0.1	0.293	0.542	0.54	0.88	1.529	2.029
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/26/72-06/20/79	44	0.8	0.984	2.299	0.4	0.249	0.499	0.5	0.6	1.299	1.75
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	9	1.	1.06	1.8	0.54	0.187	0.433	0.54	0.65	1.45	1.8
00669	PHOSPHORUS, TOTAL HYDROLYZABLE (MG/L AS P)	06/05/72-06/05/72	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/72-09/15/72	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	4 ##	1.5	1.625	2.5	1.	0.396	0.629	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	6 ##	5.	4.25	5.	0.5	3.375	1.837	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	7 ##	5.	6.071	10.	1.5	9.202	3.034	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	3 ##	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	7	10.	12.857	30.	5.	82.143	9.063	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-08/03/77	4	260.	250.	440.	40.	46066.667	214.631	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/28/75-08/03/77	4	2.294	2.208	2.643	1.602	0.267	0.517	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			161.55								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	49 ##	50.	95.204	900.	15.	20733.291	143.991	50.	50.	95.	120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	49 ##	1.699	1.819	2.954	1.176	0.087	0.295	1.699	1.699	1.977	2.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.923								
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/06/74-05/06/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	21	0.	0.088	0.4	0.	0.013	0.114	0.	0.	0.2	0.24

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

Parameter Inventory for Station: GWMP0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/26/72-06/20/79	43	0.1	0.132	0.4	0.005	0.01	0.102	0.05	0.05	0.2	0.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/26/72-06/20/79	44	0.075	0.102	0.4	0.005	0.008	0.087	0.03	0.04	0.138	0.205
71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	7 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0017

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	5	0.11	31	5	0.16				14	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	5	0.10	31	3	0.10				17	2	0.12			
		Other-Lo Lim.	6.5	48	0	0.00	31	0	0.00				17	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	44	2	0.05	29	2	0.07				15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	35	0	0.00	23	0	0.00				12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	6	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	4	0	0.00				4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	4	0	0.00				4	0	0.00			
		Drinking Water	1300.	8	0	0.00	4	0	0.00				4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	4	0	0.00				3	0	0.00			
		Drinking Water	15.	7	0	0.00	4	0	0.00				3	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	100.	3	1	0.33	1	0	0.00				2	1	0.50			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	3	0	0.00				4	0	0.00			
		Drinking Water	5000.	7	0	0.00	3	0	0.00				4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00	2	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	49	4	0.08	32	2	0.06				17	2	0.12			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	21	10	0.48	14	7	0.50				7	3	0.43			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	3	0	0.00				4	0	0.00			
		Drinking Water	2.	7	0	0.00	3	0	0.00				4	0	0.00			

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/72-06/20/79	31	27.2	24.881	31.1	2.6	47.548	6.895	16.24	25.	28.3	30.
00300	OXYGEN, DISSOLVED MG/L	04/26/72-06/20/79	31	7.	6.639	11.	2.4	4.386	2.094	3.68	5.	8.	9.6
00400	PH (STANDARD UNITS)	04/26/72-06/20/79	31	7.8	8.045	9.	7.2	0.36	0.6	7.34	7.5	8.7	8.96
00400	CONVERTED PH (STANDARD UNITS)	04/26/72-06/20/79	31	7.8	7.739	9.	7.2	0.456	0.676	7.34	7.5	8.7	8.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/72-06/20/79	31	0.016	0.018	0.063	0.001	0.	0.018	0.001	0.002	0.032	0.046
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/72-06/20/79	29	0.29	0.508	1.299	0.03	0.205	0.452	0.05	0.05	1.	1.099
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/72-06/20/79	29	0.08	0.205	1.399	0.01	0.099	0.315	0.02	0.045	0.23	0.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/26/72-06/20/79	29	0.8	1.01	2.299	0.4	0.263	0.513	0.5	0.6	1.4	1.699
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	32 ##	50.	72.813	400.	40.	4517.641	67.213	50.	50.	50.	100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	32 ##	1.699	1.789	2.602	1.602	0.044	0.209	1.699	1.699	1.699	2.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.459								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/26/72-06/20/79	29	0.1	0.152	0.4	0.05	0.012	0.111	0.05	0.05	0.25	0.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/26/72-06/20/79	29	0.1	0.114	0.4	0.005	0.01	0.102	0.02	0.03	0.2	0.3

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/72-06/20/79	17	24.	23.324	28.9	15.	16.473	4.059	17.24	20.2	27.	28.02
00300	OXYGEN, DISSOLVED MG/L	04/26/72-06/20/79	14	6.3	6.836	10.	4.3	2.662	1.632	4.85	5.75	7.875	9.8
00400	PH (STANDARD UNITS)	04/26/72-06/20/79	17	7.8	7.976	9.	7.2	0.281	0.53	7.36	7.5	8.35	9.
00400	CONVERTED PH (STANDARD UNITS)	04/26/72-06/20/79	17	7.8	7.745	9.	7.2	0.338	0.581	7.36	7.5	8.35	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/72-06/20/79	17	0.016	0.018	0.063	0.001	0.	0.017	0.001	0.004	0.032	0.044
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/72-06/20/79	15	0.48	0.609	2.099	0.05	0.286	0.535	0.08	0.33	0.7	1.74
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/72-06/20/79	15	0.03	0.069	0.28	0.01	0.006	0.079	0.016	0.02	0.07	0.232
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/26/72-06/20/79	15	0.8	0.933	2.099	0.4	0.235	0.485	0.46	0.5	1.1	1.92
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	17 ##	50.	137.353	900.	15.	50556.618	224.848	43.	50.	100.	580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/72-06/20/79	17 ##	1.699	1.876	2.954	1.176	0.171	0.413	1.594	1.699	2.	2.75
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			75.225								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/26/72-06/20/79	14 ##	0.075	0.09	0.25	0.005	0.004	0.065	0.028	0.05	0.1	0.225
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/26/72-06/20/79	15	0.07	0.079	0.2	0.04	0.002	0.04	0.04	0.05	0.1	0.14

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

Station Inventory for Station: GWMP0018

NPS Station ID: GWMP0018 LAT/LON: 38.706254/ -77.042031 Agency: 21MDEXP Date Created: 10/11/80
Location: 0.2 MILES FROM MOUTH AND 0.1 MILES FROM FT. WASH FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): PIS0002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010013 RF1 Mile Point: 0.560 Distance from RF1: 32.30 On/Off RF1: OFF
RF3 Index: 02070010064205.01 RF3 Mile Point: 5.00 Distance from RF3: 0.02 On/Off RF3:
Description:
02-14-02-03 PISCATAWAY CREEK DRAINAGE PISCATAWAY CREEK RIVER MILE IS .20
RECEIVING TRIBUTARY IS POTOMAC RIVER 0.2 MILES FROM MOUTH AND 0.1 MILES FROM FT. WASHINGTON

Parameter Inventory for Station: GWMP0018

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

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

Station Inventory for Station: GWMP0019

NPS Station ID: GWMP0019 LAT/LON: 38.706503/ -77.049060 Agency: 21MD Date Created: 10/06/79
Location: AT FL BUOY "77" OFF MOUTH OF PISCATAWAY CRK STA. FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB2470
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010013 RF1 Mile Point: 0.150 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010001400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.18 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
AT FL BUOY "77" OFF MOUTH OF PISCATAWAY CRK STA. DEPTH 57 FT

Parameter Inventory for Station: GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	222	18.25	17.512	30.	2.	60.925	7.805	6.9	10.	24.4	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-06/01/81	70	15.	17.626	59.	2.	134.808	11.611	6.26	10.75	22.	35.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/17/75-06/01/81	42	0.5	0.526	0.9	0.2	0.019	0.136	0.4	0.4	0.6	0.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	216	300.	352.157	2900.	140.	131269.333	362.311	189.4	230.	380.	456.5
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	210	8.2	8.199	14.3	1.9	8.947	2.991	4.6	5.5	10.725	11.8
00340	COD, .25N K2CR2O7 MG/L	05/10/76-05/10/76	2	18.	18.	25.	11.	98.	9.899	**	**	**	**
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	179	7.5	7.501	10.3	5.4	0.249	0.499	6.9	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	179	7.5	7.083	10.3	5.4	0.424	0.651	6.9	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	179	0.032	0.083	3.981	0.	0.142	0.376	0.013	0.02	0.05	0.126
00403	PH, LAB, STANDARD UNITS SU	09/03/74-06/12/79	35	7.7	7.683	8.8	7.1	0.155	0.394	7.2	7.3	7.9	8.14
00403	CONVERTED PH, LAB, STANDARD UNITS	09/03/74-06/12/79	35	7.7	7.538	8.8	7.1	0.177	0.42	7.2	7.3	7.9	8.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/74-06/12/79	35	0.02	0.029	0.079	0.002	0.	0.022	0.007	0.013	0.05	0.063
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	196	0.1	0.199	1.5	0.03	0.065	0.255	0.09	0.1	0.2	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-06/01/81	43	19.	20.256	58.	4.	115.004	10.724	8.8	13.	26.	33.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-06/01/81	70	0.465	0.522	1.66	0.01	0.176	0.419	0.04	0.193	0.752	1.034
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	59	0.032	0.087	0.675	0.006	0.018	0.135	0.008	0.013	0.107	0.32
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	59	1.1	1.153	2.39	0.36	0.241	0.491	0.48	0.76	1.42	1.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-06/01/81	70	0.84	0.97	2.	0.25	0.207	0.455	0.5	0.593	1.298	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-06/01/81	71	0.11	0.176	1.11	0.04	0.04	0.2	0.07	0.09	0.17	0.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-04/08/81	69	9.9	12.048	36.	1.	68.49	8.276	3.4	5.5	16.75	24.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-06/01/81	30	1900.	10928.667	93006.	43.	778201694.989	27896.267	76.8	230.	4300.	84630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/03/74-06/01/81	30	3.269	3.09	4.969	1.633	0.822	0.907	1.884	2.362	3.633	4.868
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1231.274								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	30	93.	329.65	2300.	1.5	307032.641	554.105	2.7	38.	430.	880.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	30	1.968	1.95	3.362	0.176	0.717	0.847	0.366	1.566	2.633	2.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			89.03								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/76-06/01/81	37	138.	153.432	267.	51.	2696.808	51.931	96.	118.5	188.5	239.6

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

EPA Water Quality Criteria Analysis for Station: GWMP0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	70	2	0.03	26	2	0.08	20	0	0.00	24	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	210	12	0.06	69	6	0.09	53	0	0.00	88	6	0.07			
00400	PH	Other-Hi Lim.	9.	179	2	0.01	63	0	0.00	41	0	0.00	75	2	0.03			
		Other-Lo Lim.	6.5	179	2	0.01	63	2	0.03	41	0	0.00	75	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	35	0	0.00	17	0	0.00	6	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	35	0	0.00	17	0	0.00	6	0	0.00	12	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	30	16	0.53	7	3	0.43	10	10	1.00	13	3	0.23			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	13	0.43	7	1	0.14	10	7	0.70	13	5	0.38			

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

Annual Analysis for 1974 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	8	23.85	18.2	27.4	5.5	112.469	10.605	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	5	385.	354.	390.	300.	2017.5	44.917	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	7	3.5	6.571	11.	3.1	17.176	4.144	**	**	**	**
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	4	7.9	7.9	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	4	7.889	7.889	8.	7.8	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	4	0.013	0.013	0.016	0.01	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	7	0.2	0.179	0.3	0.1	0.007	0.081	**	**	**	**

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

Annual Analysis for 1975 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	22	13.05	14.464	26.1	2.	74.723	8.644	3.53	6.525	24.	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	20	239.	221.35	297.	140.	3195.924	56.533	141.6	162.5	279.75	281.8
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	22	9.95	9.073	12.6	4.7	6.519	2.553	5.3	6.375	11.2	12.21
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	7	7.6	7.543	8.1	6.9	0.163	0.404	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	7	7.6	7.381	8.1	6.9	0.193	0.44	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	7	0.025	0.042	0.126	0.008	0.002	0.041	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	22	0.1	0.236	1.4	0.03	0.146	0.382	0.03	0.1	0.2	1.055

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

Annual Analysis for 1976 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	22	18.25	16.1	30.	3.4	74.099	8.608	3.53	7.925	24.925	25.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	22	290.	288.818	420.	148.	5269.203	72.589	151.3	270.	315.	413.5
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	22	8.75	8.405	14.3	1.9	13.94	3.734	2.83	5.225	11.475	13.68
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	9	8.5	8.311	10.3	5.4	1.946	1.395	5.4	7.9	9.2	10.3
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	9	8.5	6.349	10.3	5.4	6.277	2.505	5.4	7.9	9.2	10.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	9	0.003	0.448	3.981	0.	1.756	1.325	0.	0.002	0.013	3.981
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	24	0.2	0.215	0.5	0.1	0.006	0.08	0.1	0.2	0.25	0.25

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

Annual Analysis for 1977 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	19	24.4	22.168	28.5	13.4	30.048	5.482	13.5	14.3	24.5	28.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	19	351.	379.105	520.	260.	7852.322	88.613	265.	270.	460.	490.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	19	6.4	6.242	10.4	2.7	7.878	2.807	2.9	3.5	9.8	10.2
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	15	7.4	7.353	8.2	5.5	0.34	0.583	6.52	7.2	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	15	7.4	6.608	8.2	5.5	0.936	0.967	6.52	7.2	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	15	0.04	0.247	3.162	0.006	0.651	0.807	0.014	0.02	0.063	1.303
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	19	0.2	0.174	0.2	0.1	0.002	0.045	0.1	0.1	0.2	0.2

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

Annual Analysis for 1978 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	44	22.5	20.002	29.	6.9	48.792	6.985	6.9	13.5	25.9	28.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	44	385.	376.136	550.	280.	5096.353	71.389	290.	316.25	400.	495.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	34	6.4	7.641	11.3	4.4	6.913	2.629	4.7	5.275	10.6	10.8
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	39	7.6	7.69	8.6	7.3	0.118	0.343	7.4	7.5	7.7	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	39	7.6	7.603	8.6	7.3	0.125	0.354	7.4	7.5	7.7	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	39	0.025	0.025	0.05	0.003	0.	0.011	0.003	0.02	0.032	0.04
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	44	0.2	0.17	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.3

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

Annual Analysis for 1979 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	43	10.6	14.723	24.8	6.2	57.954	7.613	6.2	7.6	23.3	24.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	42	210.	476.167	2900.	160.	635350.63	797.089	183.	200.	240.	2129.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	42	10.2	9.002	11.9	4.6	7.246	2.692	4.8	6.275	11.5	11.7
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	42	7.5	7.531	7.7	7.4	0.014	0.118	7.4	7.4	7.625	7.7
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	42	7.5	7.516	7.7	7.4	0.014	0.119	7.4	7.4	7.625	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	42	0.032	0.03	0.04	0.02	0.	0.008	0.02	0.024	0.04	0.04
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	16	0.1	0.538	1.5	0.1	0.449	0.67	0.1	0.1	1.5	1.5

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

Annual Analysis for 1980 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	42	18.45	19.176	28.2	5.8	57.599	7.589	5.93	12.375	26.55	27.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	42	310.	311.19	460.	180.	8152.207	90.29	180.	210.	377.5	460.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	42	9.5	8.371	13.6	3.9	8.882	2.98	4.66	5.575	10.5	13.37
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	41	7.2	7.195	7.9	6.7	0.125	0.354	6.8	6.8	7.4	7.8
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	41	7.2	7.073	7.9	6.7	0.141	0.375	6.8	6.8	7.4	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	41	0.063	0.085	0.2	0.013	0.003	0.058	0.016	0.04	0.158	0.158
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	42	0.1	0.129	0.2	0.07	0.003	0.055	0.07	0.08	0.2	0.2

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

Annual Analysis for 1981 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	22	15.7	14.995	22.3	7.6	28.115	5.302	7.6	7.7	18.125	22.14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	22	300.	304.227	380.	230.	2993.136	54.71	230.	230.	347.5	380.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	22	7.45	8.323	12.6	5.3	7.509	2.74	5.33	6.35	12.325	12.47
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	22	7.4	7.364	7.5	7.2	0.014	0.118	7.2	7.275	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	22	7.4	7.348	7.5	7.2	0.014	0.119	7.2	7.275	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	22	0.04	0.045	0.063	0.032	0.	0.012	0.032	0.032	0.053	0.063
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	22	0.1	0.12	0.2	0.09	0.002	0.045	0.09	0.09	0.125	0.2

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	75	25.	23.759	30.	10.	24.734	4.973	16.86	21.4	27.6	28.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-06/01/81	26	14.	17.308	59.	2.	205.498	14.335	4.92	6.8	22.	40.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	74	360.	489.986	2900.	200.	341998.342	584.806	255.	310.	416.25	475.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	69	5.6	6.062	10.4	1.9	4.527	2.128	4.1	4.7	6.6	10.2
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	63	7.4	7.306	8.	5.4	0.236	0.486	6.8	6.9	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	63	7.4	6.763	8.	5.4	0.535	0.732	6.8	6.9	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	63	0.04	0.172	3.981	0.01	0.393	0.627	0.02	0.025	0.126	0.158
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	72	0.2	0.265	1.5	0.1	0.118	0.344	0.1	0.1	0.2	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-06/01/81	16	17.	17.375	28.	7.	49.85	7.06	9.1	10.	24.	28.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-06/01/81	26	0.12	0.369	1.32	0.01	0.16	0.4	0.017	0.038	0.695	0.959
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	24	0.109	0.17	0.675	0.006	0.032	0.179	0.011	0.021	0.319	0.452
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	24	1.235	1.242	2.25	0.47	0.255	0.505	0.54	0.693	1.688	1.85
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-06/01/81	26	0.825	0.969	1.85	0.25	0.236	0.486	0.391	0.55	1.463	1.676
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-06/01/81	26	0.11	0.145	0.49	0.06	0.008	0.092	0.077	0.08	0.168	0.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-04/08/81	25	13.5	14.132	36.	1.1	74.509	8.632	4.	7.1	20.5	26.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-06/01/81	7	230.	1351.143	4300.	43.	2732560.81	1653.046	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/03/74-06/01/81	7	2.362	2.65	3.633	1.633	0.634	0.796	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			446.596								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	7	43.	355.929	2300.	1.5	735939.702	857.869	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	7	1.633	1.433	3.362	0.176	1.196	1.094	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.08								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	58	7.45	7.624	13.6	2.	7.29	2.7	3.6	5.9	9.225	10.98
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-06/01/81	20	14.5	17.89	44.	7.	110.81	10.527	8.08	11.25	21.25	41.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	53	230.	278.019	550.	147.	12656.365	112.501	156.6	189.	395.	454.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	53	11.7	11.617	14.3	9.7	1.307	1.143	10.14	10.65	12.4	13.46
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	41	7.7	7.698	8.5	6.9	0.093	0.305	7.42	7.5	7.8	8.06
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	41	7.7	7.605	8.5	6.9	0.101	0.318	7.42	7.5	7.8	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	41	0.02	0.025	0.126	0.003	0.	0.019	0.009	0.016	0.032	0.038
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	46	0.2	0.218	1.4	0.09	0.07	0.265	0.09	0.1	0.2	0.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-06/01/81	11	15.	17.273	58.	4.	214.218	14.636	4.	8.	19.	50.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-06/01/81	22	0.44	0.433	0.95	0.1	0.05	0.224	0.156	0.265	0.54	0.855
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	17	0.013	0.019	0.127	0.006	0.001	0.028	0.006	0.007	0.017	0.047
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	17	1.13	1.229	2.39	0.38	0.263	0.512	0.46	0.985	1.33	2.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-06/01/81	22	0.735	0.825	1.7	0.47	0.136	0.369	0.5	0.538	1.02	1.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-06/01/81	21	0.11	0.259	1.11	0.04	0.115	0.339	0.052	0.08	0.185	0.98
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-04/08/81	22	8.	10.036	26.	1.4	41.331	6.429	3.6	5.075	13.875	21.35
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-06/01/81	10	4300.	30810.6	93006.	2300.	1845890590.267	42963.829	2300.	2300.	93000.	93005.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/03/74-06/01/81	10	3.633	3.986	4.969	3.362	0.493	0.702	3.362	3.362	4.968	4.969
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9681.772								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	10	430.	463.9	2100.	23.	360710.544	600.592	25.	80.5	430.	1933.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	10	2.633	2.381	3.322	1.362	0.33	0.575	1.389	1.885	2.633	3.253
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.712								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/01/81	89	20.2	18.692	26.8	7.	28.38	5.327	12.1	14.05	23.3	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-06/01/81	24	16.	17.75	40.	3.	89.326	9.451	5.	12.25	22.75	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/74-06/01/81	89	290.	281.708	460.	140.	5228.346	72.307	200.	210.	322.5	380.
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/01/81	88	7.95	7.815	11.5	2.7	6.286	2.507	4.7	5.525	10.	10.81
00400	PH (STANDARD UNITS)	06/25/74-06/01/81	75	7.4	7.557	10.3	7.1	0.294	0.542	7.2	7.3	7.6	8.32
00400	CONVERTED PH (STANDARD UNITS)	06/25/74-06/01/81	75	7.4	7.413	10.3	7.1	0.315	0.561	7.2	7.3	7.6	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/74-06/01/81	75	0.04	0.039	0.079	0.	0.	0.02	0.005	0.025	0.05	0.063
00480	SALINITY - PARTS PER THOUSAND	06/25/74-06/01/81	78	0.1	0.127	0.5	0.03	0.005	0.069	0.07	0.1	0.2	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-06/01/81	16	25.5	25.188	42.	11.	88.029	9.382	12.4	18.25	31.5	40.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-06/01/81	22	0.655	0.791	1.66	0.2	0.223	0.473	0.206	0.448	1.123	1.616
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	18	0.034	0.04	0.177	0.012	0.001	0.036	0.012	0.021	0.043	0.061
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-06/01/81	18	1.015	0.961	1.88	0.36	0.175	0.419	0.369	0.633	1.17	1.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-06/01/81	22	1.075	1.117	2.	0.4	0.217	0.466	0.558	0.668	1.533	1.814
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-06/01/81	24	0.12	0.137	0.3	0.05	0.004	0.06	0.075	0.093	0.17	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-04/08/81	22	10.2	11.691	35.	1.	85.749	9.26	1.9	5.375	14.75	31.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-06/01/81	13	430.	792.	2300.	43.	637238.833	798.272	63.	190.	1215.	2300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/03/74-06/01/81	13	2.633	2.639	3.362	1.633	0.297	0.545	1.767	2.269	3.072	3.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			435.102								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	13	93.	212.231	930.	2.	73134.526	270.434	4.8	33.	410.	730.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-06/01/81	13	1.968	1.896	2.968	0.301	0.573	0.757	0.562	1.498	2.612	2.834
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			78.629								

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

Station Inventory for Station: GWMP0020

NPS Station ID: GWMP0020
LAT/LON: 38.706670/ -77.048892
Agency: 11121TWQ
Date Created: / /
Location: POT. R. OFF PISCATAWAY CR. B 77
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-007 /007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.59
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	152	21.95	19.346	30.5	1.8	66.532	8.157	5.65	14.175	26.	28.07
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/73-06/23/76	45	15.	27.036	175.	3.	1098.242	33.14	6.3	12.	27.5	57.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	19	9.7	12.637	32.	6.	66.75	8.17	6.7	7.9	12.	30.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	53	20.	19.151	36.	4.	58.438	7.644	8.	13.5	24.	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	28	0.655	0.665	0.99	0.28	0.032	0.178	0.408	0.538	0.76	0.935
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	19	320.	332.947	500.	200.	5629.497	75.03	260.	280.	350.	500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	13	280.	1077.615	5600.	140.	2627571.756	1620.979	140.4	190.	1600.	4600.
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/17/70-06/17/75	26	0.2	0.204	0.4	0.	0.012	0.109	0.035	0.1	0.3	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	12	5.	5.208	7.	4.	0.857	0.926	4.06	4.525	5.975	6.79
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	151	6.8	7.193	14.	0.05	9.409	3.067	3.3	4.9	9.5	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	30	3.35	3.453	6.6	1.	2.569	1.603	1.3	2.1	4.925	5.59
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	24	6.95	7.003	8.1	6.1	0.248	0.498	6.235	6.685	7.39	7.7
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	24	6.95	6.755	8.1	6.1	0.312	0.558	6.235	6.685	7.39	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	24	0.112	0.176	0.794	0.008	0.041	0.202	0.02	0.041	0.207	0.582
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	8	0.07	0.065	0.09	0.04	0.	0.019	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	23	0.674	0.6	1.13	0.064	0.113	0.337	0.161	0.248	0.898	1.032
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	97	0.63	0.821	2.35	0.001	0.31	0.557	0.156	0.413	1.275	1.626
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	26	0.14	0.144	0.412	0.02	0.008	0.092	0.027	0.057	0.198	0.258
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.98	0.996	1.64	0.45	0.108	0.329	0.546	0.745	1.175	1.54
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	26	0.809	0.857	1.483	0.001	0.164	0.405	0.394	0.544	1.225	1.424
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	123	1.244	1.321	2.541	0.121	0.248	0.498	0.739	0.961	1.715	2.051
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	96	0.99	1.036	4.14	0.24	0.242	0.491	0.527	0.742	1.228	1.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	108	0.865	0.903	2.7	0.29	0.216	0.464	0.439	0.553	1.06	1.446
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-09/25/79	12	0.19	0.193	0.33	0.08	0.004	0.06	0.101	0.16	0.22	0.303
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	96	0.52	0.54	1.69	0.08	0.097	0.311	0.19	0.27	0.69	0.974
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	16	0.105	0.112	0.161	0.075	0.001	0.025	0.082	0.09	0.131	0.152
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	16	0.049	0.053	0.122	0.03	0.	0.022	0.031	0.038	0.064	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	17	0.028	0.03	0.072	0.012	0.	0.014	0.016	0.02	0.035	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	103	5.9	6.305	13.8	0.05	5.926	2.434	3.48	4.7	8.	9.78
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	9	0.9	1.433	3.8	0.5	1.528	1.236	0.5	0.5	2.55	3.8
00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	1	34.4	34.4	34.4	34.4	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	67	22.6	23.191	59.	5.8	52.741	7.262	16.62	19.2	26.6	31.1
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-09/25/79	5	1880.	2227.6	3320.	1288.	862108.8	928.498	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/77-07/06/77	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/06/77-07/06/77	1	1.653	1.653	1.653	1.653	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.								

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

Parameter Inventory for Station: GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-08/07/79	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-08/07/79	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			490.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	3	20.	1173.333	3480.	20.	3990533.333	1997.632	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	3	1.301	2.048	3.542	1.301	1.673	1.294	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			111.655								
32230	CHLOROPHYLL A (MG/L)	05/03/79-09/25/79	9	0.016	0.03	0.084	0.003	0.001	0.028	0.003	0.007	0.05	0.084
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.72	0.72	0.74	0.7	0.001	0.028	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-09/25/79	11	0.145	0.145	0.313	0.02	0.006	0.074	0.032	0.103	0.18	0.288

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

EPA Water Quality Criteria Analysis for Station: GWMP0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	45	5	0.11	15	1	0.07	10	0	0.00	20	4	0.20			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	19	0	0.00	15	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	1	0.08	11	1	0.09				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	151	26	0.17	52	12	0.23	25	0	0.00	74	14	0.19			
00400	PH	Other-Hi Lim.	9.	24	0	0.00	14	0	0.00	3	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	24	3	0.13	14	3	0.21	3	0	0.00	7	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	0	0.00	21	0	0.00				5	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	25	0	0.00	20	0	0.00				5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	96	0	0.00	32	0	0.00	24	0	0.00	40	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									

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

Annual Analysis for 1970 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	33	23.	20.306	28.5	5.5	45.558	6.75	7.94	16.5	25.	26.92
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	34	5.75	6.	11.3	2.3	7.688	2.773	2.75	3.575	8.825	10.25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	24	0.645	0.799	1.92	0.085	0.315	0.561	0.127	0.42	1.133	1.773
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	24	1.682	1.482	2.541	0.121	0.397	0.63	0.266	1.159	1.806	2.244
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	23	0.86	1.08	4.14	0.52	0.519	0.72	0.61	0.77	1.06	1.588
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	24	1.2	1.389	2.7	0.5	0.412	0.642	0.7	0.903	1.83	2.555
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	23	0.87	0.869	1.69	0.39	0.103	0.321	0.454	0.57	1.15	1.206
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	16	7.15	7.306	11.2	4.1	5.574	2.361	4.38	5.25	9.225	11.2
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	6	12.35	12.4	19.2	5.8	27.068	5.203	**	**	**	**

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

Annual Analysis for 1971 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	21	18.2	17.99	28.	1.8	58.652	7.658	3.04	16.	24.55	27.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	21	6.8	7.21	13.6	2.7	7.462	2.732	3.84	5.7	8.	12.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	11	0.589	0.86	1.621	0.31	0.253	0.503	0.33	0.437	1.3	1.615
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	9	1.539	1.567	2.209	0.812	0.227	0.476	0.812	1.175	1.997	2.209
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	11	0.74	0.868	1.64	0.24	0.195	0.442	0.242	0.61	1.16	1.586
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	11	0.97	0.968	1.44	0.56	0.058	0.241	0.594	0.82	1.12	1.386
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	11	0.66	0.66	0.95	0.47	0.032	0.178	0.474	0.49	0.82	0.942
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	7	6.6	6.514	10.1	2.1	5.545	2.355	**	**	**	**

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

Annual Analysis for 1972 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	21	17.	16.376	25.	3.5	48.98	6.999	4.4	10.4	23.	24.46
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	21	8.2	8.352	13.9	2.6	10.32	3.212	3.06	7.2	11.05	13.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	13	0.51	0.968	2.25	0.27	0.463	0.68	0.294	0.368	1.48	2.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	13	1.06	1.419	2.094	0.8	0.313	0.559	0.832	0.91	2.02	2.077
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	13	1.18	1.054	1.53	0.42	0.181	0.425	0.424	0.535	1.465	1.51
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	13	0.72	0.728	1.03	0.48	0.045	0.212	0.48	0.515	0.935	1.002
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	13	0.33	0.384	0.69	0.21	0.029	0.169	0.218	0.245	0.525	0.69
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	13	6.3	6.992	13.8	3.9	8.287	2.879	4.14	5.1	7.9	13.
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	13	22.9	25.415	59.	16.9	115.761	10.759	17.02	19.9	26.25	47.24

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

Annual Analysis for 1973 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	19	16.5	16.474	28.4	5.	75.791	8.706	5.	8.5	26.	28.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	18	7.45	7.606	12.5	2.2	12.229	3.497	2.38	5.05	10.5	12.41
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	17	0.625	0.951	2.35	0.001	0.574	0.758	0.001	0.285	1.527	2.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	17	1.277	1.476	2.392	0.649	0.349	0.591	0.674	0.941	2.065	2.302
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	17	0.93	1.048	1.64	0.52	0.141	0.376	0.664	0.755	1.425	1.624
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	17	1.01	0.925	1.29	0.43	0.068	0.261	0.51	0.69	1.085	1.274
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	17	0.59	0.551	0.9	0.18	0.051	0.225	0.18	0.375	0.695	0.9
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	17	6.9	6.694	9.9	3.2	3.459	1.86	3.52	5.55	8.05	9.26
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	17	24.1	23.676	32.5	15.4	21.578	4.645	16.68	19.65	26.7	31.38

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

Annual Analysis for 1974 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	20.5	16.25	28.5	2.5	112.413	10.603	2.5	5.125	25.25	28.25
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	14	9.6	8.986	14.	4.6	11.847	3.442	4.75	5.4	12.075	13.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	13	0.913	0.777	1.3	0.086	0.138	0.372	0.182	0.41	1.083	1.238
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	14	1.411	1.352	1.846	0.687	0.12	0.346	0.757	1.12	1.629	1.775
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	13	0.83	0.868	1.87	0.38	0.154	0.393	0.4	0.55	1.07	1.582
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	13	0.87	0.848	1.11	0.42	0.043	0.206	0.428	0.805	0.995	1.074
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	13	0.54	0.462	0.69	0.21	0.033	0.181	0.214	0.24	0.6	0.686
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	13	5.8	6.454	9.6	3.3	4.654	2.157	3.54	4.75	8.8	9.28
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	13	22.3	21.285	24.9	16.3	7.521	2.743	16.46	18.8	23.1	24.34

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

Annual Analysis for 1975 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	24.	18.427	30.	2.	110.559	10.515	2.9	7.	26.1	29.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	15	6.5	7.477	12.6	0.05	13.207	3.634	2.6	4.9	11.	12.12
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	15	0.572	0.606	1.04	0.044	0.075	0.273	0.112	0.494	0.78	0.988
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	1.089	1.104	1.503	0.73	0.048	0.218	0.762	0.978	1.215	1.498
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	15	1.09	1.071	1.41	0.72	0.036	0.19	0.792	0.89	1.21	1.332
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	15	0.65	0.702	1.5	0.46	0.067	0.258	0.478	0.53	0.75	1.146
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	15	0.26	0.237	0.32	0.08	0.005	0.068	0.122	0.19	0.29	0.314
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	15	6.	6.467	9.9	3.4	4.278	2.068	3.76	5.1	8.2	9.9
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	15	22.5	24.913	33.2	18.8	23.221	4.819	19.4	21.5	29.3	32.48

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

Annual Analysis for 1976 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	2	9.9	9.9	11.	8.8	2.42	1.556	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	1.289	1.289	1.476	1.102	0.07	0.264	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	1.822	1.822	1.888	1.755	0.009	0.094	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	1.135	1.135	1.45	0.82	0.198	0.445	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	2	0.625	0.625	0.72	0.53	0.018	0.134	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.23	0.23	0.27	0.19	0.003	0.057	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	7.2	7.2	7.3	7.1	0.02	0.141	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	27.8	27.8	27.8	27.8	0.	0.	**	**	**	**

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

Annual Analysis for 1977 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	21.5	21.5	28.3	14.7	92.48	9.617	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	2	6.65	6.65	8.	5.3	3.645	1.909	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	0.25	0.25	0.439	0.061	0.071	0.267	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	1.083	1.083	1.151	1.015	0.009	0.096	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	1.97	1.97	2.17	1.77	0.08	0.283	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	2	0.42	0.42	0.43	0.41	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.115	0.115	0.13	0.1	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	9.2	9.2	10.	8.4	1.28	1.131	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	23.4	23.6	29.	18.	14.946	3.866	18.1	19.	27.1	28.64
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	10	6.75	7.31	11.5	4.9	3.937	1.984	4.93	5.95	8.45	11.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	0.967	0.946	1.529	0.551	0.111	0.332	0.56	0.609	1.209	1.477
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	11	0.42	0.429	0.58	0.29	0.006	0.076	0.306	0.38	0.48	0.564
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	9	4.6	4.511	6.5	2.1	1.766	1.329	2.1	3.5	5.55	6.5
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	40.3	40.3	40.3	40.3	0.	0.	**	**	**	**

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

Annual Analysis for 1980 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	9	28.9	27.844	30.5	21.9	8.013	2.831	21.9	26.	30.	30.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	8	4.5	4.475	5.2	3.7	0.282	0.531	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	8	1.373	1.333	1.512	1.022	0.027	0.164	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	9	3.8	3.106	5.8	0.05	4.554	2.134	0.05	1.05	5.1	5.8

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

Annual Analysis for 1981 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	6	25.55	24.95	28.8	18.5	11.707	3.422	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	6	6.	6.417	8.8	5.4	1.538	1.24	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	8	0.84	0.859	1.076	0.653	0.019	0.137	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	56	26.	25.064	30.5	13.9	17.566	4.191	16.85	23.35	28.	29.21
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	19	21.	20.947	34.	4.	46.942	6.851	13.	16.	25.	30.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	52	5.3	5.523	10.1	2.2	3.24	1.8	3.3	4.2	6.875	8.27
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	22	3.95	3.941	6.6	1.2	2.309	1.52	1.43	2.85	5.225	5.88
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	14	6.805	6.742	7.5	6.1	0.145	0.381	6.16	6.453	6.985	7.265
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	14	6.795	6.591	7.5	6.1	0.17	0.412	6.16	6.453	6.985	7.265
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	14	0.16	0.257	0.794	0.032	0.053	0.231	0.062	0.104	0.367	0.698
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	33	0.462	0.759	2.35	0.001	0.507	0.712	0.051	0.144	1.386	2.04
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	21	0.909	0.908	1.483	0.001	0.172	0.415	0.409	0.564	1.333	1.431
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	54	1.202	1.309	2.392	0.191	0.235	0.485	0.779	0.96	1.601	2.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	32	1.105	1.228	4.14	0.38	0.5	0.707	0.523	0.763	1.593	1.84
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	40	0.9	0.905	2.7	0.29	0.286	0.535	0.4	0.483	1.068	1.488
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	32	0.54	0.533	1.69	0.08	0.123	0.351	0.136	0.235	0.703	1.018
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	44	6.7	6.406	11.8	0.05	7.526	2.743	2.7	4.425	8.35	9.95
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	26	25.5	26.292	40.3	17.1	25.512	5.051	20.88	22.8	29.975	32.71

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	24	5.25	5.779	12.5	1.8	10.31	3.211	1.9	3.5	8.	11.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	8	17.	17.875	36.	4.	91.554	9.568	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	25	11.6	11.412	14.	7.3	3.444	1.856	8.5	10.1	13.	13.72
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	3	6.9	7.233	8.1	6.7	0.573	0.757	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	3	6.9	6.954	8.1	6.7	0.69	0.831	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	3	0.126	0.111	0.2	0.008	0.009	0.097	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	24	0.613	0.826	1.92	0.325	0.262	0.512	0.343	0.495	0.943	1.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	23	1.089	1.245	2.064	0.687	0.182	0.426	0.818	0.898	1.703	1.955
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	24	1.155	1.175	1.64	0.83	0.047	0.216	0.93	1.02	1.23	1.55
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	24	0.78	0.912	2.47	0.42	0.257	0.507	0.46	0.62	0.978	1.785
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	24	0.48	0.516	1.15	0.22	0.076	0.276	0.23	0.293	0.653	1.025
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	22	5.95	6.441	13.8	2.1	6.398	2.529	3.48	4.5	8.1	9.36
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	17	22.3	23.524	59.	16.3	97.178	9.858	16.62	17.7	25.05	34.04

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	72	19.9	19.421	29.	7.	36.537	6.045	8.65	16.45	24.575	26.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	26	20.	18.231	36.	6.	58.265	7.633	7.4	13.	22.25	26.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-09/15/81	74	6.9	6.941	12.5	0.05	7.79	2.791	2.9	4.875	8.825	11.05
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	8	1.9	2.113	3.3	1.	0.916	0.957	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	7	7.42	7.424	7.8	7.15	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	7	7.42	7.376	7.8	7.15	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	7	0.038	0.042	0.071	0.016	0.	0.02	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	40	0.764	0.87	1.645	0.185	0.187	0.432	0.361	0.487	1.238	1.551
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	5	0.579	0.643	1.175	0.362	0.097	0.311	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	46	1.35	1.372	2.541	0.121	0.301	0.548	0.605	1.048	1.759	2.097
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	40	0.8	0.799	1.25	0.24	0.063	0.251	0.432	0.663	0.99	1.171
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	44	0.87	0.897	1.98	0.43	0.14	0.374	0.49	0.587	1.07	1.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	40	0.525	0.561	1.21	0.18	0.092	0.303	0.19	0.27	0.748	1.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	37	5.6	6.105	11.2	2.1	4.006	2.001	3.56	5.15	6.9	9.66
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	24	20.9	19.596	29.3	5.8	31.57	5.619	9.75	17.325	23.15	25.45

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Station Inventory for Station: GWMP0021

NPS Station ID: GWMP0021
LAT/LON: 38.706670/ -77.048892
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC R. AT PISCATAWAY 77
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-007 /007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.59
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-03/23/70	4	4.95	4.95	6.1	3.8	1.617	1.271	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/24/70-03/23/70	2	21.5	21.5	23.	20.	4.5	2.121	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/24/70-02/24/70	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/24/70-03/23/70	4	11.75	11.75	12.2	11.3	0.217	0.465	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/70-03/23/70	4	0.61	0.608	0.624	0.589	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/70-03/23/70	4	1.065	1.066	1.26	0.875	0.034	0.183	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/24/70-03/23/70	4	1.245	1.245	1.38	1.11	0.021	0.145	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/24/70-03/23/70	4	0.98	1.005	1.15	0.91	0.01	0.102	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/70-03/23/70	4	0.61	0.613	0.68	0.55	0.003	0.059	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/24/70-03/23/70	4	3.7	3.725	5.6	1.9	2.822	1.68	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	02/24/70-02/24/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0021

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: GWMP0022

NPS Station ID: GWMP0022
LAT/LON: 38.706670/ -77.049337
Agency: 11121VWQ
Date Created: / /
Location: POTOMAC RIVER AT FL. 77
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-EMB-001D /01D
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	7	17.	15.043	27.	2.	114.693	10.709	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/25/70-07/09/70	7	18.	18.571	24.	12.	29.286	5.412	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/70-03/19/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/25/70-06/10/70	3	0.5	0.567	1.	0.2	0.163	0.404	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	7	10.4	8.986	11.9	4.	10.151	3.186	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	7	0.848	0.873	1.44	0.522	0.09	0.3	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	7	1.23	1.165	1.892	0.387	0.322	0.567	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	7	1.07	0.933	1.4	0.34	0.15	0.387	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/25/70-07/09/70	7	1.13	1.016	1.38	0.32	0.144	0.38	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	7	0.73	0.753	0.98	0.47	0.025	0.157	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	3	5.6	5.967	6.9	5.4	0.663	0.814	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0022

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	1	0.14	1	0	0.00	3	0	0.00	3	1	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0023

NPS Station ID: GWMP0023
LAT/LON: 38.706948/ -77.037504
Agency: 1113PIWQ
Date Created: / /
Location: PSCATAWY C. MID-CHAN CONFLU POTM
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 012 /012 /P-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 2.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.33
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	4	26.25	26.25	26.5	26.	0.083	0.289	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	4	13.	15.5	24.	12.	33.	5.745	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	4	6.15	6.175	8.2	4.2	3.042	1.744	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	4	10.5	11.125	14.6	8.9	5.942	2.438	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	3	2.348	2.237	2.593	1.771	0.178	0.422	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	4	1.205	1.288	1.6	1.14	0.046	0.214	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	660.	660.	930.	390.	145800.	381.838	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	2.78	2.78	2.968	2.591	0.071	0.267	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			602.246								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	252.5	252.5	430.	75.	63012.5	251.023	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	2.254	2.254	2.633	1.875	0.288	0.536	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			179.583								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	4	136.575	133.538	184.5	76.5	1957.656	44.245	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	4	1.	1.06	1.4	0.84	0.061	0.248	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: GWMP0024

NPS Station ID: GWMP0024
LAT/LON: 38.706948/ -77.037504
Agency: 11121TWQ
Date Created: / /
Location: PSCATAWY C. MOUTH MID-CHAN MARKR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-P8 /PI8 /PSCATAWY-P-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 2.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-07/05/77	16	26.25	22.781	29.5	1.5	84.866	9.212	3.95	21.25	28.875	29.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-07/05/77	11	11.	15.636	50.	3.5	165.505	12.865	3.7	10.	20.	44.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/01/76	14	17.	18.143	30.	11.	43.978	6.632	11.5	12.	22.75	29.
00300	OXYGEN, DISSOLVED MG/L	01/14/74-07/05/77	16	6.95	8.	13.8	3.5	9.717	3.117	3.92	6.075	10.85	13.38
00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/77-06/06/77	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/06/77	16	0.488	0.555	1.47	0.044	0.192	0.438	0.055	0.125	0.916	1.211
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-07/05/77	17	1.189	1.246	2.235	0.634	0.237	0.487	0.661	0.757	1.604	2.021
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-06/06/77	16	0.785	0.868	1.66	0.09	0.206	0.453	0.258	0.548	1.233	1.569
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-07/05/77	17	0.67	0.688	1.07	0.29	0.073	0.27	0.306	0.44	0.96	1.03
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-07/05/77	17	0.22	0.258	0.52	0.01	0.026	0.16	0.066	0.125	0.405	0.52
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-07/05/77	17	6.6	6.606	9.9	1.3	6.789	2.606	2.18	4.7	8.75	9.82
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/05/77	16	23.4	23.338	32.3	16.1	21.441	4.63	16.59	19.825	24.975	31.46

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

EPA Water Quality Criteria Analysis for Station: GWMP0024

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	6	1	0.17	2	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	1	0.06	8	1	0.13	3	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			

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

Station Inventory for Station: GWMP0025

NPS Station ID: GWMP0025 | LAT/LON: 38.706948/ -77.048892 | Agency: 111230WQ | Date Created: / /
Location: POTOMAC RIVER AT PISCATAWAY CR | FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): POT-88.50
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0088.50
HUC: 02070010 | Depth of Water: 60 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010013 | RF1 Mile Point: 0.010 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010057100.00 | RF3 Mile Point: 0.08 | Distance from RF3: 0.48 | On/Off RF3:
Description:
THIS STATION WAS SAMPLED FOR THE NUTRIENT TRANSPORT STUDY. IT IS LOCATED IN THE MIDDLE CHANNEL OF THE POTOMAC ESTUARY APPROX. 88.5 MILES UPSTREAM FROM THE CHESAPEAKE BAY NEAR PISCATAWAY CR (MD). IT IS LOCATED NEAR BUOY FL4SEC'77'. THIS LOCATION WAS DETERMINED BY US C^GS CHART NO. 560.

Parameter Inventory for Station: GWMP0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	48	15.5	14.698	30.	0.	98.316	9.915	1.	5.125	25.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	43	21.	21.047	33.	10.	32.998	5.744	13.	16.	25.	29.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	21	1.67	1.601	3.32	0.336	0.507	0.712	0.592	1.061	2.122	2.386
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	46	1.919	2.044	3.93	0.205	0.715	0.845	0.927	1.577	2.617	3.354
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	50	1.	0.988	2.55	0.11	0.218	0.467	0.377	0.695	1.273	1.504
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	49	1.89	1.909	3.61	0.66	0.538	0.733	0.98	1.215	2.44	2.87
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	21	1.36	1.426	2.97	0.32	0.504	0.71	0.61	0.825	1.755	2.704
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	33	1.22	1.281	2.56	0.48	0.332	0.576	0.518	0.68	1.765	2.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	34	6.3	6.941	17.2	3.	9.699	3.114	3.2	4.675	8.725	11.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/69-01/27/70	15	6.6	7.4	15.3	2.4	13.234	3.638	2.88	4.4	10.	13.86
32230	CHLOROPHYLL A (MG/L)	02/26/69-02/26/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	50	1.1	1.186	2.7	0.04	0.489	0.699	0.31	0.6	1.7	2.19

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

EPA Water Quality Criteria Analysis for Station: GWMP0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	50	0	0.00	15	0	0.00	22	0	0.00	13	0	0.00			

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

Station Inventory for Station: GWMP0026

NPS Station ID: GWMP0026
LAT/LON: 38.706948/ -77.048892
Agency: 1113PEET
Date Created: / /
Location: POTOMAC R. PISCATAWAY AT FL"77"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070011007800.16
RF3 Mile Point: 0.15
Distance from RF3: 7.59
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-03/23/70	4	4.9	4.925	6.1	3.8	1.689	1.3	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/24/70-03/23/70	2	21.5	21.5	23.	20.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/24/70-03/23/70	4	11.75	11.75	12.2	11.3	0.217	0.465	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/24/70-02/24/70	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/70-03/23/70	4	0.61	0.608	0.624	0.589	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/70-03/23/70	4	1.065	1.066	1.26	0.875	0.034	0.183	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/24/70-03/23/70	4	1.245	1.245	1.38	1.11	0.021	0.145	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/70-03/23/70	4	0.64	0.628	0.68	0.55	0.003	0.055	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/24/70-03/23/70	4	3.7	3.725	5.6	1.9	2.822	1.68	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/24/70-03/23/70	2	3.75	3.75	7.5	0.	28.125	5.303	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/70-03/23/70	4	0.98	1.005	1.15	0.91	0.01	0.102	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0026

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: GWMP0027

NPS Station ID: GWMP0027
LAT/LON: 38.706948/ -77.048892
Agency: 1113PEET
Date Created: / /
Location: PO.R. PISCATAWAY CR. AT FL"77"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /7-MC
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010013
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-07/09/70	7	17.	15.043	27.	2.	114.693	10.709	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/25/70-07/09/70	7	18.	18.571	24.	12.	29.286	5.412	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/70-03/19/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/25/70-07/09/70	7	10.4	8.986	11.9	4.	10.151	3.186	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/25/70-06/10/70	3	0.5	0.6	1.1	0.2	0.21	0.458	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/70-07/09/70	7	0.848	0.873	1.44	0.522	0.09	0.3	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/70-07/09/70	7	1.23	1.165	1.892	0.387	0.322	0.567	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/70-07/09/70	7	1.07	0.933	1.4	0.34	0.15	0.387	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/70-07/09/70	7	0.73	0.753	0.98	0.47	0.025	0.157	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-07/09/70	3	5.6	5.967	6.9	5.4	0.663	0.814	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-05/20/70	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/25/70-07/09/70	7	12.8	39.986	172.5	3.8	3620.011	60.167	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/25/70-07/09/70	7	1.13	1.016	1.38	0.32	0.144	0.38	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	1	0.14	1	0	0.00	3	0	0.00	3	1	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0028

NPS Station ID: GWMP0028 LAT/LON: 38.707226/ -77.049171 Agency: 21MDOEP Date Created: 06/06/87
Location: AT FL BOUY 77 OFF MOUTH OF PISCATAWAY CR. FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): XFB2470
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 62 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 02070010001400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.18 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	395	19.9	18.256	31.2	1.	71.009	8.427	5.9	10.9	26.	28.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	395	23.	19.49	36.5	2.	75.671	8.699	6.	12.5	26.	30.
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	395	40.	44.709	100.	0.	1369.42	37.006	1.	10.	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	395	5.5	5.808	27.	0.	31.206	5.586	0.6	2.2	9.4	14.9
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	395	63.	62.842	69.9	55.8	7.136	2.671	59.1	61.	65.	66.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	231	20.	26.781	168.	8.3	550.164	23.456	12.	14.5	29.	44.
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	395	0.6	0.589	0.9	0.1	0.021	0.146	0.4	0.5	0.7	0.8
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	385	243.	236.634	332.	27.	2369.103	48.673	177.8	209.5	272.	291.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	395	340.	334.554	560.	191.	6134.476	78.323	223.6	275.	389.	430.4
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	395	8.1	8.64	13.6	3.4	6.211	2.492	5.9	6.6	10.7	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	195	1.7	1.908	8.6	0.5	2.163	1.471	0.5	0.7	2.6	3.64
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	395	7.7	7.774	8.9	6.6	0.085	0.292	7.4	7.6	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	395	7.7	7.678	8.9	6.6	0.094	0.307	7.4	7.6	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	395	0.02	0.021	0.251	0.001	0.	0.019	0.008	0.013	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	228	78.	75.592	109.	45.	210.022	14.492	53.	65.	85.	92.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	395	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	230	24.	31.587	214.	2.	883.335	29.721	11.	17.	35.	52.7
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	222	3.	3.012	5.15	1.75	0.408	0.638	2.25	2.5	3.405	3.8
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	217	0.25	0.314	1.92	0.	0.085	0.291	0.018	0.136	0.4	0.69
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	220	0.35	0.343	1.41	0.	0.034	0.185	0.11	0.24	0.44	0.52
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	227	0.121	0.152	0.6	0.008	0.014	0.118	0.036	0.083	0.2	0.27
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	225	0.042	0.056	0.37	0.002	0.003	0.051	0.013	0.024	0.075	0.115
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	223	2.11	2.166	4.14	0.92	0.324	0.569	1.484	1.79	2.48	2.95
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	224	0.475	0.494	1.5	0.1	0.048	0.218	0.239	0.331	0.6	0.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	224	0.788	0.802	2.17	0.2	0.107	0.327	0.429	0.6	0.95	1.209
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	229	2.2	2.227	4.2	1.02	0.315	0.562	1.56	1.81	2.58	3.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	229	0.02	0.022	0.1	0.	0.	0.013	0.01	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	222	0.086	0.106	0.449	0.022	0.004	0.065	0.051	0.068	0.121	0.184
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	224	0.029	0.031	0.114	0.004	0.	0.017	0.011	0.018	0.041	0.052
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	216	0.057	0.075	0.417	0.	0.004	0.06	0.025	0.038	0.09	0.14
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	222	0.009	0.012	0.098	0.	0.	0.014	0.	0.002	0.016	0.028
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	226	3.85	3.897	9.5	0.5	1.628	1.276	2.3	3.	4.6	5.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	219	3.5	3.533	6.7	1.6	0.76	0.872	2.4	3.	4.	4.6
00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	231	1.8	1.879	4.	0.1	1.118	1.057	0.6	1.	2.8	3.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	47	1100.	2452.511	13000.	49.	9957483.603	3155.548	210.	460.	3300.	7900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	47	3.041	3.059	4.114	1.69	0.337	0.581	2.32	2.663	3.519	3.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1144.68								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	47	81.	463.	2800.	2.	587027.957	766.177	2.	14.	460.	1820.

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

Parameter Inventory for Station: GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	47	1.908	1.897	3.447	0.301	0.966	0.983	0.301	1.146	2.663	3.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			78.896								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	222	11.36	16.657	98.21	0.65	293.982	17.146	2.484	4.5	22.503	42.566
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	219	7.97	13.441	105.91	0.5	238.783	15.453	1.99	3.74	17.44	30.9
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	222	0.08	0.48	5.99	0.	0.706	0.84	0.	0.	0.675	1.518
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	222	1.075	1.809	78.51	0.	29.259	5.409	0.	0.248	1.903	3.77
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	219	3.51	4.801	30.75	0.	28.7	5.357	0.05	0.95	6.85	11.31

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

EPA Water Quality Criteria Analysis for Station: GWMP0028

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	231	18	0.08	96	5	0.05	66	12	0.18	69	1	0.01			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	395	5	0.01	163	0	0.00	112	0	0.00	120	5	0.04			
00400	PH	Other-Hi Lim.	9.	395	0	0.00	163	0	0.00	112	0	0.00	120	0	0.00			
		Other-Lo Lim.	6.5	395	0	0.00	163	0	0.00	112	0	0.00	120	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	225	0	0.00	90	0	0.00	66	0	0.00	69	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	223	0	0.00	88	0	0.00	66	0	0.00	69	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	229	0	0.00	94	0	0.00	66	0	0.00	69	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	47	25	0.53	16	8	0.50	19	10	0.53	12	7	0.58			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	47	19	0.40	16	2	0.13	19	13	0.68	12	4	0.33			

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

Annual Analysis for 1991 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	104	20.25	19.091	29.8	3.5	75.392	8.683	6.7	11.1	27.7	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	104	24.	20.784	36.5	4.	103.288	10.163	5.	10.375	29.	32.
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	104	50.	54.375	100.	1.	1293.343	35.963	10.	15.	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	104	3.85	4.611	20.9	0.	23.199	4.817	0.	0.6	5.5	9.4
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	104	64.	63.518	69.9	55.8	10.027	3.166	58.4	62.3	65.6	66.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	60	19.75	28.095	168.	10.	930.518	30.504	12.12	14.525	23.	46.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	104	0.6	0.643	0.9	0.3	0.024	0.154	0.45	0.6	0.8	0.9
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	104	203.	213.548	332.	136.	2745.163	52.394	139.	182.25	261.75	276.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	104	351.	360.154	560.	214.	9637.996	98.173	226.5	264.	411.5	498.5
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	104	7.6	8.128	13.4	4.	6.221	2.494	5.5	6.2	9.5	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	59	1.	1.575	7.2	0.5	2.162	1.47	0.5	0.5	2.1	3.5
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	104	7.7	7.676	8.4	7.3	0.06	0.246	7.4	7.5	7.8	8.05
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	104	7.7	7.616	8.4	7.3	0.064	0.253	7.4	7.5	7.8	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	104	0.02	0.024	0.05	0.004	0.	0.012	0.009	0.016	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	57	74.	74.509	109.	45.	265.933	16.307	50.	67.5	85.5	98.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	104	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	60	21.	32.383	200.	2.	1605.664	40.071	9.1	13.	30.	74.5
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	53	3.35	3.283	5.15	1.75	0.656	0.81	2.22	2.675	3.8	4.14
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	52	0.2	0.236	0.95	0.	0.051	0.225	0.	0.05	0.388	0.55
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	56	0.385	0.421	1.41	0.04	0.064	0.253	0.127	0.253	0.518	0.713
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	57	0.098	0.152	0.6	0.008	0.015	0.124	0.048	0.084	0.168	0.296
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	54	0.056	0.057	0.155	0.009	0.002	0.045	0.01	0.013	0.076	0.138
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	54	2.4	2.465	4.14	1.49	0.421	0.649	1.59	1.99	3.03	3.32
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	59	0.6	0.567	1.5	0.15	0.068	0.261	0.25	0.4	0.7	0.85
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	53	0.85	0.785	1.7	0.2	0.107	0.328	0.4	0.5	0.95	1.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	60	2.5	2.512	4.2	1.5	0.39	0.625	1.62	2.	2.95	3.28
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	60	0.02	0.017	0.04	0.	0.	0.007	0.01	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	54	0.075	0.096	0.327	0.022	0.005	0.069	0.044	0.054	0.104	0.193
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	59	0.027	0.03	0.114	0.004	0.	0.018	0.011	0.018	0.036	0.049
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	54	0.05	0.067	0.284	0.002	0.004	0.061	0.018	0.033	0.077	0.15
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	59	0.01	0.015	0.098	0.	0.	0.017	0.	0.004	0.021	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	56	3.8	3.85	9.5	0.5	2.582	1.607	1.98	2.925	4.6	5.39
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	52	3.65	3.673	5.8	1.6	0.886	0.941	2.4	3.1	4.2	5.15
00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	60	1.55	1.753	3.8	0.2	0.936	0.968	0.7	0.925	2.7	3.18
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	12	1950.	3295.	9500.	230.	11307245.455	3362.625	230.	790.	7150.	9020.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	12	3.286	3.246	3.978	2.362	0.314	0.56	2.362	2.898	3.846	3.954
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1763.964								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	200.	606.833	2800.	2.	705365.97	839.861	2.9	30.75	1100.	2350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	2.296	2.162	3.447	0.301	1.	1.	0.42	1.337	3.041	3.347
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			145.342								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	60	9.18	12.335	50.81	1.36	121.932	11.042	1.71	4.358	17.503	28.256
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	56	6.73	10.45	44.11	1.07	90.22	9.498	2.09	3.99	13.873	26.317
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	60	0.04	0.384	3.27	0.	0.399	0.632	0.	0.	0.675	1.206
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	60	1.105	2.462	78.51	0.	100.891	10.044	0.	0.135	1.828	3.062
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	56	2.895	3.707	25.01	0.	19.528	4.419	0.	0.685	5.13	7.975

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

Annual Analysis for 1992 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	104	17.1	17.181	29.7	2.8	60.736	7.793	5.9	10.4	24.7	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	104	17.	17.596	30.	2.	73.442	8.57	6.25	11.5	24.5	28.5
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	104	30.	43.846	100.	0.	1419.529	37.677	2.5	10.	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	104	5.5	5.14	20.9	0.	24.74	4.974	0.6	0.6	5.5	12.15
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	104	63.3	63.437	66.9	59.4	4.904	2.215	60.4	62.3	65.	66.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	60	22.5	25.052	62.	8.3	159.544	12.631	12.31	15.225	32.5	43.9

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Annual Analysis for 1992 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	104	0.6	0.565	0.8	0.3	0.02	0.14	0.35	0.5	0.7	0.75
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	104	255.	253.788	310.	172.	1138.188	33.737	208.5	228.5	285.75	295.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	104	309.5	316.519	398.	199.	3159.767	56.212	237.5	276.	364.25	390.
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	104	8.75	8.802	13.4	4.6	4.854	2.203	6.	7.125	10.7	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	51	1.5	1.704	5.7	0.5	1.336	1.156	0.5	0.7	2.1	3.62
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	104	7.8	7.818	8.9	7.3	0.052	0.229	7.6	7.7	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	104	7.8	7.766	8.9	7.3	0.055	0.235	7.6	7.7	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	104	0.016	0.017	0.05	0.001	0.	0.009	0.01	0.013	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	60	77.5	73.833	92.	49.	166.277	12.895	54.2	64.25	84.75	89.9
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	104	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	60	28.	28.933	126.	5.	302.809	17.401	12.1	20.	35.	40.9
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	58	3.075	3.031	4.8	2.1	0.248	0.498	2.45	2.675	3.263	3.5
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	57	0.2	0.227	0.95	0.	0.031	0.176	0.	0.1	0.3	0.4
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	57	0.36	0.367	0.76	0.13	0.012	0.111	0.2	0.305	0.45	0.472
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	60	0.176	0.193	0.6	0.02	0.018	0.133	0.052	0.101	0.244	0.392
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	60	0.035	0.037	0.082	0.012	0.	0.018	0.017	0.024	0.047	0.066
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	58	2.25	2.225	3.05	1.38	0.114	0.338	1.86	1.98	2.473	2.58
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	57	0.55	0.56	1.	0.3	0.028	0.168	0.3	0.425	0.65	0.81
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	60	0.75	0.789	1.8	0.45	0.056	0.238	0.555	0.65	0.85	1.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	58	2.3	2.26	3.1	1.4	0.119	0.345	1.9	2.	2.5	2.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	60	0.03	0.027	0.06	0.	0.	0.013	0.001	0.02	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	57	0.1	0.1	0.167	0.057	0.001	0.026	0.068	0.082	0.116	0.133
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	56	0.042	0.04	0.078	0.01	0.	0.018	0.01	0.029	0.051	0.067
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	53	0.062	0.062	0.138	0.	0.001	0.03	0.022	0.041	0.084	0.1
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	56	0.014	0.015	0.052	0.	0.	0.013	0.	0.003	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	59	3.1	3.344	6.7	2.	0.901	0.949	2.2	2.8	3.7	4.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	60	3.1	3.162	4.9	2.	0.358	0.598	2.21	2.825	3.4	4.08
00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	60	2.2	2.218	4.	0.2	0.681	0.825	1.03	1.825	2.775	3.44
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	12	1700.	1943.25	4900.	79.	2324926.75	1524.771	160.3	642.5	3050.	4720.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	12	3.23	3.101	3.69	1.898	0.26	0.51	2.092	2.778	3.479	3.673
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1262.473								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	59.5	364.	1700.	5.	333476.	577.474	7.7	18.75	450.	1610.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	1.768	1.967	3.23	0.699	0.663	0.814	0.833	1.268	2.647	3.205
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			92.771								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	59	8.73	11.099	29.64	2.46	68.327	8.266	3.2	4.05	13.75	25.84
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	60	6.855	8.912	26.42	1.5	52.512	7.247	2.24	3.49	11.2	22.155
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	59	0.	0.063	0.59	0.	0.015	0.123	0.	0.	0.06	0.28
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	59	0.92	0.953	3.63	0.	0.751	0.867	0.	0.24	1.34	2.02
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	60	1.76	2.907	17.92	0.	10.033	3.168	0.205	0.88	3.755	6.977

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Annual Analysis for 1993 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	91	20.2	18.67	31.2	2.8	75.411	8.684	5.	11.8	26.4	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	91	23.	20.797	30.5	6.	58.344	7.638	8.	13.5	28.	30.
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	91	50.	40.22	100.	0.	1582.173	39.777	0.	0.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	91	9.4	8.889	27.	0.	54.551	7.386	0.6	2.2	9.4	20.9
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	91	62.3	61.924	65.6	58.1	4.639	2.154	59.1	60.4	63.3	65.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	54	21.25	32.722	155.	8.4	934.395	30.568	11.5	13.275	34.25	79.
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	91	0.6	0.571	0.8	0.1	0.024	0.156	0.3	0.5	0.7	0.7
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	91	248.	243.714	318.	141.	1548.873	39.356	191.	224.	277.	300.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	91	350.	335.341	474.	191.	5768.938	75.954	203.6	279.	395.	428.4
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	91	7.9	8.83	13.1	5.1	5.503	2.346	6.24	7.3	10.7	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	40	1.55	1.648	3.5	0.5	0.751	0.867	0.5	0.9	2.275	2.89
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	91	7.8	7.811	8.7	7.4	0.079	0.281	7.5	7.6	8.	8.2

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Annual Analysis for 1993 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	91	7.8	7.732	8.7	7.4	0.085	0.292	7.5	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	91	0.016	0.019	0.04	0.002	0.	0.01	0.006	0.01	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	54	77.	74.963	106.	48.	268.565	16.388	49.	63.	85.25	99.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	91	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	53	27.	40.321	214.	7.	1382.453	37.181	13.8	20.	46.5	84.6
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	54	2.945	3.007	3.9	2.15	0.276	0.526	2.295	2.558	3.503	3.695
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	52	0.32	0.491	1.92	0.	0.181	0.425	0.093	0.192	0.722	1.111
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	51	0.36	0.308	0.67	0.	0.03	0.172	0.034	0.17	0.41	0.46
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	53	0.111	0.117	0.27	0.008	0.006	0.08	0.022	0.046	0.177	0.261
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	54	0.056	0.059	0.144	0.002	0.002	0.042	0.009	0.019	0.091	0.129
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	54	1.925	2.021	2.96	0.92	0.269	0.519	1.35	1.673	2.453	2.81
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	52	0.435	0.431	0.856	0.1	0.033	0.182	0.2	0.3	0.546	0.687
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	54	0.88	0.927	2.17	0.25	0.149	0.386	0.42	0.697	1.108	1.41
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	54	1.95	2.08	3.	1.02	0.273	0.523	1.425	1.745	2.58	2.845
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	52	0.02	0.022	0.1	0.	0.	0.019	0.01	0.01	0.028	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	54	0.088	0.134	0.449	0.036	0.009	0.093	0.058	0.068	0.162	0.294
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	52	0.025	0.028	0.076	0.01	0.	0.016	0.01	0.015	0.035	0.055
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	52	0.066	0.101	0.417	0.01	0.007	0.086	0.033	0.046	0.121	0.243
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	50	0.007	0.011	0.06	0.	0.	0.013	0.	0.	0.016	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	54	4.5	4.435	7.1	2.3	1.089	1.044	3.	3.775	5.225	5.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	52	3.8	3.652	5.9	2.1	0.577	0.76	2.8	3.	4.	4.5
00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	54	1.35	1.711	3.5	0.1	1.214	1.102	0.1	0.9	2.625	3.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	12	1245.	3663.333	13000.	170.	21892315.152	4678.922	185.	542.5	4900.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	12	3.064	3.188	4.114	2.23	0.409	0.639	2.264	2.729	3.69	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1543.08								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	56.	677.583	2800.	2.	1195150.083	1093.229	2.	5.5	1840.	2650.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	12	1.708	1.802	3.447	0.301	1.419	1.191	0.301	0.736	3.187	3.422
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			63.381								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	53	13.73	18.237	57.13	1.05	249.878	15.808	1.648	5.815	24.57	46.292
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	52	9.22	14.234	44.86	0.75	162.651	12.753	1.325	5.23	21.243	35.958
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	53	0.17	0.564	3.31	0.	0.699	0.836	0.	0.	0.87	2.042
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	53	1.13	1.567	5.71	0.	2.098	1.449	0.064	0.345	2.065	3.878
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	52	4.855	6.225	30.75	0.	37.945	6.16	0.265	1.405	8.595	12.479

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

Annual Analysis for 1994 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	96	19.9	18.125	29.6	1.	73.255	8.559	4.97	11.2	25.6	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	96	19.	18.901	30.	2.	59.203	7.694	4.	14.5	25.	28.
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	96	30.	39.427	100.	1.	1088.668	32.995	5.	10.	70.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	96	5.5	4.908	14.9	0.	13.798	3.715	0.6	2.2	5.5	9.4
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	01/10/91-12/12/94	96	62.3	62.334	66.6	56.4	7.058	2.657	59.1	60.	64.6	65.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	57	18.7	21.588	86.	10.4	160.265	12.66	12.18	14.85	23.	34.
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	96	0.6	0.572	0.7	0.3	0.014	0.117	0.4	0.5	0.7	0.7
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	01/10/91-12/12/94	86	242.5	236.314	310.	27.	3291.159	57.369	182.7	222.75	273.25	291.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	96	325.5	325.615	452.	210.	4946.303	70.33	214.	273.	372.	426.5
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	96	8.15	8.84	13.6	3.4	8.148	2.854	5.01	6.825	11.	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	45	2.4	2.807	8.6	0.5	3.416	1.848	0.5	1.65	3.55	6.16
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	96	7.7	7.796	8.8	6.6	0.142	0.377	7.4	7.7	7.9	8.13
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	96	7.7	7.62	8.8	6.6	0.174	0.417	7.4	7.7	7.9	8.13
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	96	0.02	0.024	0.251	0.002	0.001	0.034	0.007	0.013	0.02	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	57	81.	79.123	101.	56.	138.467	11.767	58.8	73.	86.5	92.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	96	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	57	22.	25.421	74.	7.	198.677	14.095	10.8	16.5	32.	40.6
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	57	2.61	2.746	4.41	1.78	0.343	0.585	2.156	2.33	3.19	3.528

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

Annual Analysis for 1994 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00606	NITROGEN, ORGANIC, SUSPENDED (MG/L AS N)	01/10/91-12/12/94	56	0.258	0.309	0.8	0.022	0.043	0.207	0.093	0.155	0.462	0.657
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	56	0.28	0.271	0.57	0.	0.02	0.141	0.07	0.133	0.368	0.459
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	57	0.121	0.14	0.567	0.008	0.013	0.114	0.025	0.084	0.166	0.246
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	57	0.061	0.07	0.37	0.015	0.006	0.076	0.016	0.026	0.084	0.114
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	57	1.84	1.962	3.66	1.03	0.363	0.603	1.306	1.51	2.4	2.752
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/10/91-12/12/94	56	0.386	0.409	1.1	0.126	0.04	0.2	0.185	0.271	0.495	0.627
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	57	0.629	0.714	1.683	0.246	0.101	0.317	0.34	0.512	0.95	1.203
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	57	1.9	2.032	3.72	1.13	0.345	0.588	1.418	1.59	2.45	2.804
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	57	0.02	0.021	0.05	0.01	0.	0.009	0.01	0.01	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	57	0.079	0.096	0.26	0.027	0.002	0.049	0.05	0.063	0.116	0.173
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/91-12/12/94	57	0.027	0.027	0.051	0.01	0.	0.011	0.01	0.017	0.035	0.043
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	01/10/91-12/12/94	57	0.054	0.069	0.227	0.022	0.002	0.045	0.026	0.039	0.09	0.137
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	01/10/91-12/12/94	57	0.005	0.006	0.038	0.	0.	0.008	0.	0.	0.01	0.016
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	57	3.9	4.005	7.	2.	1.424	1.193	2.28	3.2	4.65	5.66
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/10/91-12/12/94	55	3.8	3.693	6.7	1.9	1.085	1.042	2.12	3.1	4.4	5.2
00956	SILICA, TOTAL (MG/L AS SI02)	01/10/91-12/12/94	57	1.3	1.812	3.8	0.1	1.566	1.251	0.1	0.7	3.2	3.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	11	460.	768.091	2800.	49.	684220.091	827.176	73.2	230.	790.	2600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	11	2.663	2.666	3.447	1.69	0.237	0.487	1.798	2.362	2.898	3.409
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			463.344								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	11	34.	180.	790.	2.	62997.4	250.993	2.	5.	280.	724.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/10/91-12/12/94	11	1.531	1.635	2.898	0.301	0.877	0.936	0.301	0.699	2.447	2.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.11								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	50	18.135	26.725	98.21	0.65	666.839	25.823	2.565	8.37	41.71	70.417
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	51	12.71	21.244	105.91	0.5	616.598	24.831	1.	3.29	29.65	60.502
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	50	0.78	0.999	5.99	0.	1.441	1.2	0.	0.	1.405	2.77
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/10/91-12/12/94	50	1.755	2.293	8.41	0.	5.657	2.378	0.063	0.393	3.845	6.313
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	51	6.48	6.778	28.61	0.	41.363	6.431	0.01	1.64	9.59	14.46

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	163	25.8	24.404	31.2	14.9	19.609	4.428	17.4	21.1	28.1	29.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	163	25.	24.727	36.5	8.	34.82	5.901	17.	23.	28.5	31.14
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	163	20.	38.466	100.	0.	1248.312	35.331	1.	10.	70.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	163	2.2	5.155	20.9	0.	27.438	5.238	0.24	2.2	5.5	9.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	96	16.3	22.609	155.	8.3	453.207	21.289	11.07	12.8	23.	34.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	163	0.6	0.622	0.9	0.4	0.009	0.096	0.5	0.6	0.7	0.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	163	374.	378.791	492.	272.	2172.598	46.611	320.8	349.	401.	433.
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	163	7.1	7.176	12.	4.6	1.39	1.179	6.	6.4	7.9	8.5
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	85	1.9	2.098	8.6	0.5	2.345	1.531	0.5	0.95	2.7	3.62
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	163	7.7	7.683	8.9	6.6	0.088	0.297	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	163	7.7	7.58	8.9	6.6	0.099	0.315	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	163	0.02	0.026	0.251	0.001	0.001	0.027	0.01	0.016	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	93	81.	78.548	91.	59.	63.663	7.979	64.4	74.	84.	86.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	163	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	95	25.	32.242	214.	2.	958.505	30.96	11.	18.	35.	51.
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	90	3.22	3.225	4.65	2.22	0.267	0.517	2.478	2.888	3.593	3.849
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	96	0.088	0.1	0.27	0.008	0.005	0.067	0.023	0.049	0.143	0.212
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	90	0.066	0.074	0.155	0.024	0.001	0.031	0.037	0.054	0.086	0.127
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	88	2.355	2.223	3.66	0.92	0.361	0.601	1.289	1.825	2.55	3.031
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	92	0.9	0.964	2.17	0.521	0.091	0.302	0.642	0.75	1.093	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	94	2.4	2.304	3.72	1.02	0.336	0.579	1.365	1.9	2.6	3.045
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	94	0.02	0.018	0.04	0.	0.	0.009	0.01	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	96	0.111	0.125	0.449	0.022	0.005	0.071	0.066	0.083	0.132	0.233
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	93	4.1	4.235	7.1	0.5	1.28	1.131	3.1	3.5	5.	5.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	16	1095.	2669.313	9500.	49.	9897662.229	3146.055	133.7	490.	4500.	8380.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	16	3.022	3.074	3.978	1.69	0.414	0.643	2.068	2.69	3.647	3.922
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1185.069								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	95	15.7	21.862	105.91	4.49	345.139	18.578	7.28	8.97	26.91	44.86
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	95	6.3	7.109	30.75	0.	37.655	6.136	1.098	3.36	8.67	14.4

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	112	6.8	7.304	13.6	1.	11.399	3.376	2.9	5.	9.8	12.47
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	112	8.	9.737	23.	2.	33.185	5.761	4.	6.	14.	17.5
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	112	60.	56.607	100.	0.	1396.042	37.364	5.	20.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	112	5.5	6.924	27.	0.	42.95	6.554	0.6	0.6	9.4	14.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	66	27.	37.985	168.	12.3	989.372	31.454	15.04	20.	40.25	94.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	112	0.6	0.517	0.8	0.1	0.027	0.165	0.3	0.4	0.6	0.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	112	276.	318.759	560.	191.	10794.437	103.896	211.2	233.25	389.75	472.8
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	112	11.6	11.535	13.6	8.7	2.408	1.552	9.1	10.7	13.1	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	56	1.35	1.87	7.2	0.5	2.453	1.566	0.5	0.525	2.475	3.63
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	112	7.9	7.927	8.5	7.6	0.039	0.196	7.7	7.8	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	112	7.9	7.887	8.5	7.6	0.04	0.2	7.7	7.8	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	112	0.013	0.013	0.025	0.003	0.	0.005	0.006	0.01	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	66	71.	73.288	109.	47.	419.747	20.488	49.	53.	90.25	101.9
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	112	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	66	24.5	37.833	200.	2.	1410.356	37.555	11.	18.75	40.25	92.9
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	66	3.125	3.12	5.15	1.75	0.597	0.773	2.278	2.415	3.6	4.095
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	65	0.153	0.208	0.6	0.024	0.023	0.15	0.065	0.103	0.265	0.44
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	66	0.017	0.026	0.113	0.002	0.001	0.023	0.009	0.012	0.036	0.059
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	66	2.28	2.385	4.14	1.49	0.373	0.611	1.73	1.98	2.865	3.062
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	66	0.652	0.707	1.8	0.25	0.087	0.295	0.4	0.496	0.899	1.13
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	66	2.3	2.412	4.2	1.5	0.389	0.623	1.74	2.	2.9	3.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	66	0.02	0.026	0.1	0.	0.	0.017	0.01	0.02	0.03	0.04

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	62	0.073	0.095	0.357	0.036	0.004	0.065	0.045	0.055	0.104	0.183
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	65	3.3	3.822	9.5	1.7	2.483	1.576	2.1	2.7	5.05	5.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	19	1100.	2784.158	13000.	79.	15225715.14	3902.014	170.	700.	4300.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	19	3.041	3.1	4.114	1.898	0.339	0.582	2.23	2.845	3.633	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1257.723								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	58	2.99	5.708	44.11	0.5	55.517	7.451	1.063	1.68	7.23	13.46
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	58	1.615	2.864	26.12	0.	16.596	4.074	0.	0.48	3.753	6.747

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/85-12/12/94	120	20.2	20.128	29.2	10.9	29.564	5.437	12.6	15.025	24.775	27.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/06/86-12/12/94	120	24.	21.479	30.5	9.	41.094	6.41	12.5	14.	26.	29.
00032	CLOUD COVER (PERCENT)	01/06/86-12/12/94	120	30.	42.083	100.	0.	1338.901	36.591	0.	10.	70.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/06/86-12/12/94	120	5.5	5.653	20.9	0.	24.125	4.912	0.	2.2	9.4	9.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/86-12/12/94	69	20.	21.867	61.	8.4	111.063	10.539	11.7	13.8	23.5	42.
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/07/85-12/12/94	120	0.6	0.61	0.9	0.3	0.026	0.16	0.4	0.5	0.7	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/85-12/12/94	120	288.	289.208	370.	199.	2295.528	47.912	214.	257.25	333.	357.
00300	OXYGEN, DISSOLVED MG/L	03/07/85-12/12/94	120	7.95	7.927	13.5	3.4	5.09	2.256	4.7	6.425	9.4	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/85-12/12/94	54	1.25	1.648	5.7	0.5	1.526	1.235	0.5	0.5	2.2	3.8
00400	PH (STANDARD UNITS)	03/07/85-12/12/94	120	7.7	7.753	8.8	7.3	0.092	0.304	7.4	7.6	7.875	8.1
00400	CONVERTED PH (STANDARD UNITS)	03/07/85-12/12/94	120	7.7	7.673	8.8	7.3	0.099	0.314	7.4	7.6	7.875	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/85-12/12/94	120	0.02	0.021	0.05	0.002	0.	0.011	0.008	0.013	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/85-12/12/94	69	72.	73.812	100.	45.	193.42	13.908	56.	64.5	85.5	92.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/12/94	120	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/86-12/12/94	69	23.	24.71	75.	2.	215.179	14.669	9.	14.5	30.	45.
00600	NITROGEN, TOTAL (MG/L AS N)	03/07/85-12/12/94	66	2.575	2.614	3.4	1.78	0.186	0.431	2.017	2.28	3.	3.206
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/85-12/12/94	66	0.142	0.171	0.567	0.021	0.012	0.11	0.079	0.096	0.223	0.296
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	69	0.03	0.06	0.37	0.01	0.005	0.074	0.019	0.024	0.077	0.125
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/06/86-12/12/94	69	1.88	1.885	2.58	1.31	0.109	0.33	1.48	1.585	2.12	2.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/85-12/12/94	66	0.65	0.673	1.683	0.2	0.088	0.297	0.295	0.5	0.8	1.004
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/06/86-12/12/94	69	1.9	1.944	2.6	1.4	0.103	0.322	1.56	1.635	2.2	2.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/85-12/12/94	69	0.02	0.024	0.06	0.01	0.	0.011	0.01	0.02	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/85-12/12/94	64	0.08	0.089	0.306	0.027	0.002	0.047	0.046	0.062	0.1	0.144
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/06/86-12/12/94	68	3.65	3.506	6.7	1.3	1.017	1.008	2.19	2.7	4.	4.71
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/85-12/12/94	12	1700.	1638.333	4900.	220.	2247269.697	1499.09	223.	230.	2650.	4420.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/85-12/12/94	12	3.23	2.974	3.69	2.342	0.281	0.53	2.348	2.362	3.421	3.639
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			941.553								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	66	5.355	8.114	39.62	0.75	67.215	8.198	1.915	3.428	9.345	16.922
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/06/86-12/12/94	66	1.94	3.181	14.63	0.	13.445	3.667	0.	0.338	5.393	8.736

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

Station Inventory for Station: GWMP0029

NPS Station ID: GWMP0029
LAT/LON: 38.708059/ -77.051115
Agency: 1113PESE
Date Created: / /
Location: POTO.R. PISCATAWAY BTW FL77&SHER
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 016 /016 /7A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010017
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0029

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

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

Station Inventory for Station: GWMP0030

NPS Station ID: GWMP0030
LAT/LON: 38.708338/ -77.043615
Agency: 21MDEXP
Date Created: 06/27/81
Location: PISCATAWAY CREEK-STATION 7
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078640223307
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02070010057101.13
RF3 Mile Point: 3.75
Distance from RF3: 0.47
On/Off RF3:
Description:
PISCATAWAY CREEK-STATION 7

Parameter Inventory for Station: GWMP0030

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

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

Station Inventory for Station: GWMP0031

NPS Station ID: GWMP0031
Location: PISCATAWAY CREEK-STATION 7
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010000701.71
Description:
PISCATAWAY CREEK-STATION 7

LAT/LON: 38.708338/ -77.043615
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.39

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078730824307
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.30
Distance from RF3: 0.34

Date Created: 06/27/81
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0031

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

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

Station Inventory for Station: GWMP0032

NPS Station ID: GWMP0032
LAT/LON: 38.708338/ -77.049171
Agency: 21MD30WQ
Date Created: / /
Location: FL BUOY 22 NEAR SHERIDAN POINT
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-095.5 /PG-6 /MD-5
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0095.50
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010017
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.13
On/Off RF3:
Description:
SAMPLED BY MARYLAND DEPARTMENT OF WATER RESOURCES AT FL BUOY 22 IN CHANN EL OFF MOUTH OF PISCATAWAY CREEK NEAR SHERIDAN POINT

Parameter Inventory for Station: GWMP0032

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

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

Station Inventory for Station: GWMP0033

NPS Station ID: GWMP0033 LAT/LON: 38.712005/ -77.038892 Agency: 21MDEXP Date Created: 10/11/80
Location: MID-CHANNEL BETWEEN N "76" AND FL "77" FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB2877
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010018 RF1 Mile Point: 3.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010001005.48 RF3 Mile Point: 9.32 Distance from RF3: 0.20 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
MID-CHANNEL BETWEEN N "76" AND FL "77"

Parameter Inventory for Station: GWMP0033

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

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

Station Inventory for Station: GWMP0034

NPS Station ID: GWMP0034
LAT/LON: 38.712226/ -77.037227
Agency: 1113UPBA
Date Created: / /
Location: PO.R. FORT WASHINGTON OFF BANK
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 015 /015 /12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 2.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.59
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-01/31/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	2	13650.	13650.	24000.	3300.	214245000.	14637.11	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	2	3.949	3.949	4.38	3.519	0.371	0.609	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8899.438								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	2	2800.	2800.	3300.	2300.	500000.	707.107	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	2	3.44	3.44	3.519	3.362	0.012	0.111	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2754.995								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	2 ##	300.	300.	500.	100.	80000.	282.843	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	2 ##	2.349	2.349	2.699	2.	0.244	0.494	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			223.607								

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

EPA Water Quality Criteria Analysis for Station: GWMP0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00				2	2	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00				2	2	1.00						

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

Station Inventory for Station: GWMP0035

NPS Station ID: GWMP0035
LAT/LON: 38.712226/ -77.039449
Agency: 1113PIWQ
Date Created: / /
Location: PSCATAWY C. MONITOR BUOY POTOMAC
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 013 /013 /P-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 3.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/68-08/16/68	4	26.25	26.375	27.	26.	0.229	0.479	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/11/68-08/16/68	4	14.5	16.5	23.	14.	19.	4.359	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/68-08/16/68	4	4.55	4.4	5.4	3.1	0.993	0.997	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/11/68-08/16/68	4	9.25	9.425	10.6	8.6	0.709	0.842	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/68-08/16/68	3	1.728	1.795	2.024	1.633	0.042	0.204	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/68-08/16/68	4	1.3	1.245	1.39	0.99	0.033	0.182	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	2265.	2265.	4300.	230.	8282450.	2877.925	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/11/68-08/14/68	2	2.998	2.998	3.633	2.362	0.809	0.899	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			994.485								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	511.5	511.5	930.	93.	350284.5	591.848	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/11/68-08/14/68	2	2.468	2.468	2.968	1.968	0.5	0.707	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			294.092								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/11/68-08/16/68	4	156.375	173.625	303.	78.75	10017.938	100.09	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/11/68-08/16/68	4	1.055	1.048	1.2	0.88	0.021	0.145	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	4	1	0.25									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: GWMP0036

NPS Station ID: GWMP0036 LAT/LON: 38.712781/ -77.074726 Agency: 21VASWCB Date Created: / /
Location: GEORGE WASHINGTON PARKWAY BRIDGE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ALIF000.19 /VA1A06-X0061/VA1A3X0061
RMI-Indexes: 0214001 002410 Within Park Boundary: Yes
RMI-Miles: 0099.56 0000.19
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010012 RF1 Mile Point: 13.210 Distance from RF1: 4.90 On/Off RF1: OFF
RF3 Index: 02070010057103.22 RF3 Mile Point: 3.57 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: LITTLE HUNTING CR SECTION: 06 TOPO MAP #: 0039 TOPO MAP NAME: MOUNT VERNON, VA-MD

Parameter Inventory for Station: GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	244	16.	15.792	33.5	0.5	80.293	8.961	3.5	7.55	24.	26.8
00023	SAMPLE WEIGHT IN POUNDS	08/01/79-06/28/90	23	0.24	0.714	4.13	0.07	1.243	1.115	0.088	0.1	0.59	2.928
00024	SAMPLE LENGTH IN INCHES	08/01/79-06/28/90	23	6.86	8.302	18.6	4.41	13.248	3.64	5.1	5.56	10.5	14.15
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/08/88-08/08/88	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	108	18.1	21.841	110.	1.5	330.049	18.167	4.82	9.1	29.	42.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	22	24.05	23.914	38.	13.	48.936	6.995	13.83	18.1	29.125	33.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/18/95	23	0.65	2.714	18.	0.1	24.83	4.983	0.294	0.5	2.	12.8
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	24	47.5	56.333	171.	5.	1265.536	35.574	27.5	34.	68.5	113.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	165	306.	328.291	852.	95.	11432.927	106.925	218.8	259.5	376.5	446.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	75	297.	302.96	751.	147.	8455.39	91.953	212.8	253.	332.	382.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	53	9.8	9.732	16.1	5.9	4.646	2.155	6.64	7.95	10.8	12.62
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	185	9.	8.993	15.5	2.8	5.912	2.432	6.1	7.2	10.8	12.14
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	229	4.	4.569	14.	1.	6.461	2.542	2.	3.	6.	8.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	184	16.	17.03	38.	0.5	49.768	7.055	9.	12.	22.	27.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	233	7.4	7.437	9.8	2.3	0.652	0.807	6.6	7.	7.74	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	233	7.4	4.666	9.8	2.3	8.363	2.892	6.6	7.	7.74	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	233	0.04	21.601	5011.872	0.	107802.367	328.333	0.002	0.018	0.1	0.251
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	151	7.3	7.33	8.7	6.4	0.215	0.464	6.8	7.	7.6	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	151	7.3	7.124	8.7	6.4	0.258	0.508	6.8	7.	7.6	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	151	0.05	0.075	0.398	0.002	0.005	0.074	0.01	0.025	0.1	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	151	61.	61.316	149.	0.7	386.833	19.668	40.2	49.	74.	83.
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	98	215.	219.745	624.	138.	3534.831	59.454	169.9	188.75	229.	263.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	97	52.	62.402	800.	20.	5984.451	77.359	36.	43.5	66.	78.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	98	157.5	165.265	542.	93.	2721.042	52.164	123.7	142.	177.75	202.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	230	25.	32.259	900.	2.	3681.205	60.673	7.	15.	38.	52.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	231	6.	6.645	25.	0.	17.319	4.162	2.	4.	9.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	231	18.	21.853	106.	0.	276.593	16.631	3.2	10.	30.	42.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	228	0.755	1.538	14.5	0.02	5.506	2.347	0.02	0.2	1.8	3.51
00614	NITRITE NITROGEN, TOTAL, 30 DAY, (MG/L AS N)	03/10/92-03/10/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	229	0.04	0.07	1.	0.005	0.01	0.102	0.02	0.03	0.07	0.14
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	202	1.305	1.363	3.06	0.07	0.305	0.553	0.72	0.985	1.663	2.141
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	229	1.4	2.384	21.	0.5	7.376	2.716	0.7	0.9	2.7	4.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	26	1.25	1.273	2.5	0.6	0.284	0.533	0.67	0.8	1.525	2.36

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

Parameter Inventory for Station: GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	180	0.1	0.115	1.1	0.03	0.008	0.091	0.05	0.068	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	141	0.04	0.052	0.36	0.005	0.002	0.039	0.02	0.03	0.07	0.09
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	227	6.8	9.265	430.	0.5	799.734	28.28	3.9	5.	9.	12.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	98	112.	109.73	190.	37.5	569.351	23.861	78.	93.75	124.25	138.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	1	4640.	4640.	4640.	4640.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	147	27.	34.694	125.	6.	508.378	22.547	12.8	19.	45.	62.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	77	33.	33.805	65.	15.	89.264	9.448	23.	28.	37.5	44.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	47	0.2	0.219	0.91	0.025	0.023	0.153	0.05	0.15	0.25	0.328
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	90	5.35	5.181	13.4	0.005	8.974	2.996	1.11	2.7	7.225	9.09
01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	15	## 1.5	2.5	5.	0.5	3.286	1.813	0.8	1.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-07/26/95	5	2.9	4.3	9.	2.	8.74	2.956	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/06/87-06/28/90	6	## 0.095	0.097	0.2	0.025	0.003	0.058	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	## 3.75	3.75	5.	2.5	2.083	1.443	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-07/26/95	2	## 0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	16	## 5.	4.688	10.	0.5	5.163	2.272	1.2	3.125	5.	8.6
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	5	## 0.11	0.186	0.5	0.07	0.032	0.178	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	5	14.5	19.76	44.	7.5	199.913	14.139	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	15	## 5.	6.733	25.	0.5	44.317	6.657	0.5	5.	5.	22.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	17	## 5.	11.765	50.	5.	231.066	15.201	5.	5.	7.5	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-07/26/95	5	17.6	18.38	41.	3.6	194.862	13.959	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	8	680.	1092.5	4200.	300.	1650935.714	1284.887	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	17	5.	7.412	24.	1.	41.507	6.443	1.	3.5	13.	18.4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-07/26/95	5	28.6	35.24	63.6	13.9	397.363	19.934	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	9	120.	134.211	240.	70.	3675.351	60.625	70.	75.	190.	240.
01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	## 5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	8	## 50.	44.375	50.	5.	253.125	15.91	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	8	## 7.5	14.375	50.	5.	253.125	15.91	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	5	13.6	17.32	39.	5.9	163.567	12.789	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	08/06/87-06/28/90	6	## 0.625	0.642	1.05	0.25	0.184	0.429	**	**	**	**
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	06/28/90-06/28/90	3	## 1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	15	20.	21.8	70.	5.	291.457	17.072	5.	5.	30.	52.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-07/26/95	5	90.2	89.32	167.	21.8	2811.632	53.025	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	5	## 5.	5.5	10.	2.5	7.5	2.739	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-07/26/95	2	## 1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/28/90-06/28/90	3	0.33	0.35	0.41	0.31	0.003	0.053	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	9	430.	8291.111	46000.	200.	259723361.111	16115.935	200.	430.	12750.	46000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/07/75-08/17/77	9	2.633	3.126	4.663	2.301	0.699	0.836	2.301	2.633	3.778	4.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1336.303								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	31	4600.	8921.677	24000.	43.	95020474.626	9747.845	75.	430.	24000.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	31	3.663	3.383	4.38	1.633	0.909	0.954	1.875	2.633	4.38	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2415.473								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	194	50.	381.907	8000.	1.5	1085762.227	1041.999	43.	50.	200.	865.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	194	1.699	1.967	3.903	0.176	0.384	0.62	1.633	1.699	2.301	2.936
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.649								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/82-09/26/94	62	36.	85.941	515.69	2.06	16127.283	126.993	7.008	11.043	90.515	297.303
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	61	23.23	55.286	343.81	1.	6825.897	82.619	2.746	6.94	57.27	193.794
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	61	11.29	49.182	277.55	0.085	6121.014	78.237	2.024	4.56	45.225	203.34
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/19/82-09/26/94	62	1.395	1.381	1.75	0.53	0.043	0.208	1.111	1.285	1.52	1.634
32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	6	0.6	0.567	0.7	0.4	0.011	0.103	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	08/06/87-06/28/90	5	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/06/87-06/28/90	5	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	06/28/90-06/28/90	3	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.09	0.17	0.05	0.005	0.069	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-07/26/95	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/01/79-06/28/90	21 ##	0.25	0.332	1.6	0.005	0.134	0.366	0.005	0.005	0.5	0.5
34685	ENDRIN WET WGTTISMG/KG	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/01/79-06/28/90	20 ##	0.05	0.134	0.5	0.005	0.032	0.177	0.005	0.005	0.25	0.5
34689	PCB - 1242 WET WGTTISMG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.5	0.6	1.1	0.5	0.06	0.245	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	08/06/87-06/28/90	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38744	CHLORPYRIFOS-METHYL TISWETWGTMG/KG	06/28/90-06/28/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	6	0.	0.017	0.05	0.	0.001	0.026	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/01/79-07/12/84	15 ##	0.1	0.175	0.5	0.005	0.038	0.194	0.005	0.005	0.25	0.5
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-07/26/95	3 ##	10.	11.668	25.	0.005	158.275	12.581	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/01/79-06/28/90	20 ##	0.05	0.134	0.5	0.005	0.032	0.177	0.005	0.005	0.25	0.5
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39113	DIBUTYL PHTHALATES IN FISH,ANIMAL WET WGT UG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39309	O P DDT IN AQUATIC ORGANISMS WET WEIGHT BASIS(UG/G	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5

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

Parameter Inventory for Station: GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	7	0.	0.022	0.1	0.	0.002	0.039	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-07/26/95	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-07/26/95	3 ##	500.	500.167	1000.	0.5	249750.083	499.75	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	3 ##	50.	50.017	100.	0.05	2497.501	49.975	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/12/84-07/12/84	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	3 ##	50.	50.017	100.	0.05	2497.501	49.975	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.013	0.05	0.	0.	0.021	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	3 ##	500.	500.167	1000.	0.5	249750.083	499.75	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	08/01/79-06/28/90	21 ##	0.25	0.287	1.1	0.005	0.084	0.289	0.005	0.005	0.5	0.5
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-07/26/95	3 ##	500.	500.167	1000.	0.5	249750.083	499.75	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	08/01/79-07/12/84	15 ##	0.05	0.162	0.5	0.005	0.039	0.198	0.005	0.005	0.25	0.5
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/01/79-06/28/90	20 ##	0.05	0.134	0.5	0.005	0.032	0.177	0.005	0.005	0.25	0.5
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/28/90-06/28/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	1	68.	68.	68.	68.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	81	0.	0.096	1.	0.	0.032	0.178	0.	0.	0.1	0.3
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	48	0.1	0.13	1.3	0.05	0.035	0.186	0.05	0.05	0.1	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	88	0.03	0.059	0.8	0.005	0.01	0.1	0.005	0.02	0.07	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	15 ##	0.15	0.213	0.5	0.15	0.009	0.093	0.15	0.15	0.25	0.35
71918	ARSENIC,TOTAL IN FISH,DRY WEIGHT BASIS	08/01/79-07/12/84	15 ##	1.25	3.025	10.1	0.08	10.148	3.186	0.092	0.9	4.4	8.66
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-07/26/95	5	0.08	0.102	0.2	0.05	0.003	0.058	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-06/28/90	21	0.055	0.068	0.2	0.01	0.002	0.043	0.02	0.048	0.08	0.13
71934	LEAD TOTAL IN FISH DRY WEIGHT BASIS	08/01/79-07/12/84	15	2.65	4.393	14.3	0.45	18.789	4.335	0.51	1.	7.4	12.74
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	12 ##	1.05	1.4	3.	0.5	0.818	0.904	0.5	0.5	2.075	2.91
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	12	1.565	1.851	3.8	0.7	0.992	0.996	0.718	1.075	2.55	3.68
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/06/87-06/28/90	6	14.15	32.5	80.	7.8	1086.92	32.968	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/07/83-06/28/90	12	0.35	0.386	0.8	0.1	0.043	0.208	0.13	0.25	0.485	0.776
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/07/83-06/28/90	12 ##	0.1	0.113	0.25	0.025	0.008	0.087	0.027	0.05	0.213	0.25
71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	15 ##	0.11	0.14	0.48	0.045	0.013	0.116	0.048	0.05	0.19	0.351
71942	COPPER,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	15	7.4	11.012	34.8	2.79	85.352	9.239	2.88	4.	16.7	28.26
71943	CHROMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/01/79-07/12/84	15	1.63	1.767	3.7	1.1	0.363	0.602	1.112	1.56	1.74	2.764
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/28/90-07/26/95	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	06/28/90-06/28/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/28/90-07/26/95	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/01/79-06/28/90	23	5.	5.957	13.	4.	6.043	2.458	5.	5.	5.	11.4
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/01/79-06/28/90	21 ##	0.05	0.13	0.5	0.005	0.03	0.174	0.005	0.005	0.25	0.5
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/28/90-06/28/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	08/06/87-06/28/90	6 ##	0.625	0.642	1.05	0.25	0.184	0.429	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/06/87-06/28/90	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/06/87-06/28/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	1	19660.	19660.	19660.	19660.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	24	21.5	36.571	252.	2.2	2666.692	51.64	6.4	14.925	31.	95.

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

EPA Water Quality Criteria Analysis for Station: GWMP0036

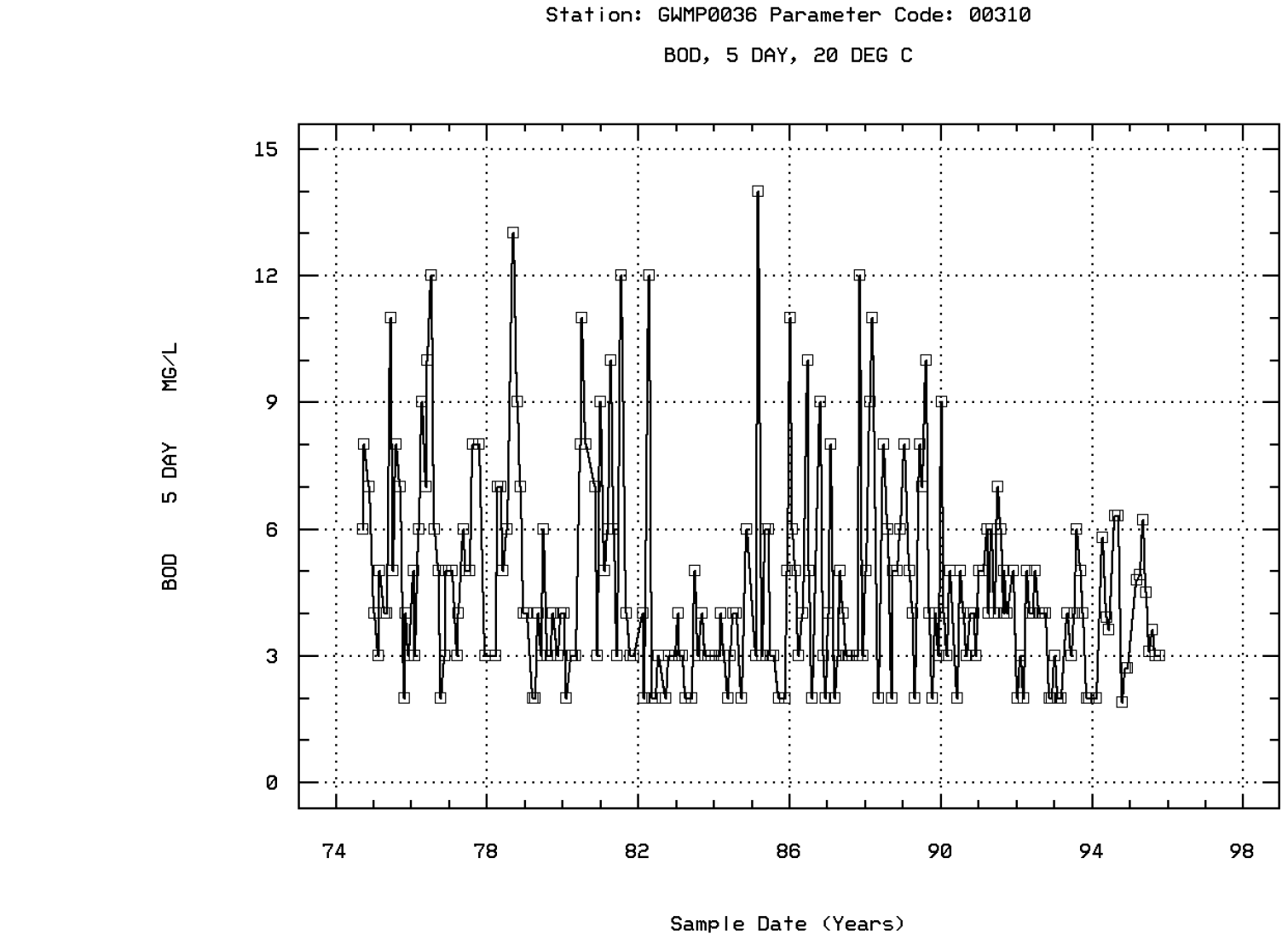
				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	108	7	0.06	37	0	0.00	45	6	0.13	26	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	22	0	0.00	11	0	0.00	5	0	0.00	6	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	53	0	0.00	20	0	0.00	19	0	0.00	14	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	185	5	0.03	65	5	0.08	73	0	0.00	47	0	0.00			
00400	PH	Other-Hi Lim.	9.	233	16	0.07	84	8	0.10	90	2	0.02	59	6	0.10			
		Other-Lo Lim.	6.5	233	20	0.09	84	6	0.07	90	12	0.13	59	2	0.03			
00403	PH, LAB	Other-Hi Lim.	9.	151	0	0.00	54	0	0.00	58	0	0.00	39	0	0.00			
		Other-Lo Lim.	6.5	151	4	0.03	54	1	0.02	58	2	0.03	39	1	0.03			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	229	1	0.00	79	0	0.00	89	0	0.00	61	1	0.02			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	202	0	0.00	69	0	0.00	80	0	0.00	53	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	9	0	0.00	9	0	0.00	8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	147	0	0.00	53	0	0.00	56	0	0.00	38	0	0.00			
		Drinking Water	250.	147	0	0.00	53	0	0.00	56	0	0.00	38	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	77	0	0.00	28	0	0.00	30	0	0.00	19	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	47	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	2 &	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6 &	2	0.33	5	2	0.40				1	0	0.00			
		Drinking Water	5.	6 &	2	0.33	5	2	0.40				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16 &	2	0.13	7	2	0.29	3	0	0.00	6	0	0.00			
		Drinking Water	1300.	17	0	0.00	8	0	0.00	3	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	8	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	15.	17	2	0.12	8	1	0.13	3	0	0.00	6	1	0.17			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	5000.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	4	0.44	3	2	0.67	2	0	0.00	4	2	0.50			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	31	21	0.68	10	9	0.90	12	6	0.50	9	6	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	194	49	0.25	64	21	0.33	78	15	0.19	52	13	0.25			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									

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

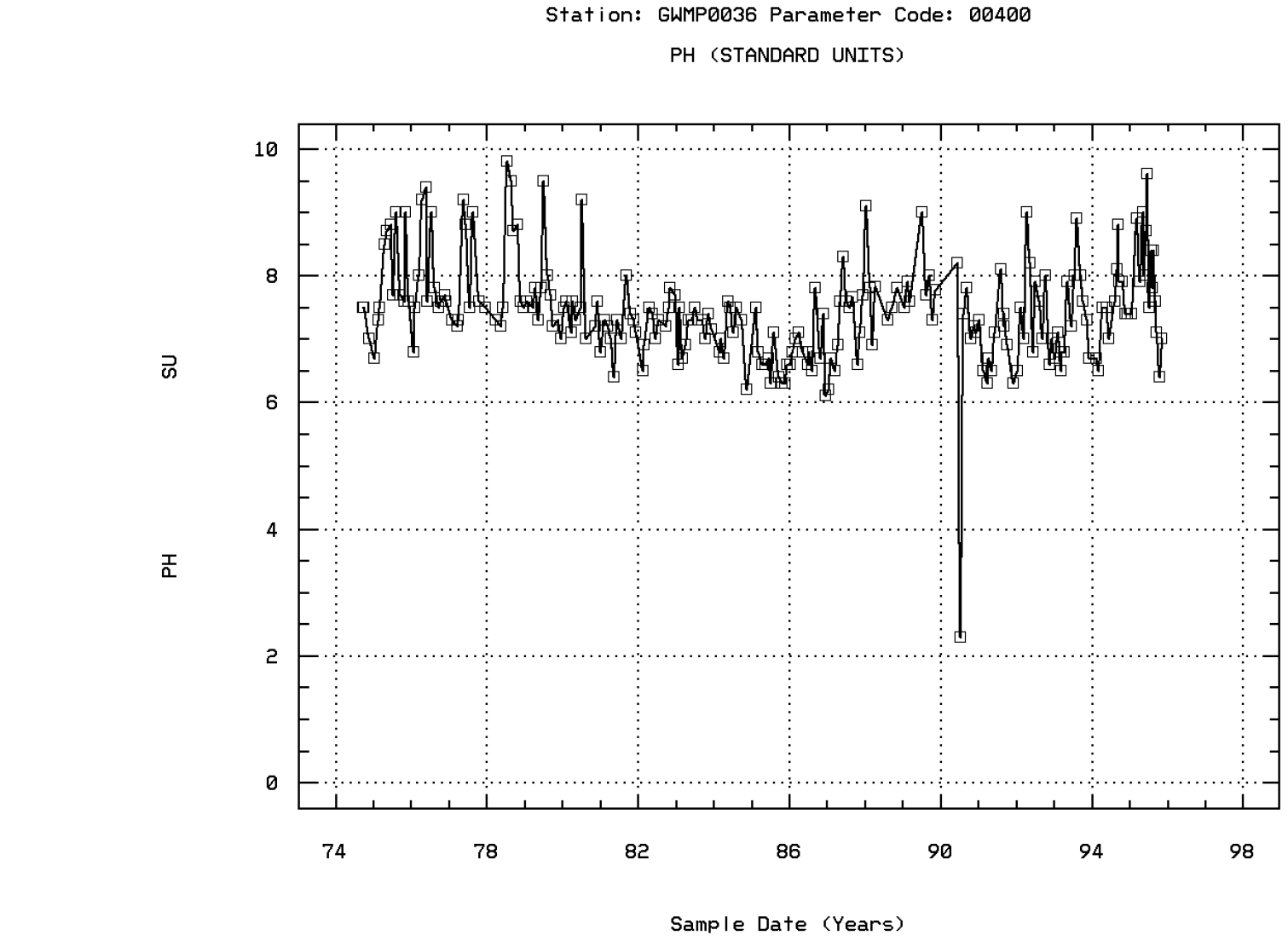
EPA Water Quality Criteria Analysis for Station: GWMP0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	5	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	5	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	2.	6	0	0.00	5	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	80 &	33	0.41	27	16	0.59	29	8	0.28	24	9	0.38			
71900	MERCURY, TOTAL	Fresh Acute	2.4	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	2.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	24	3	0.13	8	0	0.00	8	2	0.25	8	1	0.13			

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



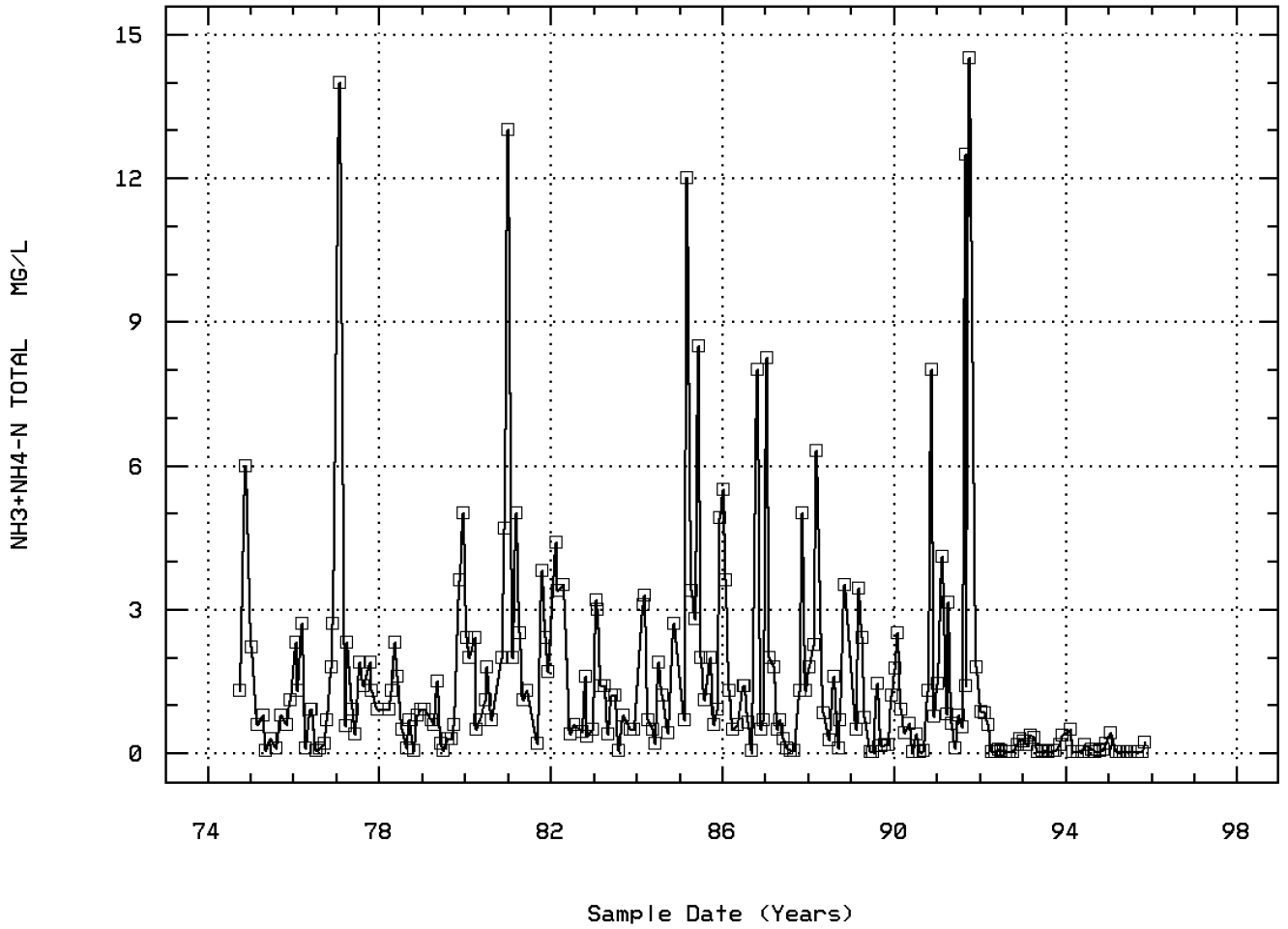
GEORGE WASHINGTON PARKWAY BRIDGE



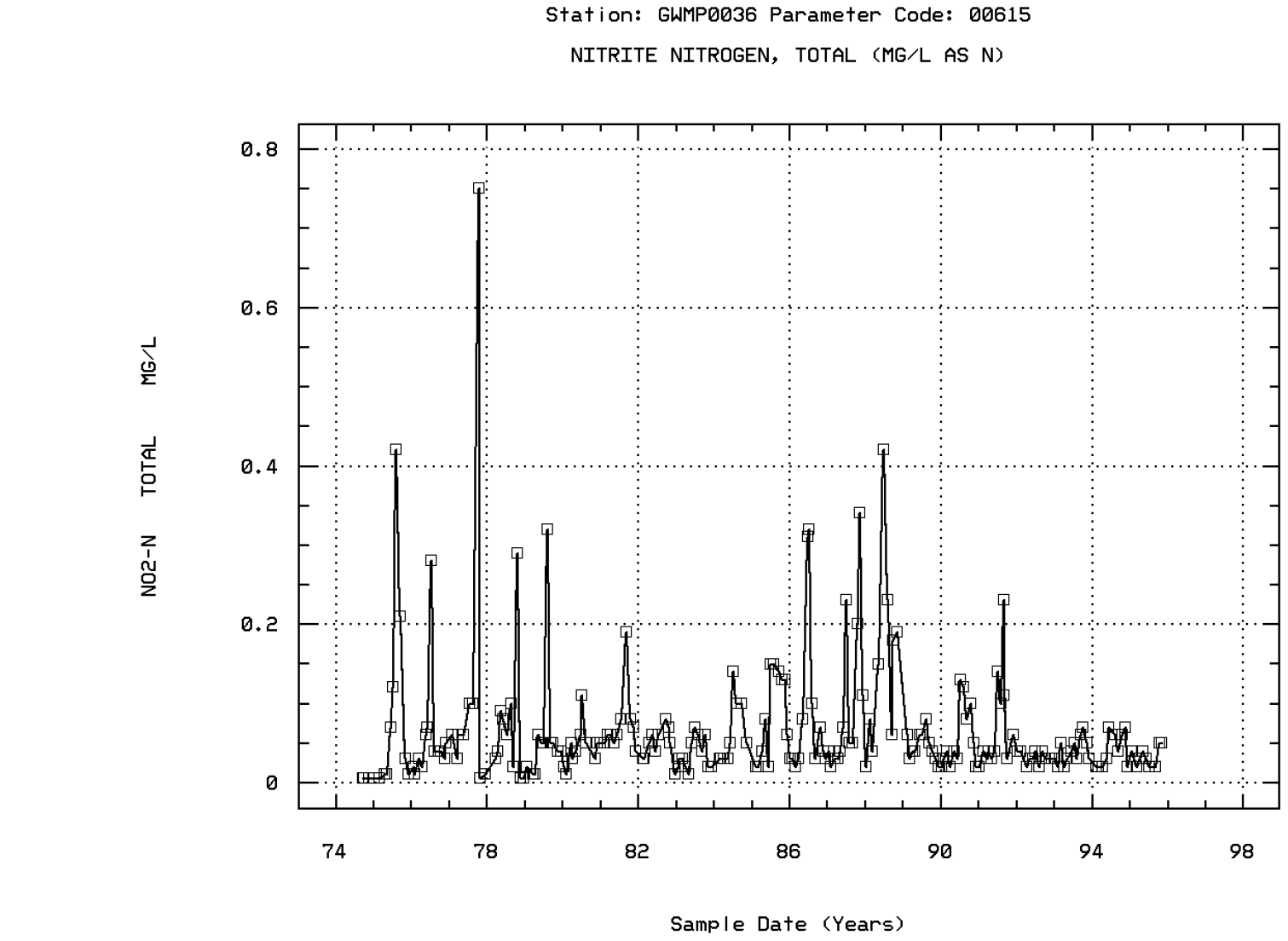
GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00610

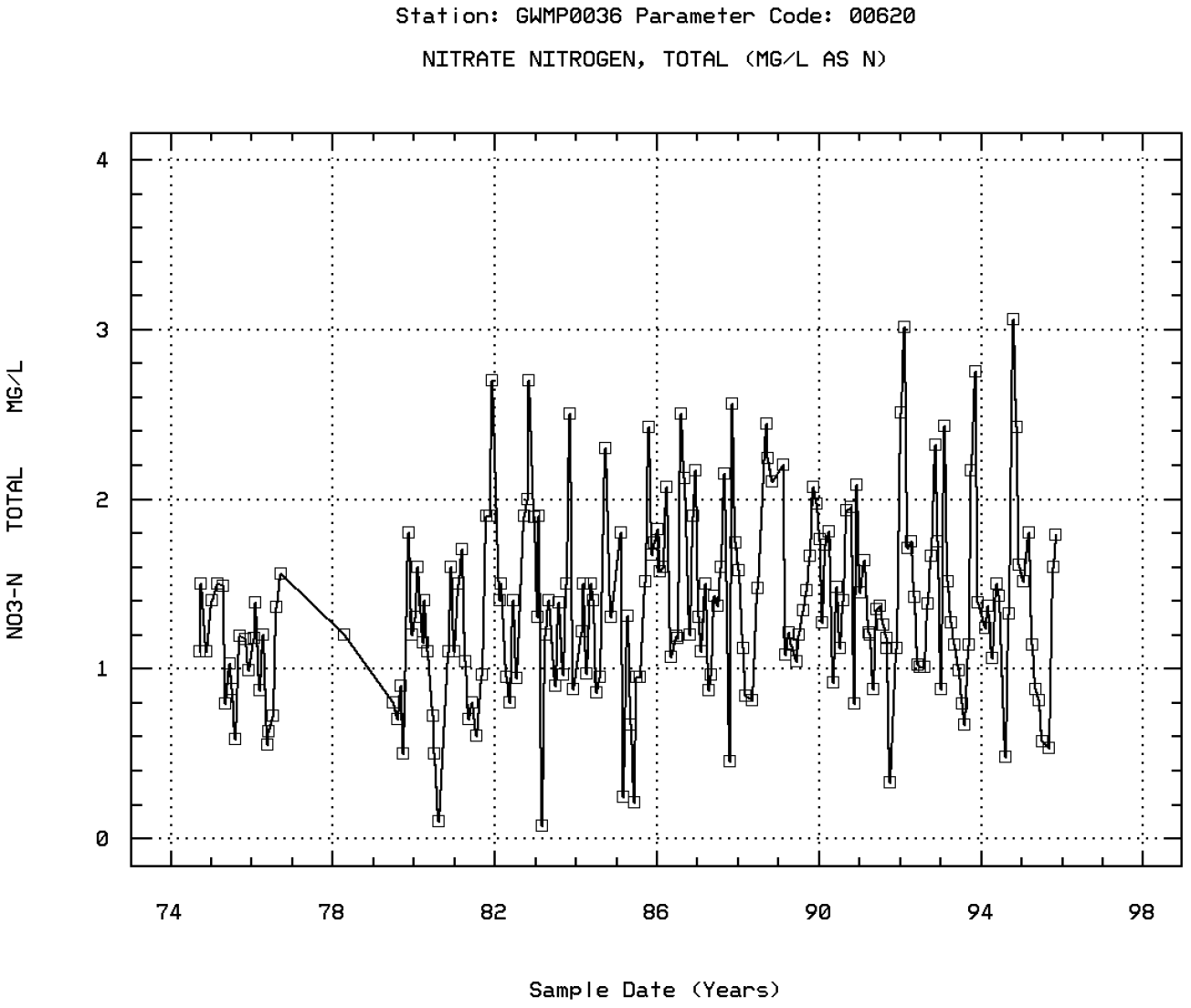
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



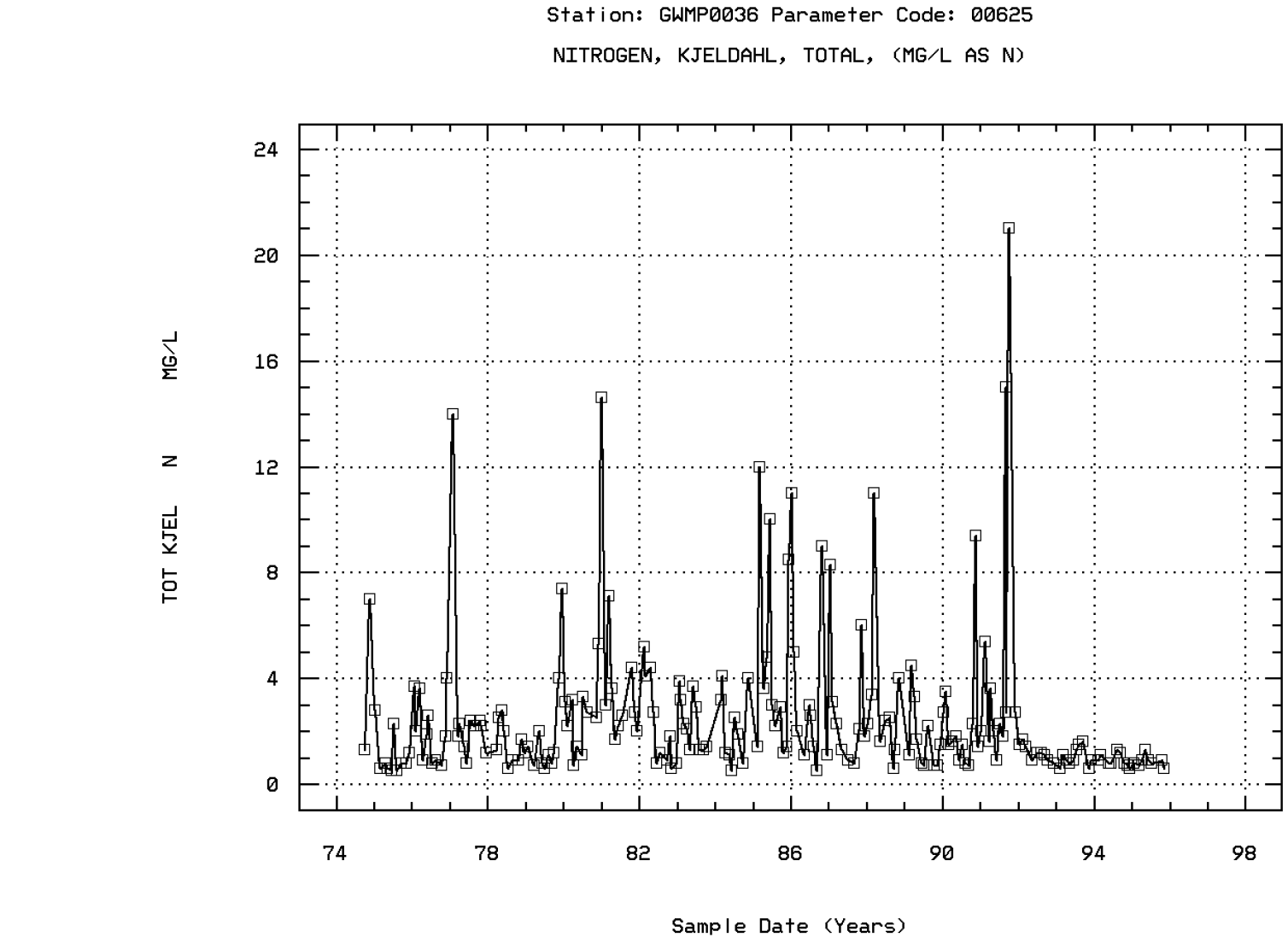
GEORGE WASHINGTON PARKWAY BRIDGE



GEORGE WASHINGTON PARKWAY BRIDGE



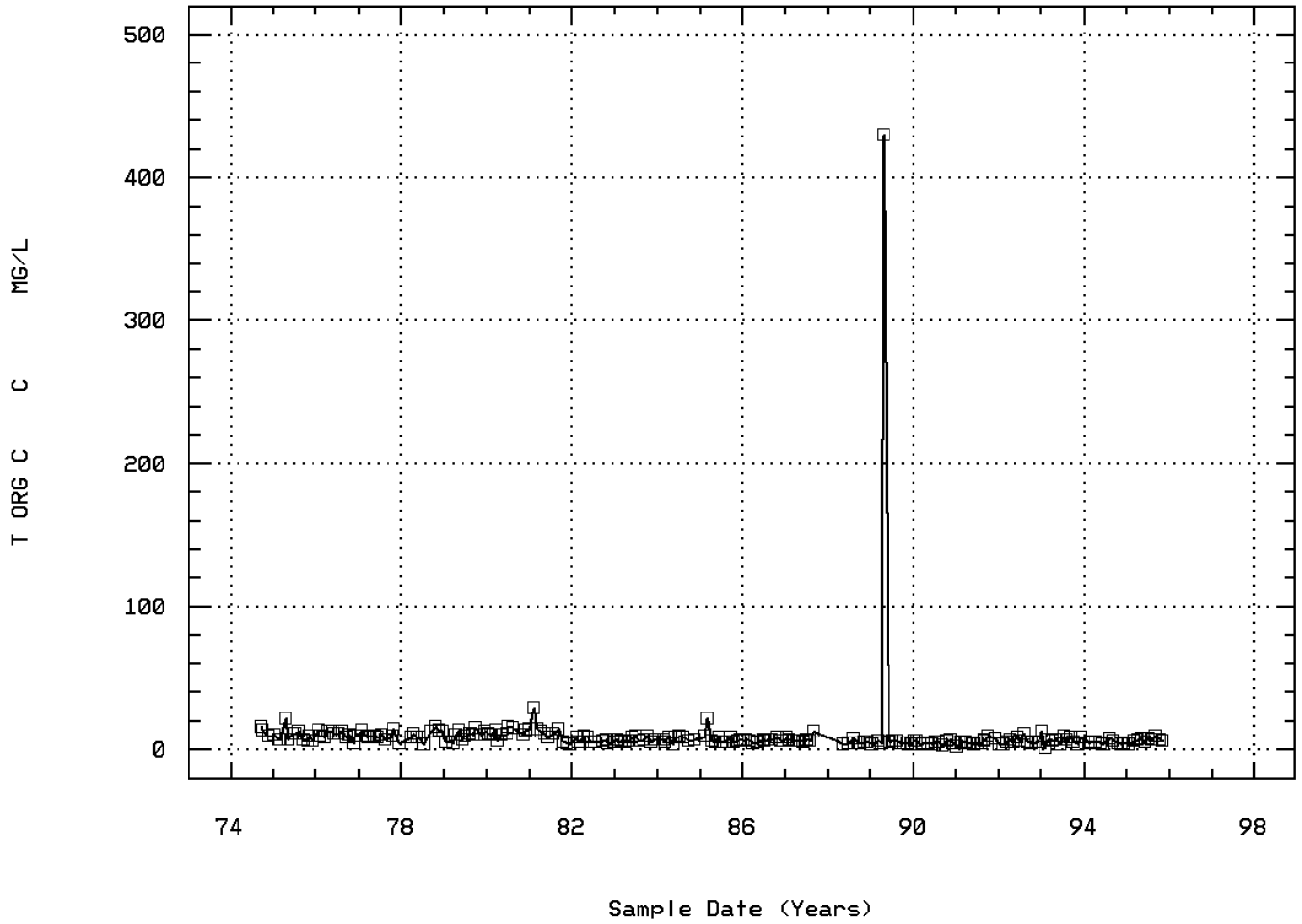
GEORGE WASHINGTON PARKWAY BRIDGE



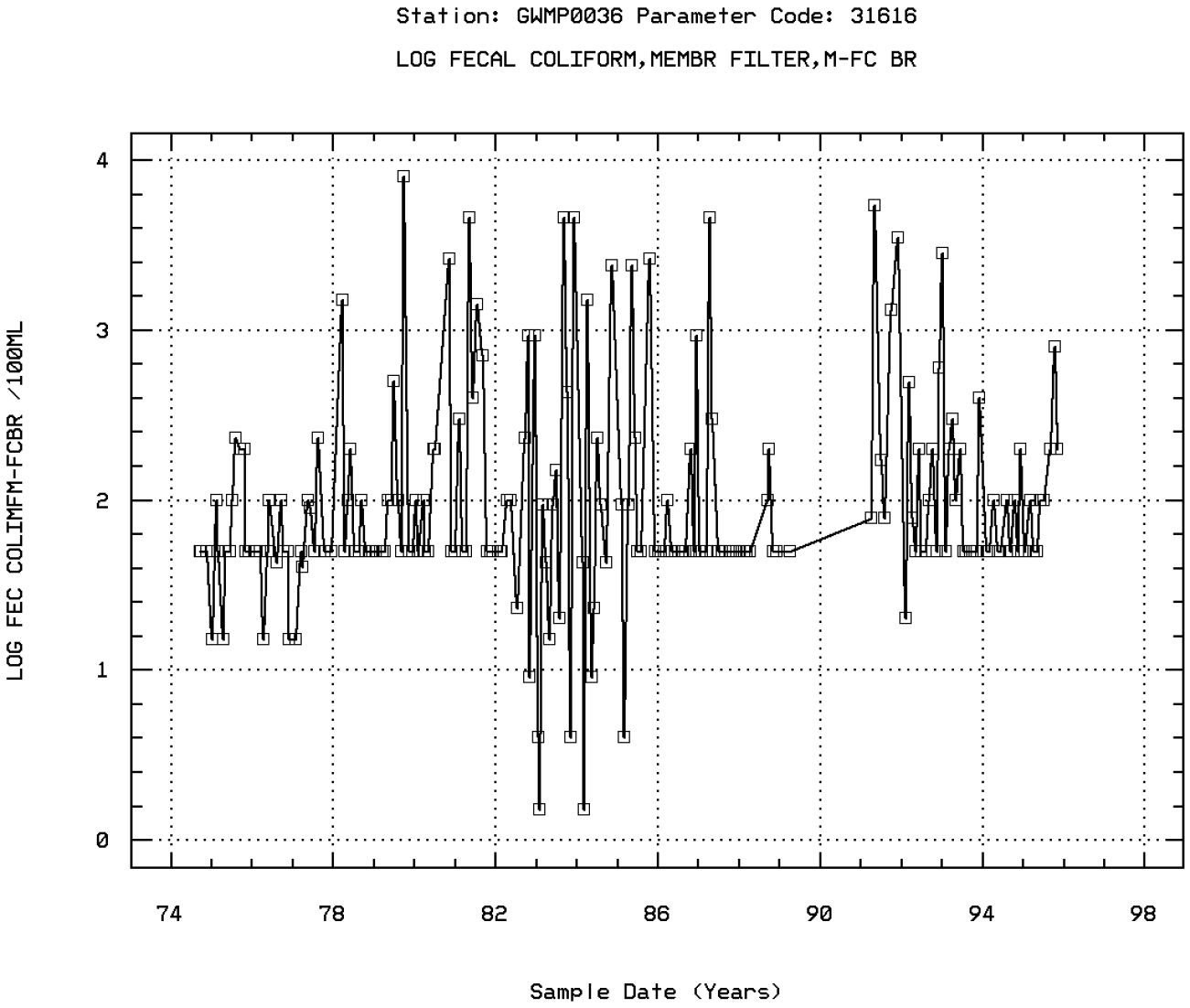
GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHINGTON PARKWAY BRIDGE



GEORGE WASHINGTON PARKWAY BRIDGE

Annual Analysis for 1974 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	3	18.3	16.833	25.	7.2	80.823	8.99	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	3	7.2	7.4	8.2	6.8	0.52	0.721	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	3	7.	7.	8.	6.	1.	1.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.5	7.333	7.5	7.	0.083	0.289	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.5	7.264	7.5	7.	0.09	0.301	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	3	0.032	0.054	0.1	0.032	0.002	0.039	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	2	3.65	3.65	6.	1.299	11.05	3.324	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3	1.099	1.233	1.5	1.099	0.054	0.232	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	2	4.15	4.15	7.	1.299	16.251	4.031	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	3	13.	12.667	16.	9.	12.333	3.512	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	3	0.5	0.467	0.8	0.1	0.123	0.351	**	**	**	**

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

Annual Analysis for 1975 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	15.3	15.975	27.2	3.9	74.869	8.653	4.56	7.35	25.575	27.05
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	12	11.	10.358	12.2	6.6	3.268	1.808	7.02	8.625	11.75	12.14
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	4.	5.	11.	2.	6.364	2.523	2.3	3.25	6.5	10.1
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.7	8.008	9.	6.7	0.574	0.757	6.88	7.525	8.775	9.
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.7	7.499	9.	6.7	0.856	0.925	6.88	7.525	8.775	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.02	0.032	0.2	0.001	0.003	0.055	0.001	0.002	0.03	0.155
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	3	198.	205.	221.	196.	193.	13.892	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	3	44.	46.	58.	36.	124.	11.136	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	3	160.	159.	177.	140.	343.	18.52	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	7	22.	22.571	42.	6.	111.619	10.565	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	7	10.	10.571	16.	4.	30.286	5.503	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	7	12.	12.	26.	2.	69.333	8.327	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	10	0.7	0.755	2.199	0.05	0.383	0.619	0.055	0.25	1.025	2.089
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.02	0.089	0.42	0.005	0.018	0.134	0.005	0.009	0.143	0.399
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.099	1.102	1.5	0.58	0.094	0.306	0.601	0.858	1.422	1.499
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	0.8	1.09	2.799	0.5	0.647	0.804	0.5	0.575	1.474	2.749
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	8.	9.5	21.	6.	17.545	4.189	6.	7.	11.	18.3
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	50.	92.5	230.	15.	5743.182	75.784	15.	50.	175.	221.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	1.699	1.818	2.362	1.176	0.157	0.396	1.176	1.699	2.226	2.344
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.7								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	10	0.1	0.11	0.2	0.05	0.003	0.052	0.05	0.088	0.125	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.055	0.065	0.1	0.01	0.001	0.031	0.013	0.048	0.1	0.1

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

Annual Analysis for 1976 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	14.75	14.35	27.8	2.2	87.259	9.341	2.53	4.175	23.475	26.78
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	11	10.8	10.736	15.5	6.1	10.167	3.189	6.2	6.8	13.4	15.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	5.5	6.083	12.	2.	8.992	2.999	2.3	3.5	8.5	11.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.65	7.975	9.4	6.8	0.631	0.794	7.01	7.525	8.75	9.34
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.647	7.541	9.4	6.8	0.836	0.914	7.01	7.525	8.75	9.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.023	0.029	0.158	0.	0.002	0.042	0.	0.003	0.03	0.12
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	30.	40.364	96.	12.	736.655	27.141	12.	16.	56.	92.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	10.	9.455	24.	0.	60.873	7.802	0.	4.	18.	22.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	28.	30.909	72.	8.	450.691	21.229	8.4	12.	38.	70.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	0.9	1.145	2.699	0.05	1.019	1.009	0.065	0.125	2.174	2.699
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.04	0.058	0.28	0.01	0.005	0.072	0.013	0.023	0.058	0.217
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	1.179	1.051	1.559	0.55	0.135	0.367	0.55	0.675	1.374	1.559
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.849	1.991	4.	0.7	1.491	1.221	0.73	0.9	3.349	3.91
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	10.5	9.917	13.	4.	6.265	2.503	5.2	8.25	12.	12.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	52.091	100.	15.	745.091	27.296	15.	43.	50.	100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	1.653	2.	1.176	0.071	0.266	1.176	1.633	1.699	2.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.945								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	12	0.1	0.133	0.4	0.05	0.009	0.096	0.05	0.1	0.175	0.34
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	12	0.05	0.055	0.14	0.005	0.002	0.041	0.007	0.015	0.08	0.125

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

Annual Analysis for 1977 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	13.	15.	29.	0.7	97.022	9.85	0.7	6.65	23.	29.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	9	9.	8.889	11.2	4.2	4.171	2.042	4.2	8.3	10.4	11.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	5.	5.222	8.	3.	3.444	1.856	3.	3.5	7.	8.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.5	7.933	9.2	7.2	0.665	0.815	7.2	7.3	8.9	9.2
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.5	7.548	9.2	7.2	0.832	0.912	7.2	7.3	8.9	9.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.032	0.028	0.063	0.001	0.001	0.024	0.001	0.001	0.05	0.063
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	24.	25.9	45.	8.	155.878	12.485	8.5	14.5	38.5	44.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	5.5	5.7	10.	1.	9.122	3.02	1.1	3.5	8.25	9.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	19.5	20.2	39.	0.	157.067	12.533	0.5	9.5	30.75	38.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	10	1.349	2.557	14.	0.4	16.543	4.067	0.417	0.818	1.999	12.83
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.06	0.218	1.	0.005	0.125	0.353	0.006	0.025	0.263	0.975
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	2.199	3.069	14.	0.8	15.06	3.881	0.84	1.349	2.399	12.84
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	9.	9.1	14.	4.	8.1	2.846	4.3	7.75	10.75	13.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	1 ##	37.5	37.5	37.5	37.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	75.	230.	15.	4025.	63.443	15.	45.	95.	230.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	1.766	2.362	1.176	0.105	0.324	1.176	1.651	1.977	2.362
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			58.285								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	9 ##	0.05	0.2	1.3	0.05	0.171	0.413	0.05	0.05	0.1	1.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10 ##	0.013	0.032	0.15	0.005	0.002	0.046	0.005	0.005	0.04	0.142

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Annual Analysis for 1978 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	19.75	17.93	31.5	4.	121.727	11.033	4.2	6.	28.5	31.35
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	10	9.65	9.81	13.	5.4	5.139	2.267	5.66	8.45	11.75	12.92
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	7.	6.778	13.	3.	8.694	2.949	3.	4.5	8.	13.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.6	8.15	9.8	7.2	0.927	0.963	7.21	7.45	8.975	9.77
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.6	7.637	9.8	7.2	1.22	1.104	7.21	7.45	8.975	9.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.025	0.023	0.063	0.	0.	0.022	0.	0.001	0.036	0.062
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	25.5	24.4	39.	6.	155.822	12.483	6.1	13.75	38.25	39.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	6.5	6.5	12.	2.	10.056	3.171	2.2	4.	8.5	11.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	17.5	17.9	31.	3.	118.322	10.878	3.1	8.5	29.25	30.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	10	0.85	0.915	2.299	0.05	0.464	0.681	0.055	0.4	1.375	2.229
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.05	0.072	0.29	0.005	0.007	0.084	0.005	0.016	0.093	0.271
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	1.25	1.49	2.799	0.6	0.543	0.737	0.63	0.9	2.125	2.769
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	9	11.	10.111	16.	3.	14.361	3.79	3.	8.	12.5	16.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	50.	220.	1500.	50.	204555.556	452.278	50.	50.	125.	1370.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	1.699	1.967	3.176	1.699	0.223	0.472	1.699	1.699	2.075	3.089
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.703								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	10	0.1	0.105	0.2	0.05	0.003	0.055	0.05	0.05	0.125	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.055	0.062	0.19	0.005	0.003	0.058	0.005	0.005	0.093	0.181

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

Annual Analysis for 1979 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	19.5	16.	25.	3.	67.45	8.213	3.2	8.5	23.	24.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	6	284.	251.5	336.	95.	8247.1	90.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	11	8.2	8.582	11.9	5.1	5.594	2.365	5.26	6.8	10.6	11.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	3.	3.455	6.	2.	1.273	1.128	2.	3.	4.	5.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	6	22.5	19.667	29.	3.	82.267	9.07	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.6	7.7	9.5	7.	0.446	0.668	7.04	7.3	7.8	9.2
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.6	7.459	9.5	7.	0.51	0.714	7.04	7.3	7.8	9.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.025	0.035	0.1	0.	0.001	0.029	0.002	0.016	0.05	0.093
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	5	192.	194.4	223.	156.	698.3	26.425	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	5	51.	197.4	800.	36.	113565.8	336.995	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	5	148.	149.4	187.	116.	761.8	27.601	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	24.	115.	900.	9.	68737.2	262.178	10.6	20.	52.	744.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	7.	7.	16.	2.	15.8	3.975	2.2	4.	9.	14.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	17.	27.	106.	0.	838.4	28.955	1.4	13.	31.	93.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	11	0.6	1.25	5.	0.05	2.527	1.589	0.08	0.3	1.5	4.72
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.05	0.064	0.32	0.01	0.008	0.087	0.01	0.02	0.05	0.268
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	6	0.85	0.983	1.8	0.5	0.214	0.462	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	11	1.1	1.909	7.4	0.6	4.241	2.059	0.62	0.8	2.	6.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	6 ##	0.05	0.067	0.1	0.05	0.001	0.026	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	6	0.075	0.062	0.09	0.02	0.001	0.029	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	10.	9.636	15.	4.	10.855	3.295	4.2	7.	12.	14.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	827.273	8000.	50.	5676681.818	2382.579	50.	50.	100.	6500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	2.072	3.903	1.699	0.46	0.678	1.699	1.699	2.	3.662
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.128								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	5	0.07	0.066	0.1	0.04	0.001	0.023	**	**	**	**

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

Annual Analysis for 1980 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	11.85	14.08	29.	1.	99.862	9.993	1.25	5.975	25.25	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	331.	319.5	547.	217.	8784.056	93.723	217.3	248.5	337.25	527.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	10	10.2	9.99	13.9	6.9	5.645	2.376	6.96	7.875	12.425	13.76
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	3.5	5.2	11.	2.	9.289	3.048	2.1	3.	8.	10.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	22.5	19.2	28.	4.	66.844	8.176	4.6	10.75	25.25	27.8
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.5	7.56	9.2	7.	0.38	0.617	7.01	7.175	7.6	9.04
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.5	7.365	9.2	7.	0.423	0.65	7.01	7.175	7.6	9.04
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.032	0.043	0.1	0.001	0.001	0.03	0.003	0.025	0.067	0.098
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	36.	35.5	82.	7.	487.833	22.087	7.3	16.	46.25	79.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	7.5	8.3	22.	3.	30.011	5.478	3.	4.5	9.5	20.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	29.	27.2	60.	4.	297.733	17.255	4.1	9.5	36.75	58.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	10	1.9	1.83	4.7	0.5	1.533	1.238	0.52	0.7	2.4	4.47
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.045	0.045	0.11	0.01	0.001	0.028	0.011	0.028	0.053	0.105
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.125	1.057	1.6	0.1	0.235	0.485	0.14	0.665	1.45	1.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	2.6	2.55	5.3	0.7	1.761	1.327	0.74	1.325	3.225	5.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.205	1.1	0.05	0.102	0.319	0.05	0.05	0.2	1.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.06	0.056	0.09	0.02	0.	0.022	0.021	0.038	0.073	0.089
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	11.	11.5	16.	6.	8.278	2.877	6.4	10.	13.5	15.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	100.	377.778	2600.	50.	698194.444	835.58	50.	50.	200.	2600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	2.	2.09	3.415	1.699	0.309	0.556	1.699	1.699	2.301	3.415
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.119								

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

Annual Analysis for 1981 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	12.7	12.467	27.	0.5	80.433	8.968	0.5	4.375	21.6	26.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	513.	490.909	852.	214.	42291.091	205.648	222.	353.	569.	845.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	12	7.25	7.375	10.2	4.6	2.291	1.514	5.05	6.3	8.2	9.96
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	5.	5.636	12.	1.	11.655	3.414	1.4	3.	9.	11.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	22.	21.091	34.	9.	57.491	7.582	9.6	13.	24.	33.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.15	7.15	8.	6.4	0.146	0.383	6.52	7.	7.3	7.82
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.147	7.	8.	6.4	0.171	0.413	6.52	7.	7.3	7.82
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.071	0.1	0.398	0.01	0.01	0.101	0.019	0.05	0.1	0.326
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	26.	32.5	76.	2.5	508.85	22.558	4.2	14.	47.	72.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	6.	6.5	12.	1.	11.65	3.413	1.3	5.	8.	12.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	20.	26.227	68.	2.5	392.968	19.823	3.8	10.	39.	64.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	11	2.	3.091	13.	0.2	12.619	3.552	0.36	1.1	3.8	11.4
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.06	0.072	0.19	0.04	0.002	0.041	0.042	0.05	0.08	0.168
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	1.1	1.355	2.7	0.6	0.417	0.646	0.62	0.8	1.9	2.54
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	11	2.7	4.082	14.6	1.	14.84	3.852	1.14	2.	4.4	13.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.105	0.2	0.05	0.003	0.052	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.08	0.085	0.13	0.03	0.002	0.039	0.032	0.05	0.12	0.13
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	11.	11.364	29.	3.	50.855	7.131	3.2	5.	14.	26.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	700.	4600.	50.	1848500.	1359.596	50.	50.	700.	3960.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	2.266	3.663	1.699	0.515	0.717	1.699	1.699	2.845	3.559
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			184.54								

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Annual Analysis for 1982 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	13.7	14.26	25.8	3.	59.658	7.724	3.27	7.425	21.375	25.47
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	9.9	14.95	37.	3.	229.61	15.153	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	358.	341.2	464.	207.	5509.733	74.228	210.7	292.	381.75	456.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	10	9.05	9.1	11.7	6.8	2.244	1.498	6.9	8.025	10.175	11.57
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	2.5	3.4	12.	1.	9.822	3.134	1.1	2.	3.25	11.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	14.5	15.8	25.	9.	25.511	5.051	9.2	11.75	21.	24.6
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.35	7.28	7.8	6.5	0.155	0.394	6.54	6.975	7.55	7.79
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.347	7.1	7.8	6.5	0.191	0.437	6.54	6.975	7.55	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.045	0.079	0.316	0.016	0.008	0.09	0.016	0.029	0.106	0.297
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	6	7.25	7.333	7.7	7.1	0.067	0.258	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	6	7.247	7.277	7.7	7.1	0.07	0.266	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	6	0.057	0.053	0.079	0.02	0.001	0.026	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	6	56.5	55.283	86.	0.7	977.602	31.267	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	13.	16.75	37.	2.5	143.958	11.998	2.75	8.	27.5	36.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	5.	5.85	12.	2.5	11.114	3.334	2.55	3.	8.5	11.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	6.5	11.15	31.	2.	103.114	10.155	2.05	2.875	19.75	30.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	9	0.6	1.689	4.4	0.35	2.644	1.626	0.35	0.425	3.45	4.4
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.05	0.048	0.08	0.01	0.	0.021	0.012	0.03	0.063	0.079
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.45	1.548	2.7	0.8	0.345	0.587	0.814	0.948	1.925	2.63
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	1.5	2.25	5.2	0.6	3.001	1.732	0.62	0.8	4.175	5.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.09	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.06	0.088	0.36	0.02	0.01	0.098	0.021	0.038	0.083	0.333
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	5.5	6.2	9.	4.	2.844	1.687	4.1	5.	8.	8.9
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	6	31.	29.5	40.	12.	109.9	10.483	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	100.	269.111	930.	9.	144565.361	380.218	9.	36.5	580.	930.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	2.	2.001	2.968	0.954	0.461	0.679	0.954	1.53	2.665	2.968
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.323								

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

Annual Analysis for 1983 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	14.25	15.567	30.	4.	69.715	8.35	5.05	8.625	23.375	28.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	16.5	15.95	30.	4.9	73.717	8.586	5.68	7.775	24.5	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	243.5	257.417	395.	166.	4548.447	67.442	171.4	203.	310.75	374.3
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	12	9.85	9.625	13.8	6.2	4.528	2.128	6.35	8.075	10.675	13.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.	2.833	5.	1.	1.424	1.193	1.	2.	3.75	4.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	15.5	15.667	24.	8.	20.424	4.519	8.3	13.25	18.	23.1
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.3	7.162	7.5	6.6	0.09	0.299	6.63	6.925	7.375	7.5
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.3	7.058	7.5	6.6	0.102	0.319	6.63	6.925	7.375	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.05	0.088	0.251	0.032	0.005	0.071	0.032	0.042	0.119	0.236
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.1	7.158	7.8	6.7	0.148	0.385	6.7	6.75	7.475	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.1	7.022	7.8	6.7	0.168	0.41	6.7	6.75	7.475	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.079	0.095	0.2	0.016	0.005	0.071	0.017	0.034	0.181	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	47.5	47.5	69.	32.	108.818	10.432	32.9	39.5	55.75	65.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	19.5	20.833	42.	9.	99.788	9.989	9.6	12.5	24.75	39.9
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	6.5	7.583	16.	3.	15.174	3.895	3.3	4.25	10.	14.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	11.5	13.25	30.	5.	73.841	8.593	5.	6.	19.5	28.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	1.1	1.221	3.2	0.05	0.951	0.975	0.155	0.5	1.4	3.14
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.03	0.036	0.07	0.01	0.	0.02	0.013	0.02	0.058	0.067
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.25	1.25	2.5	0.07	0.354	0.595	0.313	0.915	1.475	2.32
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.75	2.117	3.9	1.	1.138	1.067	1.	1.3	3.125	3.84
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.083	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.185
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.06	0.063	0.11	0.03	0.001	0.023	0.03	0.043	0.08	0.101
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	6.5	6.667	9.	5.	2.061	1.435	5.	5.25	7.75	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	23.	26.273	46.	9.	154.218	12.418	9.4	19.	40.	45.

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

Annual Analysis for 1983 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	6.4	5.383	8.8	0.05	11.228	3.351	0.05	1.7	8.2	8.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	68.	837.792	4600.	1.5	3102224.339	1761.313	2.25	6.75	360.	4600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	1.801	1.797	3.663	0.176	1.273	1.128	0.304	0.746	2.519	3.663
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			62.647								

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

Annual Analysis for 1984 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	16.	16.833	33.5	3.5	120.998	11.	3.5	6.25	26.6	33.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	17.7	19.344	45.	6.8	135.21	11.628	6.8	10.8	25.	45.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	297.	290.	383.	187.	2922.75	54.062	187.	258.	320.	383.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	9	9.4	9.178	11.2	6.7	2.129	1.459	6.7	7.95	10.3	11.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	3.	3.444	6.	2.	1.528	1.236	2.	2.5	4.	6.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	9	15.	15.389	38.	0.5	112.611	10.612	0.5	8.	19.5	38.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	7.078	7.6	6.2	0.209	0.458	6.2	6.75	7.5	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	6.838	7.6	6.2	0.274	0.524	6.2	6.75	7.5	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.079	0.145	0.631	0.025	0.037	0.192	0.025	0.032	0.179	0.631
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	6.8	6.822	7.3	6.5	0.049	0.222	6.5	6.7	6.9	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	6.8	6.777	7.3	6.5	0.052	0.227	6.5	6.7	6.9	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.158	0.167	0.316	0.05	0.006	0.076	0.05	0.126	0.205	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	53.	56.333	74.	42.	130.	11.402	42.	46.	68.	74.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	9	20.	19.111	37.	5.	123.861	11.129	5.	9.	28.5	37.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	9	5.	6.	13.	0.	19.25	4.387	0.	3.5	10.	13.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	9	9.	13.111	25.	0.	95.361	9.765	0.	5.5	24.5	25.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	9	1.2	1.557	3.3	0.2	1.497	1.224	0.2	0.455	2.9	3.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.05	0.062	0.14	0.03	0.002	0.041	0.03	0.03	0.1	0.14
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	1.3	1.333	2.3	0.86	0.189	0.435	0.86	0.96	1.5	2.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	9	1.9	2.144	4.1	0.5	1.883	1.372	0.5	0.95	3.6	4.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9	0.1	0.078	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	9	0.04	0.048	0.1	0.02	0.001	0.024	0.02	0.03	0.06	0.1
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	9	7.	6.778	9.	3.	3.444	1.856	3.	5.5	8.	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	32.	29.444	62.	9.	254.528	15.954	9.	14.	34.5	62.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	3	5.2	6.267	11.6	2.	23.893	4.888	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	43.	482.5	2400.	1.5	747575.375	864.624	1.5	16.	865.	2400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	1.633	1.85	3.38	0.176	1.039	1.019	0.176	1.158	2.769	3.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			70.713								

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

Annual Analysis for 1985 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	17.	16.255	24.	1.5	63.803	7.988	2.5	9.	23.	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	17.3	19.145	33.	8.7	84.859	9.212	8.72	10.2	29.	32.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	303.	356.	525.	226.	9318.2	96.531	237.	294.	455.	513.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	9	7.1	7.511	14.	5.1	7.066	2.658	5.1	5.6	8.05	14.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	3.	4.364	14.	1.	12.855	3.585	1.2	2.	6.	12.4
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	15.	17.	33.	7.	62.	7.874	7.2	13.	22.	31.8
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.655	7.5	6.3	0.139	0.372	6.3	6.3	6.8	7.42
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.547	7.5	6.3	0.152	0.389	6.3	6.3	6.8	7.42
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.251	0.284	0.501	0.032	0.029	0.169	0.041	0.158	0.501	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	6.9	6.936	7.4	6.4	0.097	0.311	6.42	6.7	7.2	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	6.9	6.832	7.4	6.4	0.109	0.33	6.42	6.7	7.2	7.36

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Annual Analysis for 1985 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.126	0.147	0.398	0.04	0.013	0.114	0.044	0.063	0.2	0.382
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	49.	43.091	65.	6.	252.491	15.89	10.8	33.	53.	63.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	20.	21.591	47.	2.5	145.741	12.072	3.4	17.	26.	44.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	6.	6.136	13.	2.	9.905	3.147	2.1	3.	8.	12.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	15.	15.682	34.	2.5	80.714	8.984	2.8	12.	20.	32.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	11	2.	3.536	12.	0.6	13.297	3.646	0.62	0.9	4.9	11.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.08	0.085	0.15	0.02	0.003	0.056	0.02	0.02	0.14	0.15
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	1.31	1.225	2.42	0.21	0.477	0.691	0.216	0.67	1.74	2.296
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	11	3.	4.636	12.	1.2	14.341	3.787	1.24	1.4	8.5	11.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.091	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.05	0.049	0.1	0.02	0.001	0.026	0.02	0.03	0.07	0.096
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	6.	7.727	21.	5.	21.418	4.628	5.	5.	8.	18.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	51.	56.545	104.	22.	679.473	26.067	24.6	36.	65.	103.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	93.	618.889	2600.	4.	1143812.861	1069.492	4.	50.	1315.	2600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	1.968	2.088	3.415	0.602	0.775	0.88	0.602	1.699	2.871	3.415
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			122.488								

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Annual Analysis for 1986 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	18.45	14.25	26.9	1.	113.065	10.633	1.	1.9	24.375	26.78
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	11.1	15.85	42.	1.5	147.355	12.139	2.79	6.75	24.	39.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	385.	386.5	579.	268.	8162.091	90.344	270.7	321.25	426.75	556.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	12	8.5	7.892	12.6	2.8	11.895	3.449	2.92	4.425	11.075	12.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	4.5	5.083	11.	1.	10.992	3.315	1.3	2.25	8.25	10.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	13.5	13.75	21.	6.	20.386	4.515	6.9	10.25	17.5	20.7
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.8	6.85	7.8	6.1	0.194	0.44	6.22	6.6	7.075	7.68
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.8	6.677	7.8	6.1	0.226	0.476	6.22	6.6	7.075	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.158	0.21	0.794	0.016	0.042	0.204	0.023	0.085	0.251	0.651
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.	7.017	7.4	6.6	0.049	0.221	6.66	6.9	7.175	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.	6.965	7.4	6.6	0.052	0.227	6.66	6.9	7.175	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.1	0.108	0.251	0.04	0.003	0.057	0.043	0.067	0.126	0.223
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	60.5	55.167	87.	7.	431.97	20.784	14.2	45.5	67.75	81.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	19.	17.5	49.	2.5	174.773	13.22	2.5	7.25	21.75	43.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	3.5	3.333	5.	1.	1.833	1.354	1.3	2.125	4.75	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	14.5	14.583	47.	2.5	156.22	12.499	2.5	5.	17.	40.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	1.	2.017	8.	0.05	5.981	2.446	0.185	0.525	3.05	7.25
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.035	0.091	0.32	0.02	0.012	0.108	0.023	0.03	0.095	0.317
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.71	1.699	2.5	1.07	0.221	0.47	1.103	1.193	2.108	2.401
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.7	3.225	11.	0.5	11.689	3.419	0.65	1.025	4.5	10.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.11	0.2	0.03	0.005	0.071	0.03	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.02	0.033	0.1	0.01	0.001	0.03	0.01	0.01	0.058	0.091
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	6.	6.25	8.	4.	1.114	1.055	4.3	6.	7.	7.7
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	51.	51.917	125.	15.	872.083	29.531	16.5	27.	60.	111.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	3.8	3.822	6.	1.1	3.062	1.75	1.1	2.35	5.7	6.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	148.182	930.	50.	69336.364	263.318	50.	50.	100.	784.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	1.896	2.968	1.699	0.164	0.404	1.699	1.699	2.	2.835
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			78.791								

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

Annual Analysis for 1987 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	14	15.95	15.664	30.2	0.5	98.135	9.906	0.75	6.4	25.65	29.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	11.6	21.018	72.	1.8	647.568	25.447	2.	4.1	26.	71.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	296.	334.083	656.	159.	15502.992	124.511	178.8	269.75	388.5	583.1
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	12	9.15	8.467	12.	3.3	7.812	2.795	3.3	6.95	10.55	11.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.	4.417	12.	2.	8.083	2.843	2.3	3.	4.75	10.8
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	14.5	15.083	25.	7.	32.447	5.696	7.6	9.5	19.	24.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	14	7.	7.132	8.29	6.2	0.357	0.598	6.35	6.6	7.615	7.995
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	14	6.989	6.822	8.29	6.2	0.461	0.679	6.35	6.6	7.615	7.995
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	14	0.103	0.151	0.631	0.005	0.03	0.173	0.013	0.024	0.251	0.474
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.2	7.158	7.7	6.6	0.095	0.309	6.63	7.	7.3	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.2	7.055	7.7	6.6	0.107	0.327	6.63	7.	7.3	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.063	0.088	0.251	0.02	0.005	0.069	0.023	0.05	0.1	0.236
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	56.5	57.583	89.	30.	222.811	14.927	35.4	51.	58.75	86.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	15.	22.833	98.	2.5	794.242	28.182	2.5	2.5	31.25	84.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	3.	4.583	10.	2.	7.811	2.795	2.15	2.5	6.75	9.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	10.5	19.292	88.	2.5	640.384	25.306	2.5	2.5	27.75	74.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	1.	1.779	8.25	0.05	6.049	2.46	0.05	0.15	1.95	7.275
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.05	0.101	0.34	0.02	0.01	0.102	0.023	0.033	0.178	0.307
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.4	1.419	2.56	0.45	0.323	0.568	0.576	0.995	1.705	2.437
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.55	2.467	8.3	0.8	5.506	2.346	0.83	1.	2.9	7.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.113	0.2	0.05	0.003	0.057	0.05	0.063	0.175	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.02	0.041	0.11	0.005	0.001	0.035	0.01	0.02	0.07	0.107
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	9	6.	7.	12.	5.	4.25	2.062	5.	6.	7.5	12.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	6	115.	113.5	144.	93.	359.1	18.95	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	34.	38.5	106.	6.	786.636	28.047	7.2	14.75	55.75	92.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	6.25	5.417	11.	0.9	11.689	3.419	0.9	1.575	6.6	10.85
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	486.364	4600.	50.	1867045.455	1366.399	50.	50.	50.	3740.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	1.948	3.663	1.699	0.378	0.615	1.699	1.699	1.699	3.426
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			88.764								

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

Annual Analysis for 1988 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	16.85	15.75	29.	0.5	91.575	9.57	1.79	6.225	24.85	28.16
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	10	8.65	19.22	90.	2.7	712.906	26.7	2.73	3.3	26.75	83.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	382.	376.667	521.	221.	7854.25	88.624	221.	309.5	429.	521.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	11	8.	7.873	10.8	3.3	4.594	2.143	3.82	6.5	9.5	10.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	5.5	5.9	11.	2.	8.1	2.846	2.	4.25	8.25	10.8
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	15.5	18.6	30.	9.	46.933	6.851	9.4	14.5	25.	29.8
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.65	7.691	9.1	6.9	0.428	0.654	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.625	7.419	9.1	6.9	0.513	0.716	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.024	0.038	0.126	0.001	0.002	0.04	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	10	7.2	7.14	7.5	6.4	0.105	0.324	6.45	6.975	7.35	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	10	7.2	7.003	7.5	6.4	0.126	0.355	6.45	6.975	7.35	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	10	0.063	0.099	0.398	0.032	0.012	0.109	0.032	0.045	0.106	0.371
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	10	64.5	68.	111.	51.	262.667	16.207	51.6	60.75	70.	106.9
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	2	295.5	295.5	314.	277.	684.5	26.163	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	2	53.5	53.5	57.	50.	24.5	4.95	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	2	242.	242.	257.	227.	450.	21.213	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	8.5	22.1	79.	4.	731.433	27.045	4.1	5.	36.75	77.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	2.5	4.6	13.	2.	16.044	4.006	2.	2.	7.75	12.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	10	6.	17.5	66.	2.	536.5	23.162	2.	2.75	29.	64.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	9	1.6	1.928	6.3	0.11	3.827	1.956	0.11	0.475	2.875	6.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.15	0.152	0.42	0.02	0.015	0.124	0.02	0.05	0.21	0.42
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	1.525	1.575	2.44	0.81	0.401	0.634	**	**	**	**

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

Annual Analysis for 1988 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	9	2.4	3.232	11.	0.6	9.552	3.091	0.6	1.445	3.7	11.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9	0.1	0.111	0.2	0.05	0.003	0.055	0.05	0.075	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	9	0.03	0.043	0.09	0.005	0.001	0.03	0.005	0.02	0.07	0.09
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	7	4.4	4.929	7.8	3.6	1.982	1.408	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	119.	111.583	140.	50.	580.811	24.1	62.9	97.25	124.75	138.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	58.	55.889	86.	22.	384.361	19.605	22.	43.	70.5	86.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	2	57.5	57.5	65.	50.	112.5	10.607	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2	0.31	0.31	0.39	0.23	0.013	0.113	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	3.8	4.689	9.1	1.	6.881	2.623	1.	3.	7.3	9.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	50.	75.	200.	50.	2857.143	53.452	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	1.699	1.812	2.301	1.699	0.05	0.224	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.842								

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

Annual Analysis for 1989 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	15.	16.545	28.4	2.8	92.123	9.598	3.28	5.5	26.1	28.38
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	26.	32.691	110.	9.1	742.341	27.246	9.78	20.	35.	95.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	8	278.	304.75	420.	247.	3351.071	57.888	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	3	292.	287.667	318.	253.	1070.333	32.716	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	11	10.4	10.118	12.5	6.7	3.168	1.78	6.94	9.	11.5	12.42
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	4.	5.182	10.	2.	7.164	2.676	2.	3.	8.	9.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	14.	15.182	28.	8.	28.164	5.307	8.6	11.	18.	26.2
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.74	7.847	9.	7.3	0.266	0.516	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.738	7.68	9.	7.3	0.298	0.546	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.018	0.021	0.05	0.001	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.3	7.473	8.2	7.	0.14	0.374	7.02	7.2	7.7	8.16
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.3	7.355	8.2	7.	0.155	0.394	7.02	7.2	7.7	8.16
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.05	0.044	0.1	0.006	0.001	0.029	0.007	0.02	0.063	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	66.	65.545	79.	40.	167.873	12.957	41.4	57.	76.	78.6
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	11	220.	231.273	377.	191.	2475.418	49.754	194.4	209.	228.	348.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	10	46.	50.6	74.	32.	217.378	14.744	32.4	38.25	65.5	73.6
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	11	167.	180.091	307.	153.	1867.891	43.219	154.	159.	181.	282.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	34.	40.182	95.	12.	545.564	23.357	14.2	24.	52.	89.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	6.	8.	25.	2.	42.8	6.542	2.	4.	9.	22.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	28.	32.182	70.	10.	293.964	17.145	12.	21.	43.	66.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	11	0.49	0.935	3.45	0.02	1.25	1.118	0.02	0.16	1.46	3.24
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.04	0.046	0.08	0.02	0.	0.017	0.022	0.03	0.06	0.076
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	1.34	1.488	2.2	1.04	0.178	0.422	1.048	1.14	1.97	2.174
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	11	1.1	1.655	4.5	0.7	1.533	1.238	0.7	0.7	2.2	4.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.109	0.2	0.1	0.001	0.03	0.1	0.1	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.041	0.08	0.03	0.	0.018	0.03	0.03	0.06	0.076
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	4.5	43.218	430.	3.3	16456.742	128.284	3.3	3.9	5.6	345.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	107.	103.083	124.	82.	172.992	13.153	82.	93.	112.75	121.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	23.	27.636	58.	15.	229.655	15.154	15.2	17.	30.	57.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	32.	34.545	50.	29.	31.273	5.592	29.4	32.	36.	47.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.17	0.176	0.24	0.12	0.001	0.032	0.126	0.15	0.2	0.232
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	11	5.1	4.555	7.4	0.8	5.359	2.315	0.96	1.9	6.5	7.36
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								

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

Annual Analysis for 1990 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	9.7	12.855	26.6	1.9	90.961	9.537	2.1	4.2	22.9	26.44
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	19.9	21.375	43.	3.8	97.607	9.88	6.56	14.975	27.75	39.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	2	359.5	359.5	416.	303.	6384.5	79.903	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	10	306.	306.2	392.	220.	3139.511	56.031	222.6	252.75	345.	391.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	11	9.	9.464	13.2	6.2	4.575	2.139	6.4	7.6	11.2	12.96
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	4.	4.182	9.	2.	3.364	1.834	2.2	3.	5.	8.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	15.5	15.583	32.	6.	48.811	6.986	6.6	9.75	19.	28.7
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.2	6.714	8.2	2.3	3.968	1.992	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.2	3.145	8.2	2.3	18.831	4.339	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	7	0.063	716.025	5011.872	0.006	3588336.518	1894.291	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.35	7.283	7.7	6.8	0.122	0.349	6.83	6.925	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.325	7.162	7.7	6.8	0.138	0.371	6.83	6.925	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.047	0.069	0.158	0.02	0.003	0.05	0.02	0.025	0.119	0.149
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	66.5	65.417	90.	43.	201.356	14.19	45.4	52.75	76.25	87.9
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	12	207.	211.417	251.	161.	757.174	27.517	166.4	195.5	236.	250.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	12	51.	52.667	84.	20.	317.152	17.809	25.1	43.25	63.25	83.1
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	12	149.	158.75	205.	129.	591.114	24.313	132.6	142.5	176.5	203.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	21.	24.636	43.	11.	110.055	10.491	11.8	17.	34.	42.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	4.	4.917	10.	1.	10.265	3.204	1.3	2.	8.25	10.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	16.	18.667	42.	7.	96.242	9.81	7.9	12.25	24.75	38.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	0.695	1.399	8.	0.02	4.883	2.21	0.02	0.145	1.645	6.35
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.04	0.057	0.13	0.02	0.002	0.04	0.02	0.023	0.095	0.127
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.605	1.52	2.08	0.79	0.18	0.425	0.829	1.158	1.9	2.041
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.55	2.342	9.4	0.7	5.599	2.366	0.73	1.025	2.6	7.63
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.142	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.03	0.038	0.08	0.01	0.001	0.022	0.01	0.023	0.058	0.077
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	4.55	4.692	6.7	2.9	1.379	1.174	3.11	3.725	5.675	6.55
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	106.	108.	138.	80.	421.091	20.52	81.8	88.5	127.5	137.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	25.5	31.417	70.	10.	281.538	16.779	12.4	20.75	42.	64.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	33.	33.182	43.	26.	29.164	5.4	26.2	28.	36.	42.6
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.2	0.194	0.36	0.025	0.009	0.097	0.03	0.15	0.23	0.348
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	5.35	6.042	13.4	0.005	16.341	4.042	0.214	3.55	9.2	12.38

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

Annual Analysis for 1991 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	19.9	18.045	27.2	3.4	76.395	8.74	3.46	11.	25.9	27.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	30.	32.667	70.	5.2	415.428	20.382	5.62	17.4	51.	66.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	1	337.	337.	337.	337.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	12	332.	376.	751.	184.	31057.636	176.232	194.8	256.	401.5	735.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	10	7.3	8.32	13.1	5.8	6.997	2.645	5.83	6.175	10.275	13.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	5.	5.083	7.	4.	0.992	0.996	4.	4.	6.	6.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	19.	22.083	32.	12.	48.265	6.947	12.9	18.	29.75	32.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.9	6.936	8.1	6.3	0.305	0.552	6.3	6.5	7.3	7.96
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.9	6.699	8.1	6.3	0.367	0.605	6.3	6.5	7.3	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.126	0.2	0.501	0.008	0.033	0.182	0.014	0.05	0.316	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.4	7.375	8.	6.6	0.173	0.416	6.69	7.025	7.75	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.4	7.188	8.	6.6	0.211	0.459	6.69	7.025	7.75	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.04	0.065	0.251	0.01	0.005	0.069	0.012	0.018	0.095	0.214
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	68.	66.583	149.	14.	1079.72	32.859	20.6	46.75	77.	130.1
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	12	227.5	277.25	624.	181.	15968.932	126.368	182.2	196.25	290.5	560.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	12	64.	66.083	118.	28.	541.72	23.275	34.	50.	81.	107.8
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	12	173.	211.167	542.	131.	12710.697	112.742	131.	157.75	208.	467.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	27.	33.417	74.	4.	518.083	22.761	5.5	15.25	50.5	72.5

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Annual Analysis for 1991 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	5.5	6.25	12.	1.	10.932	3.306	1.6	3.5	8.75	11.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	21.5	27.167	63.	3.	383.97	19.595	3.9	11.75	42.75	61.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	1.43	3.479	14.5	0.09	23.387	4.836	0.225	0.655	3.863	13.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.04	0.073	0.23	0.02	0.004	0.063	0.023	0.03	0.108	0.203
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.205	1.176	1.64	0.33	0.107	0.327	0.495	1.12	1.365	1.583
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	2.5	5.083	21.	0.9	39.32	6.271	1.11	1.85	4.95	19.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.117	0.2	0.05	0.003	0.054	0.05	0.1	0.175	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.035	0.04	0.08	0.01	0.	0.021	0.013	0.023	0.058	0.077
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	4.4	4.975	9.	2.	3.62	1.903	2.39	3.875	6.425	8.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	114.5	113.25	190.	72.	1038.75	32.23	73.8	87.	126.	175.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	39.	45.167	118.	16.	959.97	30.983	16.	23.	49.5	110.5
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	33.	37.167	65.	21.	209.424	14.471	21.6	24.75	43.5	64.4
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.28	0.346	0.91	0.13	0.062	0.249	0.134	0.21	0.32	0.876
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	6.45	6.567	10.5	1.9	7.273	2.697	2.47	4.3	8.75	10.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	6	735.	1754.333	5400.	78.	4934991.067	2221.484	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	6	2.672	2.734	3.732	1.892	0.694	0.833	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			542.218								

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Annual Analysis for 1992 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	14.2	15.	26.5	2.6	80.649	8.98	2.99	6.075	25.2	26.17
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	30.	25.3	31.	10.2	101.56	10.078	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	283.	303.	396.	253.	2484.545	49.845	253.6	259.25	353.75	385.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	12	277.5	291.25	374.	233.	1944.568	44.097	238.7	255.75	330.25	364.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	12	9.85	9.692	13.4	5.9	4.108	2.027	6.35	8.2	10.6	13.04
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	4.	3.417	5.	2.	1.356	1.165	2.	2.	4.	5.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	19.5	17.792	29.	0.5	65.703	8.106	3.65	11.25	23.5	28.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.25	7.425	9.	6.5	0.558	0.747	6.53	6.85	7.975	8.76
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.182	7.033	9.	6.5	0.726	0.852	6.53	6.85	7.975	8.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.066	0.093	0.316	0.001	0.011	0.103	0.003	0.011	0.144	0.297
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.95	7.808	8.1	7.2	0.083	0.287	7.29	7.55	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.947	7.709	8.1	7.2	0.093	0.306	7.29	7.55	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.011	0.02	0.063	0.008	0.	0.016	0.008	0.01	0.029	0.054
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	74.	69.917	85.	42.	165.356	12.859	44.7	63.25	79.75	83.5
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	12	208.	212.083	263.	174.	748.083	27.351	176.4	190.25	235.	258.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	12	48.	46.583	61.	30.	114.811	10.715	30.3	37.75	56.	60.7
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	12	164.5	165.5	207.	139.	434.818	20.852	139.9	145.	180.75	201.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	33.5	30.667	49.	2.	194.424	13.944	4.4	23.	42.5	47.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	7.5	6.75	11.	3.	7.295	2.701	3.	4.25	8.75	10.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	26.	25.417	39.	7.	79.538	8.918	10.	18.5	32.75	38.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	0.065	0.248	0.87	0.02	0.106	0.326	0.02	0.02	0.508	0.858
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.03	0.032	0.04	0.02	0.	0.008	0.02	0.03	0.04	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.685	1.713	3.01	1.01	0.396	0.629	1.01	1.11	2.178	2.86
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	1.05	1.142	1.7	0.8	0.074	0.271	0.83	0.925	1.35	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.129	0.2	0.05	0.003	0.054	0.065	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	4	0.03	0.033	0.05	0.02	0.	0.015	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	5.15	5.483	10.3	3.2	3.971	1.993	3.23	4.2	6.15	9.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	122.	118.333	144.	92.	260.242	16.132	94.4	104.5	129.5	142.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	19.	21.	34.	14.	38.8	6.229	14.4	16.	25.	32.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	35.	33.545	40.	24.	27.873	5.279	24.4	28.	37.	39.6
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10 ##	0.15	0.148	0.25	0.05	0.005	0.069	0.05	0.088	0.198	0.25
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	3.65	4.133	8.5	1.1	5.939	2.437	1.25	2.125	6.625	8.14
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	78.	171.636	600.	20.	38253.455	195.585	26.	50.	200.	578.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	1.892	2.005	2.778	1.301	0.213	0.461	1.381	1.699	2.301	2.761

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Annual Analysis for 1992 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			101.251								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	8	0.02	0.028	0.06	0.01	0.	0.016	**	**	**	**

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Annual Analysis for 1993 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	13	13.2	16.046	30.6	3.4	78.059	8.835	4.64	8.95	24.15	29.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	13	287.	299.846	485.	149.	10670.808	103.3	167.4	198.	388.	456.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	12	296.	276.333	417.	147.	7804.606	88.344	155.7	184.5	350.75	404.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	13	10.1	10.638	14.2	7.9	3.336	1.826	7.94	9.65	11.85	13.76
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.	3.167	6.	1.	2.152	1.467	1.3	2.	4.	5.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	16.	15.958	26.	0.5	58.657	7.659	3.05	10.25	23.75	25.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	13	7.2	7.346	8.9	6.5	0.489	0.7	6.58	6.75	7.95	8.54
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	13	7.2	7.005	8.9	6.5	0.615	0.784	6.58	6.75	7.95	8.54
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	13	0.063	0.099	0.316	0.001	0.01	0.099	0.005	0.011	0.179	0.27
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.8	7.808	8.7	7.2	0.217	0.466	7.2	7.45	8.2	8.61
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.8	7.621	8.7	7.2	0.256	0.506	7.2	7.45	8.2	8.61
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.016	0.024	0.063	0.002	0.	0.021	0.003	0.007	0.036	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	65.5	65.25	109.	30.	518.023	22.76	33.3	45.	80.75	103.3
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	12	195.5	204.417	335.	144.	2422.992	49.224	150.	169.25	226.	303.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	12	52.	55.583	77.	35.	199.902	14.139	35.3	45.25	69.75	75.5
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	12	143.	149.583	263.	103.	1846.447	42.97	104.5	121.	159.25	240.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	34.5	40.833	84.	15.	461.788	21.489	16.5	23.75	60.	78.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	9.5	8.75	17.	2.	17.114	4.137	2.3	5.5	11.	15.5
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	12	26.5	32.083	72.	13.	361.538	19.014	13.	16.25	49.	66.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	12	0.11	0.155	0.38	0.02	0.021	0.144	0.02	0.025	0.31	0.374
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.035	0.04	0.07	0.02	0.	0.016	0.02	0.03	0.05	0.067
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.205	1.428	2.75	0.67	0.452	0.673	0.706	0.908	2.005	2.654
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	12	0.95	1.017	1.6	0.6	0.1	0.316	0.6	0.825	1.25	1.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.133	0.2	0.05	0.004	0.062	0.05	0.1	0.2	0.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	6.65	6.4	12.4	0.5	9.671	3.11	1.34	3.875	8.225	11.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	112.	107.909	162.	68.	1033.291	32.145	68.	76.	132.	158.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	20.	23.545	46.	9.	155.073	12.453	9.4	12.	35.	44.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	31.	32.	48.	15.	120.6	10.982	15.8	23.	42.	47.4
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	75.	358.333	2800.	50.	604924.242	777.769	50.	50.	275.	2080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	1.849	2.11	3.447	1.699	0.297	0.545	1.699	1.699	2.433	3.194
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			128.88								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	12	0.03	0.038	0.09	0.02	0.001	0.026	0.02	0.02	0.045	0.09

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Annual Analysis for 1994 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	19.4	17.25	26.8	2.	72.537	8.517	2.54	10.6	24.825	26.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	297.	318.333	441.	251.	4430.97	66.566	251.3	257.5	366.	438.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	11	284.	298.455	404.	224.	3317.673	57.599	226.8	255.	329.	399.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	12	9.5	9.275	12.	6.5	3.138	1.772	6.53	7.95	10.325	11.94
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	3.6	3.911	6.3	1.9	3.214	1.793	1.9	2.35	6.05	6.3
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	15.	15.7	28.	10.	30.456	5.519	10.1	11.75	17.5	27.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.5	7.525	8.8	6.5	0.389	0.624	6.56	7.1	7.9	8.59

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

Annual Analysis for 1994 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.5	7.166	8.8	6.5	0.53	0.728	6.56	7.1	7.9	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.032	0.068	0.316	0.002	0.009	0.095	0.003	0.013	0.085	0.281
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	7.5	7.544	8.5	6.9	0.23	0.48	6.9	7.2	7.85	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	7.5	7.361	8.5	6.9	0.268	0.518	6.9	7.2	7.85	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.032	0.044	0.126	0.003	0.001	0.038	0.003	0.015	0.065	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	78.	74.667	97.	42.	381.25	19.526	42.	59.	90.5	97.
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	11	204.	208.636	258.	169.	1123.255	33.515	169.2	175.	241.	256.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	11	61.	60.	90.	29.	353.4	18.799	31.8	43.	77.	87.8
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	11	145.	148.636	193.	109.	583.255	24.151	113.6	134.	171.	190.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	23.	29.727	46.	14.	135.218	11.628	15.4	21.	44.	45.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	7.	6.773	12.	1.5	9.868	3.141	1.8	5.	10.	11.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	11	20.	22.909	36.	11.	82.091	9.06	11.8	16.	34.	35.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	10	0.055	0.114	0.5	0.02	0.023	0.15	0.02	0.02	0.183	0.469
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.035	0.041	0.07	0.02	0.	0.022	0.02	0.02	0.063	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.4	1.549	3.06	0.48	0.514	0.717	0.538	1.195	1.813	2.996
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	10	0.85	0.92	1.3	0.6	0.051	0.225	0.61	0.775	1.125	1.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.125	0.2	0.05	0.003	0.054	0.055	0.1	0.2	0.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	4.1	4.58	7.8	3.	1.946	1.395	3.03	3.75	5.25	7.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	10	116.5	115.2	150.	72.	687.511	26.22	72.1	101.5	137.5	149.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	25.	25.778	40.	11.	98.944	9.947	11.	17.5	35.5	40.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	9	28.	30.222	44.	20.	64.444	8.028	20.	25.	37.	44.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	50.	80.	200.	50.	2333.333	48.305	50.	50.	100.	190.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	1.699	1.849	2.301	1.699	0.045	0.213	1.699	1.699	2.	2.271
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			70.711								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.02	0.024	0.05	0.005	0.	0.014	0.006	0.01	0.033	0.049

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

Annual Analysis for 1995 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	15	22.	20.113	30.8	7.7	57.493	7.582	7.94	13.2	26.	29.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	15	292.	276.8	338.	204.	1438.171	37.923	222.6	240.	302.	326.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	15	291.	279.4	338.	188.	2123.114	46.077	196.4	241.	313.	334.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	15	9.4	9.533	16.1	5.9	7.145	2.673	6.32	7.3	11.	14.18
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	3.6	3.789	6.2	1.	2.264	1.505	1.	3.	4.85	6.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	16.5	17.4	24.	10.	20.933	4.575	10.3	14.5	21.	24.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	15	7.9	7.98	9.6	6.4	0.74	0.86	6.76	7.4	8.7	9.24
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	15	7.9	7.316	9.6	6.4	1.213	1.101	6.76	7.4	8.7	9.24
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	15	0.013	0.048	0.398	0.	0.01	0.101	0.001	0.002	0.04	0.219
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	10	7.6	7.69	8.6	7.	0.321	0.567	7.	7.225	8.2	8.59
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	10	7.589	7.431	8.6	7.	0.396	0.629	7.	7.225	8.2	8.59
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	10	0.026	0.037	0.1	0.003	0.001	0.037	0.003	0.007	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	10	66.5	68.4	83.	53.	122.711	11.078	53.3	59.	80.25	82.8
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	15	216.	205.267	245.	156.	715.781	26.754	159.	187.	221.	240.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	15	54.	55.133	78.	35.	146.124	12.088	39.2	46.	66.	73.8
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	15	150.	150.133	193.	113.	387.838	19.694	117.8	145.	162.	176.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	15	34.	33.733	51.	21.	51.924	7.206	23.4	29.	38.	44.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	15	7.	7.267	13.	3.	5.638	2.374	3.6	6.	8.	11.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	15	26.	26.467	38.	14.	32.552	5.705	18.2	22.	31.	33.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	9 ##	0.02	0.087	0.42	0.02	0.02	0.141	0.02	0.02	0.12	0.42
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.03	0.033	0.05	0.02	0.	0.012	0.02	0.02	0.045	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	1.14	1.181	1.8	0.53	0.258	0.508	0.53	0.69	1.695	1.8
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	9	0.9	0.878	1.3	0.6	0.039	0.199	0.6	0.75	0.95	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9	0.1	0.132	0.2	0.09	0.003	0.051	0.09	0.1	0.2	0.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	6.8	6.39	8.7	3.5	2.223	1.491	3.66	5.4	7.35	8.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	10	108.	104.5	126.	80.	238.056	15.429	80.4	91.5	117.	125.4

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

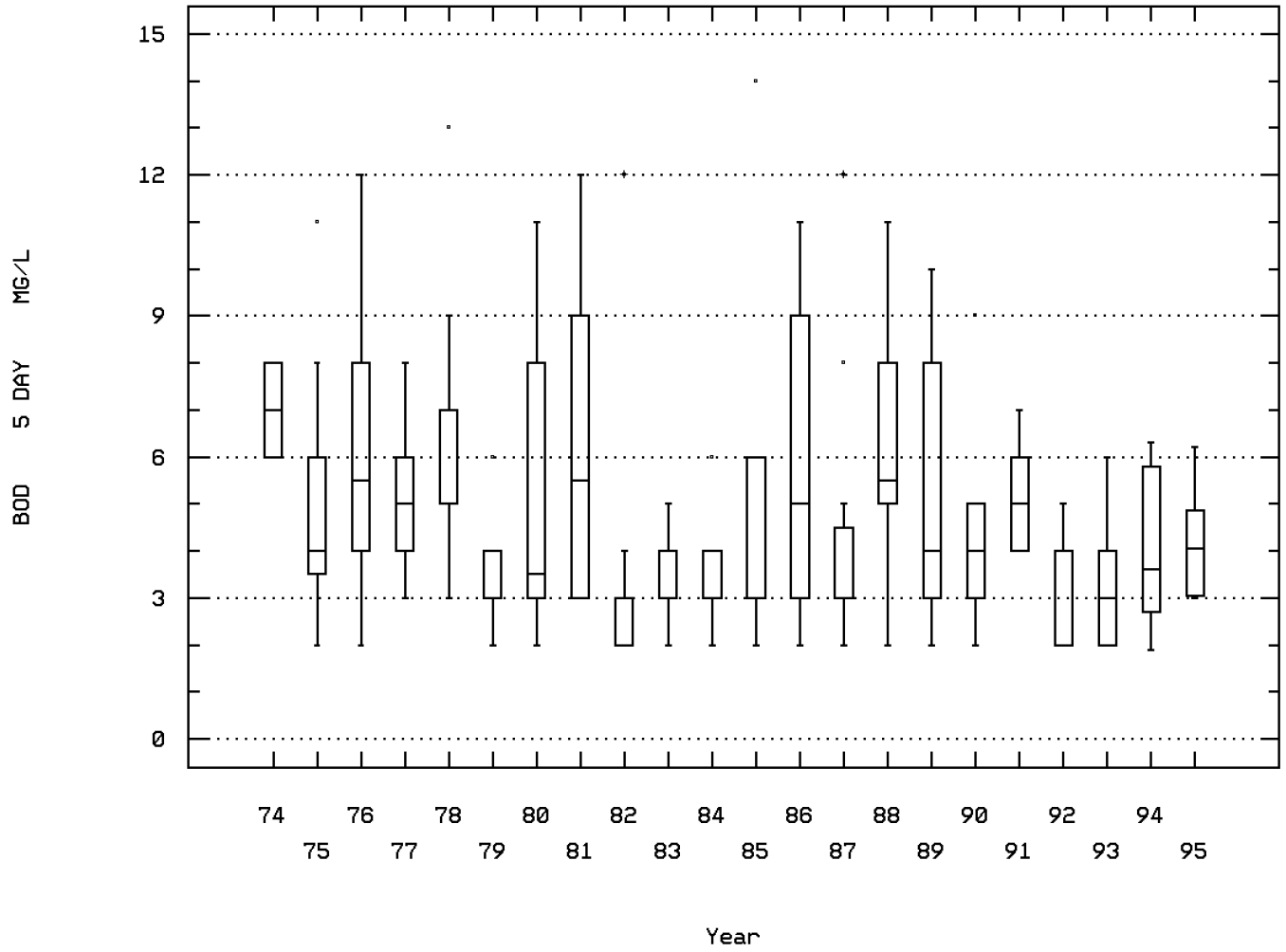
Annual Analysis for 1995 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	22.	20.4	27.	9.	31.822	5.641	9.5	16.25	25.25	26.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	10	31.5	30.4	39.	20.	25.156	5.016	20.6	27.5	33.	38.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	100.	183.333	800.	50.	56875.	238.485	50.	50.	200.	800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	2.	2.067	2.903	1.699	0.154	0.392	1.699	1.699	2.301	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			116.653								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	8	0.03	0.035	0.06	0.02	0.	0.014	**	**	**	**

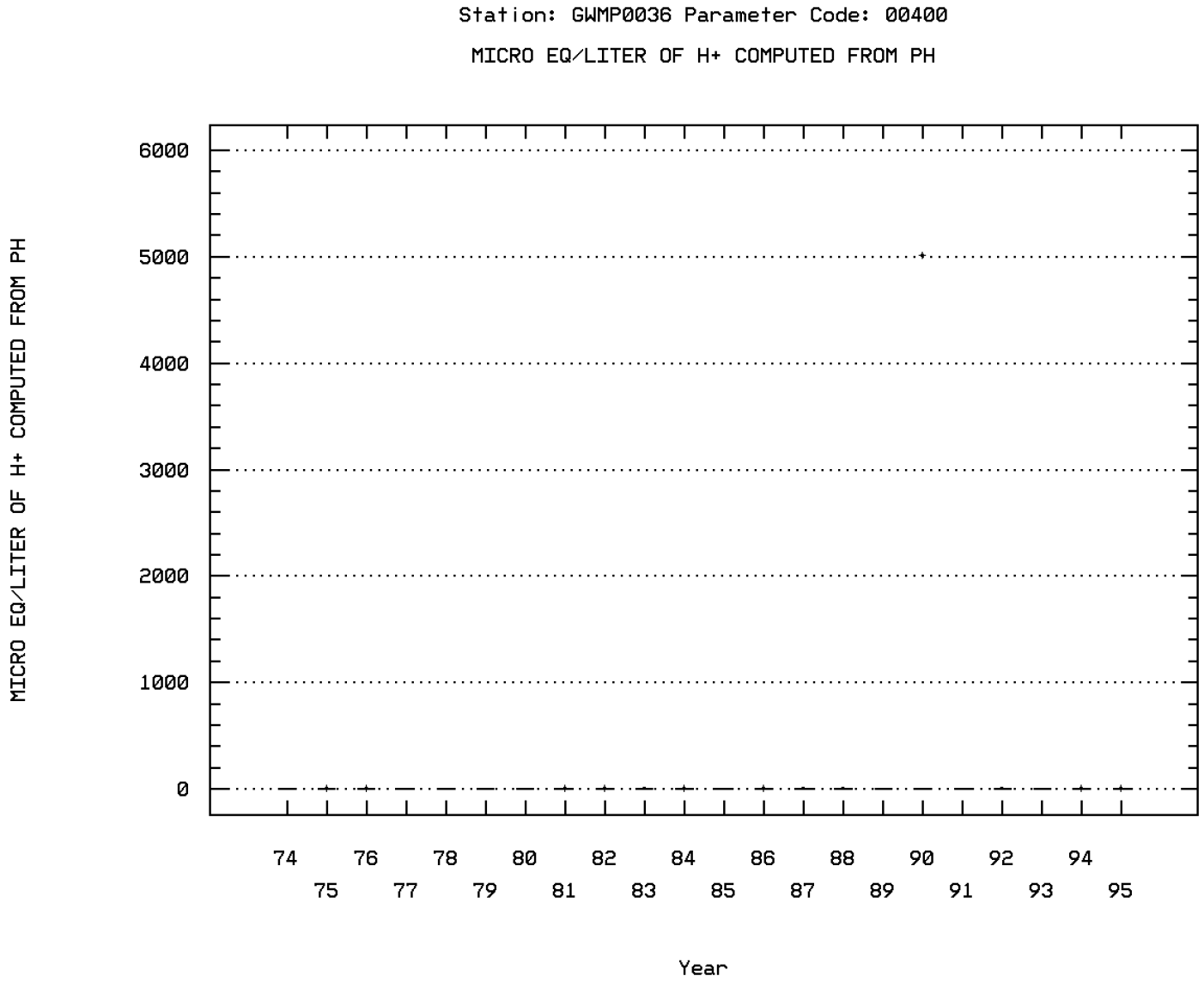
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0036 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



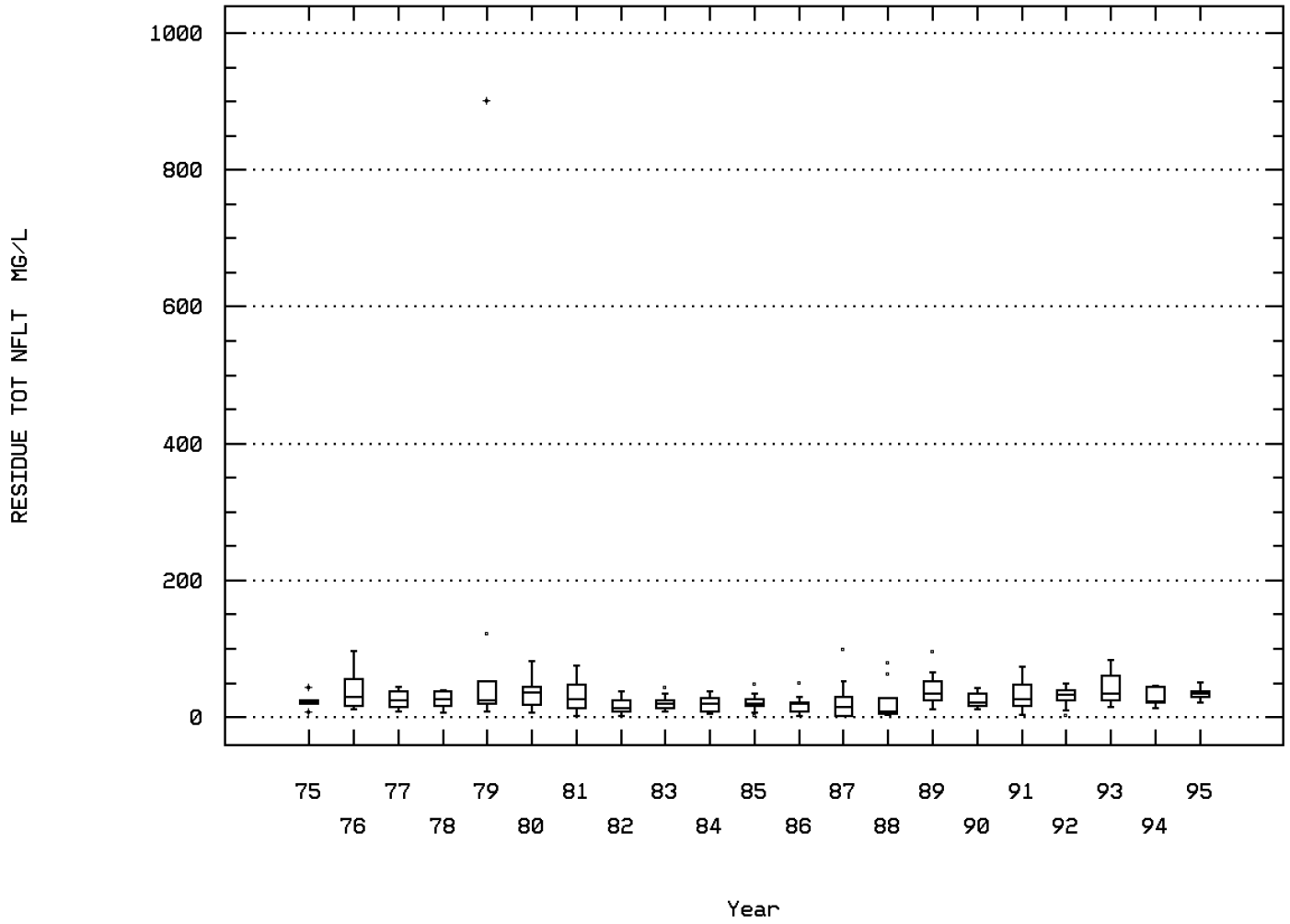
GEORGE WASHINGTON PARKWAY BRIDGE



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00530

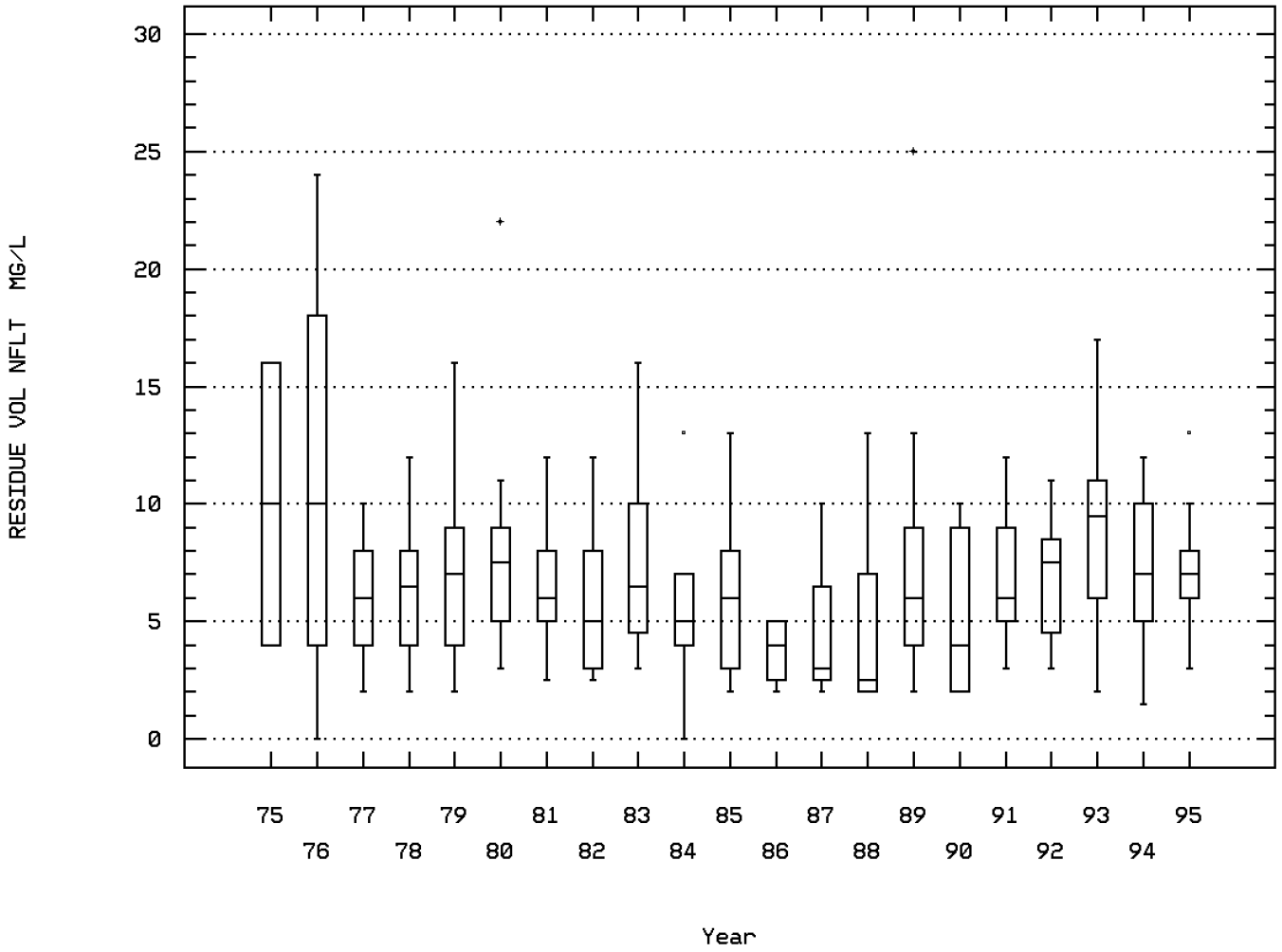
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00535

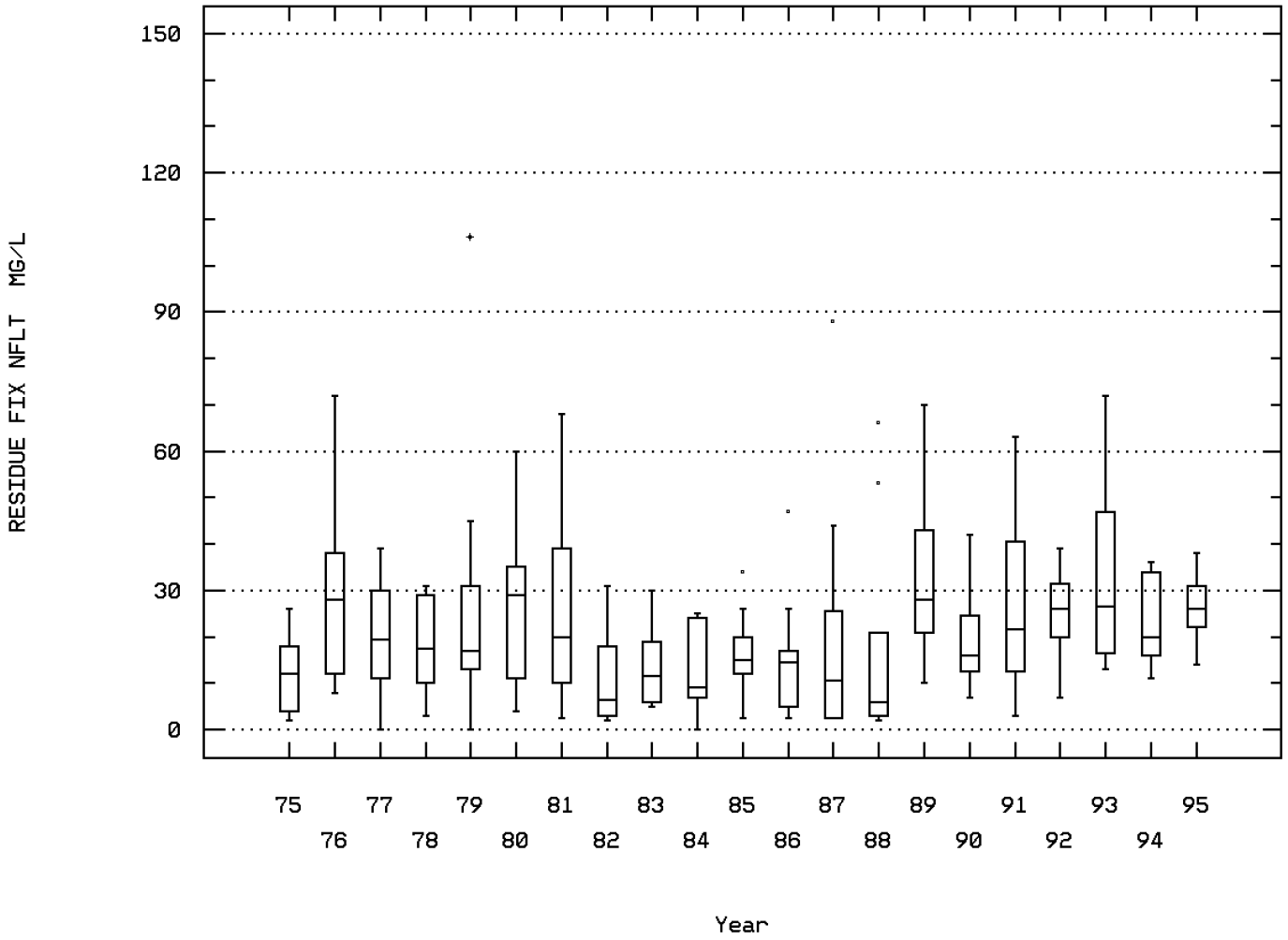
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00540

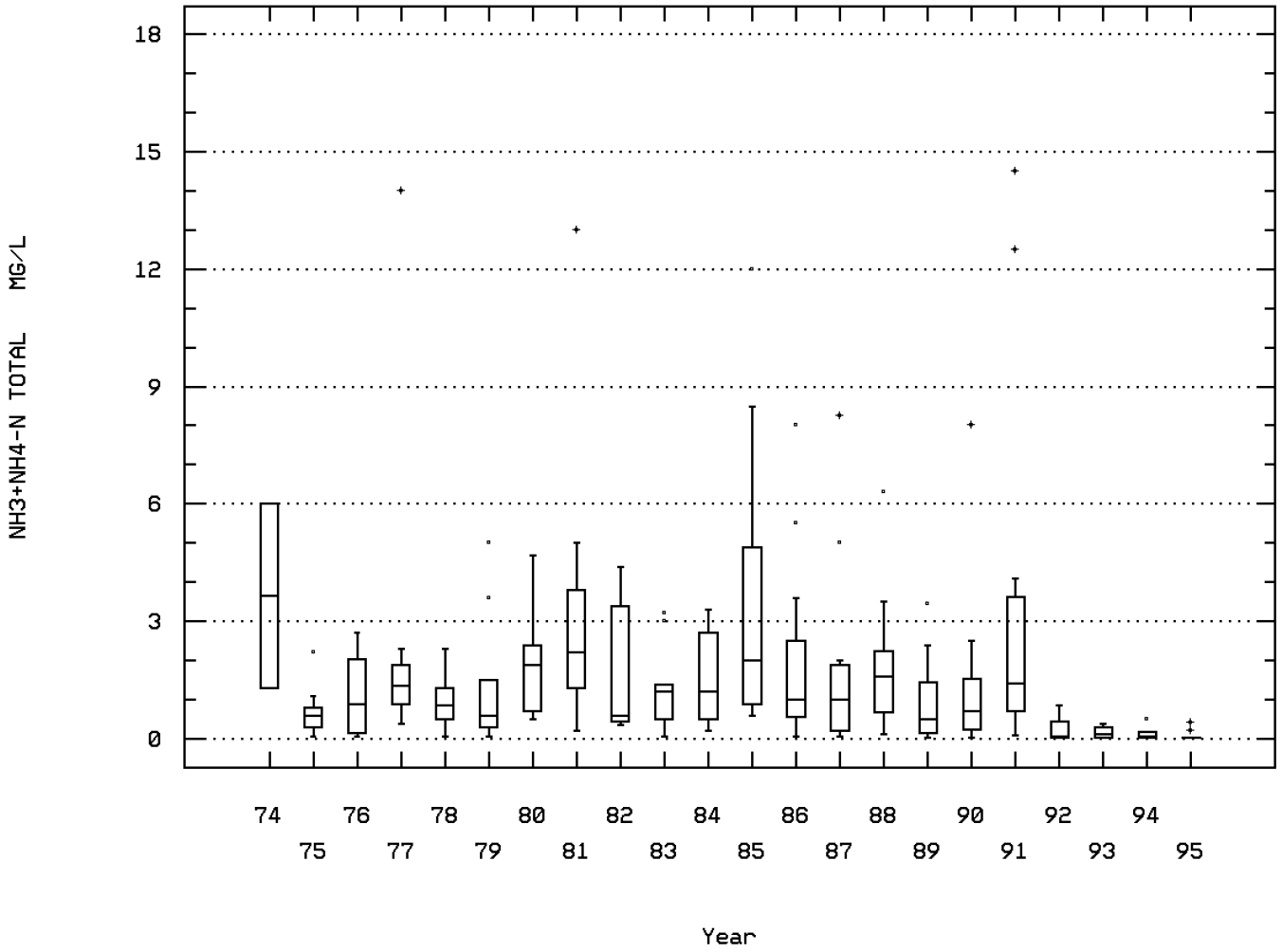
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00610

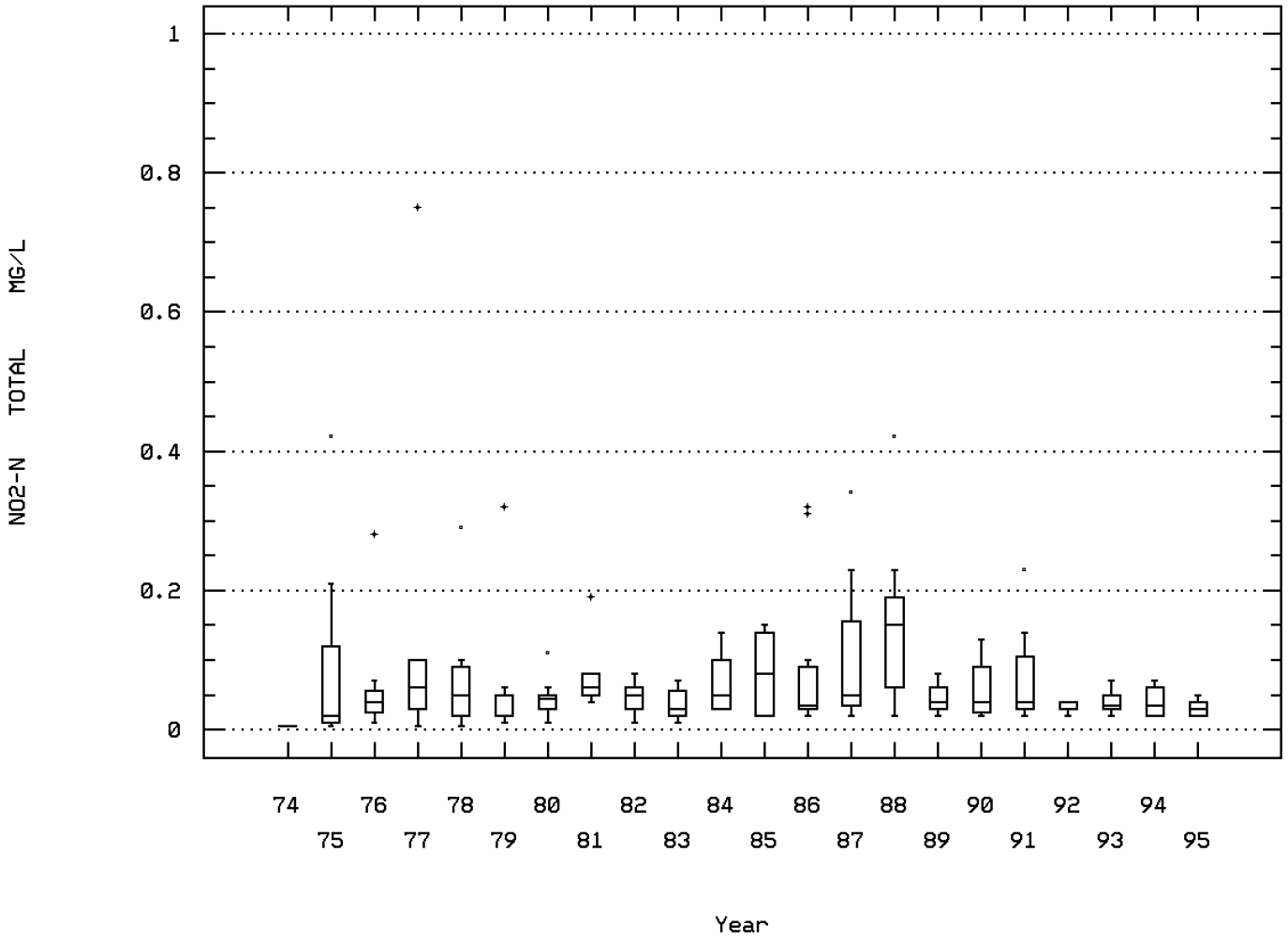
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00615

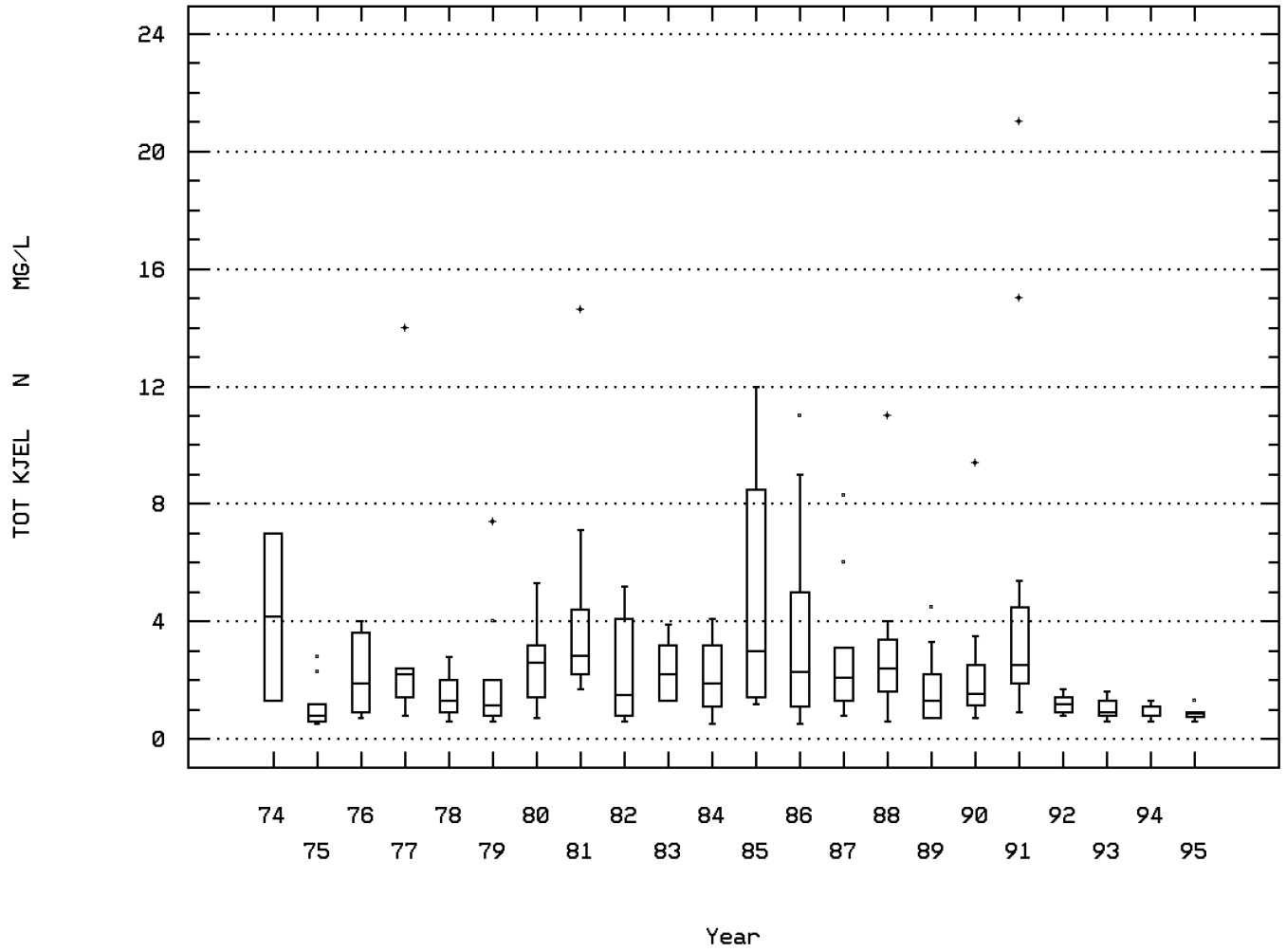
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00625

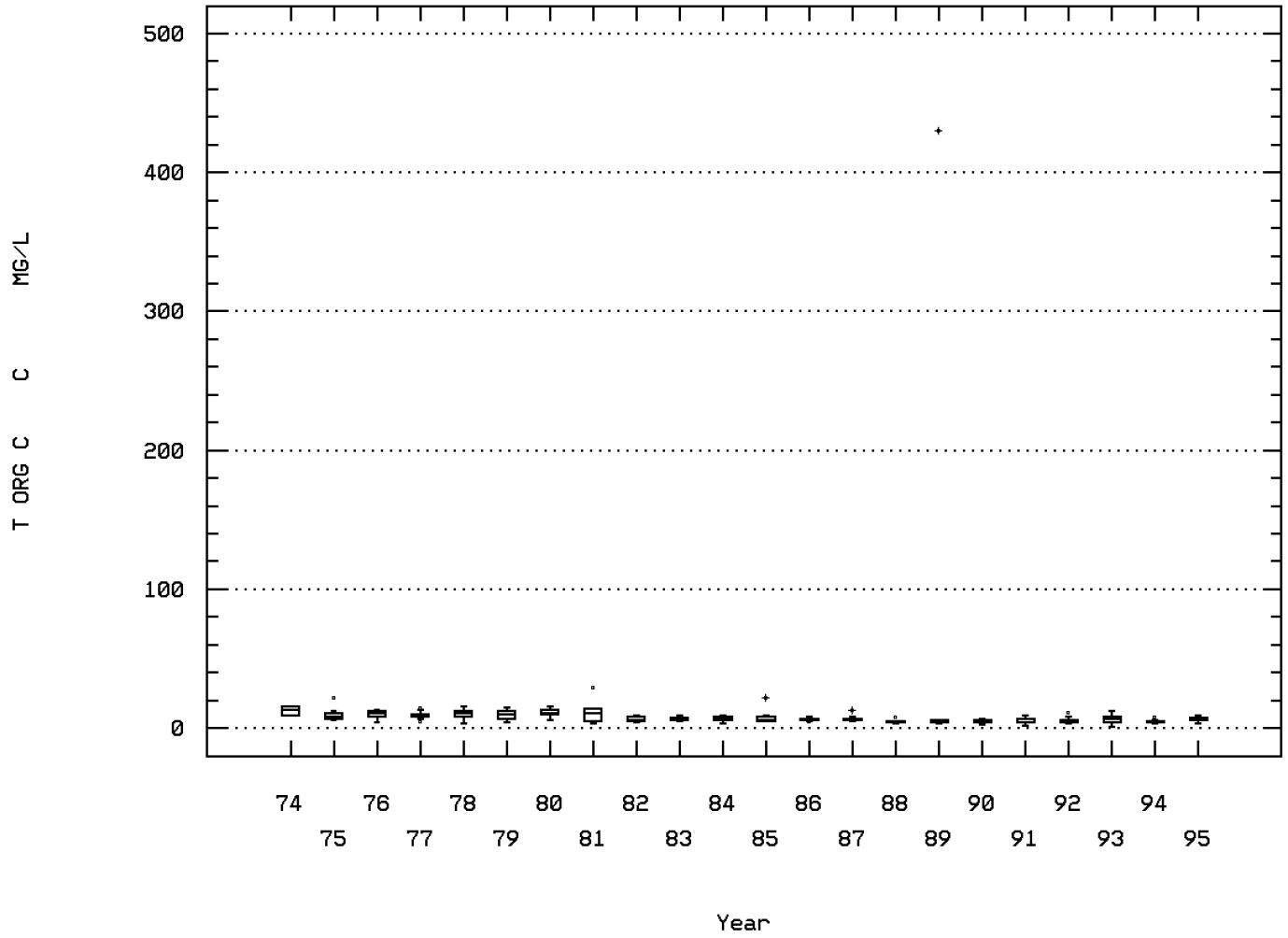
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHINGTON PARKWAY BRIDGE

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	86	24.3	23.245	31.5	2.9	27.202	5.216	15.81	20.375	26.725	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	37	10.2	14.089	37.	1.5	95.698	9.783	2.96	6.	21.5	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/18/95	10	0.605	2.677	18.	0.36	29.714	5.451	0.374	0.5	2.25	16.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	56	317.5	337.107	852.	95.	11488.716	107.185	241.3	292.	388.25	437.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	30	313.5	337.933	751.	202.	13354.685	115.562	253.2	284.	365.5	407.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	65	7.4	7.577	13.	2.8	5.299	2.302	4.38	6.2	9.	10.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	79	4.	4.863	13.	1.	6.77	2.602	2.	3.	6.	8.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	63	18.	18.659	34.	0.5	46.644	6.83	11.	15.	24.	28.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	84	7.55	7.6	9.8	2.3	0.902	0.95	6.65	7.2	8.	8.95
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	84	7.547	4.224	9.8	2.3	12.434	3.526	6.65	7.2	8.	8.95
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	84	0.028	59.728	5011.872	0.	299026.469	546.833	0.001	0.01	0.063	0.225
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	54	7.3	7.365	8.7	6.5	0.206	0.454	6.8	7.	7.625	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	54	7.3	7.171	8.7	6.5	0.244	0.494	6.8	7.	7.625	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	54	0.05	0.067	0.316	0.002	0.004	0.063	0.01	0.024	0.1	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	54	62.5	62.402	149.	0.7	418.415	20.455	45.	53.75	74.	79.5
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	37	223.	236.703	624.	156.	6082.548	77.991	182.8	209.5	238.5	282.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	37	61.	81.405	800.	35.	15071.803	122.767	38.6	46.	75.5	85.2
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	37	159.	176.135	542.	109.	4872.62	69.804	127.4	148.	186.5	203.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	80	24.	36.894	900.	2.5	9876.08	99.378	5.	16.25	34.75	44.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	80	6.	6.725	22.	0.	16.702	4.087	2.	4.	9.	11.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	80	17.	19.213	106.	0.	225.366	15.012	2.5	11.	26.	31.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	78	0.475	1.074	14.5	0.02	5.337	2.31	0.02	0.05	1.299	1.899
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	79	0.07	0.11	0.75	0.005	0.013	0.115	0.03	0.05	0.13	0.23
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	69	1.2	1.287	3.06	0.1	0.359	0.6	0.53	0.89	1.6	2.17
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	78	1.245	2.019	21.	0.5	8.392	2.897	0.7	0.9	2.299	2.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	62	0.1	0.124	1.1	0.03	0.019	0.137	0.05	0.05	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	48	0.03	0.033	0.09	0.01	0.	0.018	0.019	0.02	0.04	0.061
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	79	7.	7.854	16.	2.9	10.856	3.295	4.2	5.2	10.	13.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	39	118.	118.641	190.	80.	339.815	18.434	96.	108.	126.	140.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	53	34.	41.019	125.	9.	573.98	23.958	18.4	25.5	50.5	72.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	28	35.5	37.643	65.	20.	89.497	9.46	27.	32.25	42.	46.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	32	3.8	3.939	10.	0.05	6.867	2.621	0.93	1.725	5.8	8.35
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	64	96.5	412.5	8000.	20.	1394081.905	1180.712	50.	50.	200.	865.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	64	1.984	2.081	3.903	1.301	0.296	0.544	1.699	1.699	2.301	2.936
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			120.634								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/82-09/26/94	37	42.68	103.274	515.69	2.15	20854.984	144.413	7.526	17.86	104.755	423.336
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	36	28.315	69.32	343.81	1.	9278.274	96.324	3.959	13.795	70.373	277.53
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	36	11.08	55.521	262.23	1.31	7675.665	87.611	2.234	4.363	43.295	227.027
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/19/82-09/26/94	37	1.43	1.405	1.73	0.53	0.043	0.208	1.2	1.315	1.525	1.64
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	28	0.1	0.146	0.85	0.	0.039	0.199	0.	0.	0.2	0.33
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	31	0.03	0.045	0.5	0.005	0.008	0.088	0.005	0.01	0.03	0.09

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	94	6.05	6.363	16.	0.5	14.442	3.8	1.1	3.5	9.	11.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	45	22.	27.107	110.	1.8	519.938	22.802	4.46	12.25	32.5	63.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/18/95	6	3.	4.975	18.	0.1	44.214	6.649	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	67	336.	354.507	820.	149.	13820.829	117.562	225.	276.	402.	521.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	24	299.5	290.417	417.	147.	5677.471	75.349	181.	236.25	341.	398.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	73	10.5	10.479	14.	6.5	2.995	1.731	8.08	9.45	11.55	12.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	90	3.5	4.236	14.	1.	6.203	2.49	2.	3.	5.	7.9
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	74	16.	17.115	38.	0.5	52.031	7.213	9.	12.	21.25	28.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	90	7.2	7.183	9.1	6.1	0.32	0.566	6.5	6.775	7.5	7.772
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	90	7.2	6.892	9.1	6.1	0.405	0.637	6.5	6.775	7.5	7.772

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	90	0.063	0.128	0.794	0.001	0.024	0.155	0.017	0.032	0.169	0.316
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	58	7.2	7.243	8.5	6.4	0.224	0.474	6.69	6.9	7.525	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	58	7.2	7.035	8.5	6.4	0.268	0.518	6.69	6.9	7.525	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	58	0.063	0.092	0.398	0.003	0.008	0.089	0.01	0.03	0.126	0.205
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	58	62.	60.517	111.	7.	484.465	22.011	31.8	44.5	77.	87.2
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	33	197.	217.636	377.	138.	2688.239	51.848	174.8	183.	243.5	299.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	32	50.	51.719	84.	30.	167.564	12.945	35.3	42.25	58.5	71.4
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	33	155.	165.758	307.	93.	2044.439	45.215	126.8	139.	183.5	245.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	86	18.	24.884	98.	2.	455.927	21.352	5.7	10.75	33.25	53.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	87	5.	5.667	25.	0.	17.562	4.191	2.	3.	8.	11.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	87	13.	19.391	88.	0.	335.415	18.314	2.9	7.	26.	45.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	90	1.425	2.32	14.	0.02	7.215	2.686	0.223	0.577	3.125	5.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	89	0.03	0.039	0.34	0.005	0.002	0.042	0.01	0.02	0.05	0.06
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	80	1.54	1.589	3.01	0.07	0.296	0.544	0.999	1.213	1.873	2.429
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	90	2.	3.121	14.6	0.6	9.228	3.038	0.7	1.1	4.	7.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	72	0.1	0.109	0.2	0.05	0.003	0.052	0.05	0.063	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	58	0.06	0.071	0.36	0.005	0.002	0.049	0.02	0.048	0.083	0.111
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	87	6.	7.146	29.	0.5	17.004	4.124	3.3	4.8	9.	13.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	37	107.	103.23	162.	37.5	820.342	28.642	68.	81.	125.	140.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	56	35.	37.804	106.	11.	438.67	20.944	16.	22.25	50.25	62.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	30	32.5	33.667	65.	15.	107.057	10.347	20.3	26.75	37.25	49.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	34	6.6	6.729	13.4	0.7	7.662	2.768	3.4	4.825	8.575	10.75
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	78 ##	50.	316.256	4600.	1.5	663556.394	814.59	15.	50.	94.75	930.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	78 ##	1.699	1.842	3.663	0.176	0.453	0.673	1.176	1.699	1.976	2.968
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.506								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	29	0.	0.041	0.2	0.	0.005	0.073	0.	0.	0.1	0.2
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	32	0.055	0.08	0.8	0.005	0.019	0.137	0.007	0.023	0.087	0.128

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Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0036

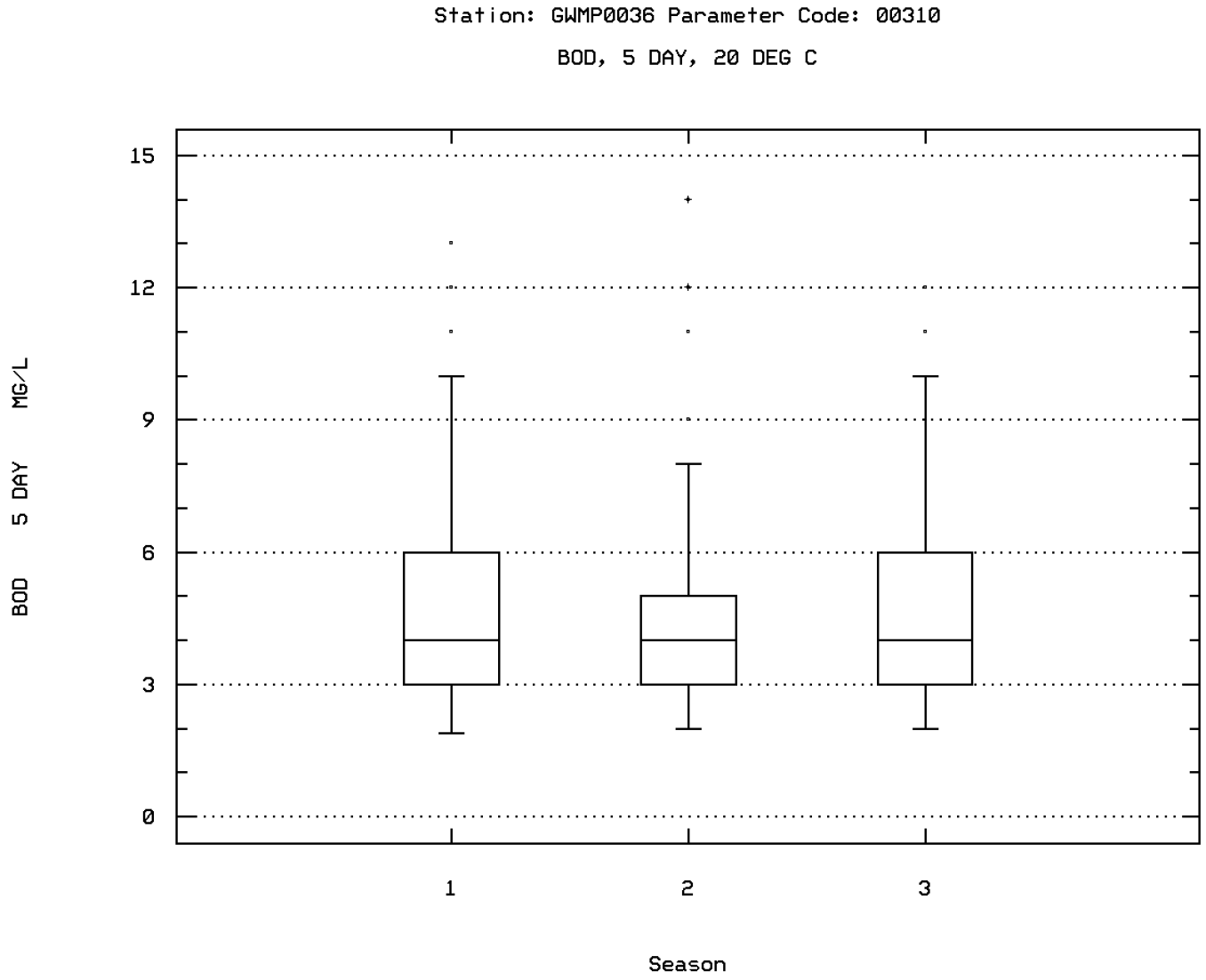
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	64	19.85	19.627	33.5	9.7	28.251	5.315	12.15	16.	23.7	26.25
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	26	21.	23.758	70.	6.8	217.049	14.733	7.57	11.9	30.75	43.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/18/95	7	0.55	0.829	2.	0.25	0.364	0.603	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	42	264.	274.714	466.	159.	3902.063	62.466	207.6	228.75	299.75	370.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	21	260.	267.333	338.	184.	2035.333	45.115	191.2	238.	308.5	326.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-10/02/91	47	8.1	8.643	15.5	4.4	5.123	2.263	5.8	6.9	10.2	11.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	60	4.	4.682	12.	1.	6.363	2.523	2.	3.	6.	8.9
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	47	15.	14.713	29.	0.5	43.421	6.589	6.	9.	19.	24.2
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	59	7.5	7.592	9.6	6.4	0.663	0.814	6.7	7.	8.	9.
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	59	7.5	7.132	9.6	6.4	0.877	0.937	6.7	7.	8.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	59	0.032	0.074	0.398	0.	0.008	0.089	0.001	0.01	0.1	0.2
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	39	7.4	7.413	8.6	6.5	0.206	0.454	6.9	7.1	7.7	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	39	7.4	7.22	8.6	6.5	0.244	0.494	6.9	7.1	7.7	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	39	0.04	0.06	0.316	0.003	0.003	0.059	0.008	0.02	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	39	60.	61.	91.	33.	213.947	14.627	42.	48.	73.	80.
00500	RESIDUE, TOTAL (MG/L)	04/18/75-11/07/95	28	199.5	199.821	250.	161.	591.93	24.33	163.7	178.75	220.	225.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/18/75-11/07/95	28	50.	49.5	79.	20.	187.148	13.68	28.9	43.25	57.75	66.5
00510	RESIDUE, TOTAL FIXED (MG/L)	04/18/75-11/07/95	28	150.	150.321	193.	103.	461.93	21.493	119.3	139.25	169.	173.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/18/75-11/07/95	64	35.	36.375	96.	10.	262.714	16.208	20.	25.	43.75	61.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/18/75-11/07/95	64	7.	7.875	24.	1.	15.444	3.93	3.5	5.	10.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/18/75-11/07/95	64	28.5	28.5	72.	4.	207.206	14.395	9.5	18.25	35.	50.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-11/07/95	60	0.6	0.967	8.5	0.02	1.79	1.338	0.02	0.12	1.275	2.49
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	61	0.04	0.064	1.	0.01	0.017	0.129	0.02	0.03	0.06	0.08
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	53	1.1	1.119	2.07	0.21	0.113	0.336	0.708	0.88	1.4	1.496

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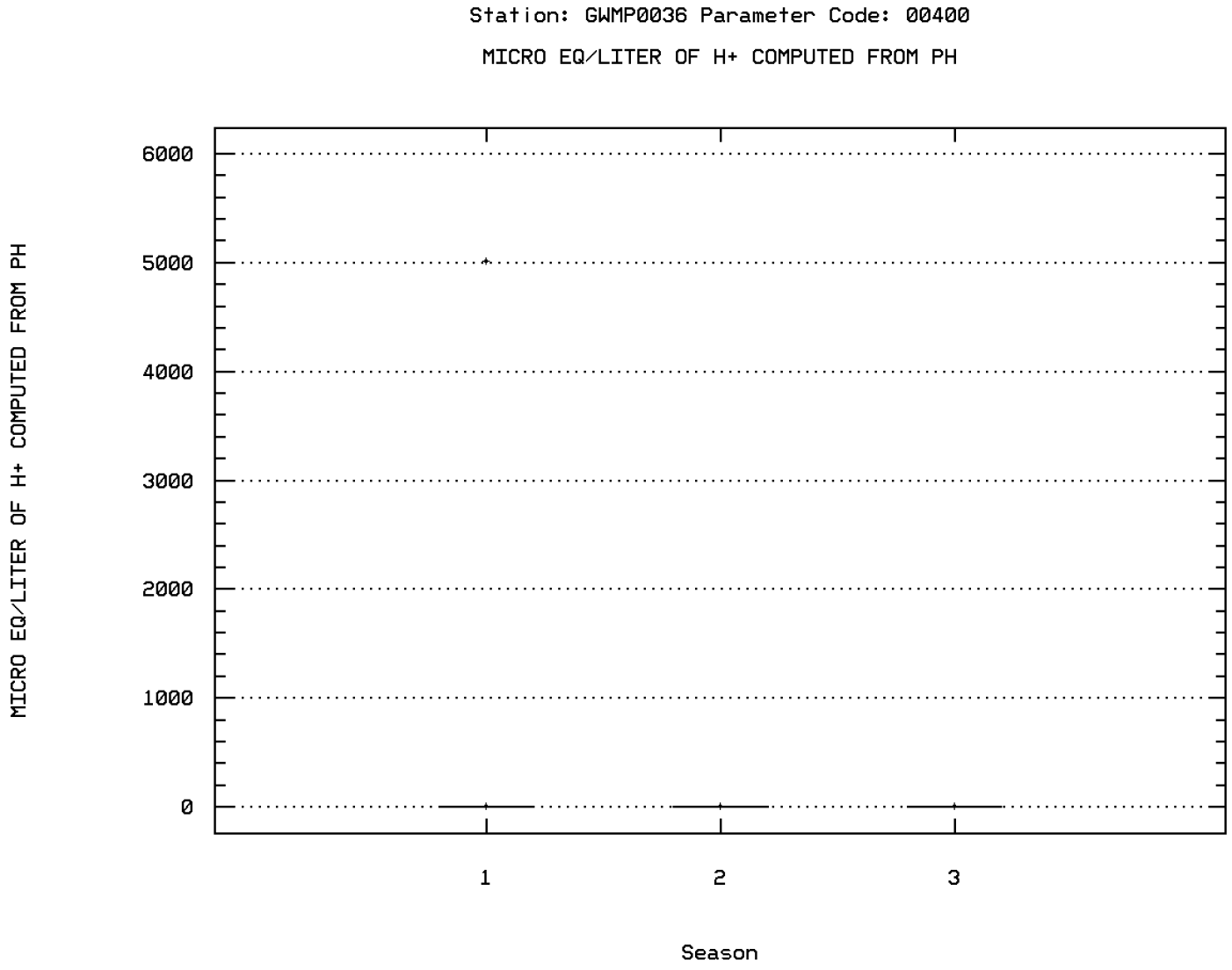
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-11/07/95	61	1.2	1.764	10.	0.5	2.192	1.48	0.8	0.9	2.15	3.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	46	0.1	0.113	0.2	0.05	0.003	0.053	0.05	0.1	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	35	0.04	0.045	0.12	0.005	0.001	0.026	0.01	0.02	0.06	0.08
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	61	6.8	14.115	430.	3.	2940.803	54.229	3.72	5.	9.	11.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	22	105.	104.864	144.	76.	361.933	19.025	79.2	89.	117.75	134.1
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	38	16.	21.289	99.	6.	290.806	17.053	9.	11.75	23.	43.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	19	29.	28.368	35.	21.	16.023	4.003	23.	24.	32.	33.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	24	4.2	4.642	10.5	0.005	8.482	2.912	0.95	1.925	7.2	8.65
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	52	91.5	442.731	5400.	9.	1373385.338	1171.915	28.1	50.	175.	1170.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	52	1.961	2.013	3.732	0.954	0.361	0.601	1.434	1.699	2.226	3.004
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			103.034								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/82-09/26/94	25	16.55	60.289	416.25	2.06	8559.094	92.515	4.51	8.14	93.215	167.582
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	25	12.22	35.078	238.3	1.44	2813.101	53.039	1.84	3.26	52.235	98.608
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/82-09/26/94	25	12.67	40.054	277.55	0.085	3961.778	62.943	1.158	4.56	59.335	121.894
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/19/82-09/26/94	25	1.34	1.346	1.75	0.99	0.042	0.205	1.05	1.2	1.51	1.664
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	24	0.	0.104	1.	0.	0.051	0.226	0.	0.	0.1	0.4
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	25	0.04	0.047	0.19	0.005	0.002	0.041	0.01	0.02	0.07	0.1

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



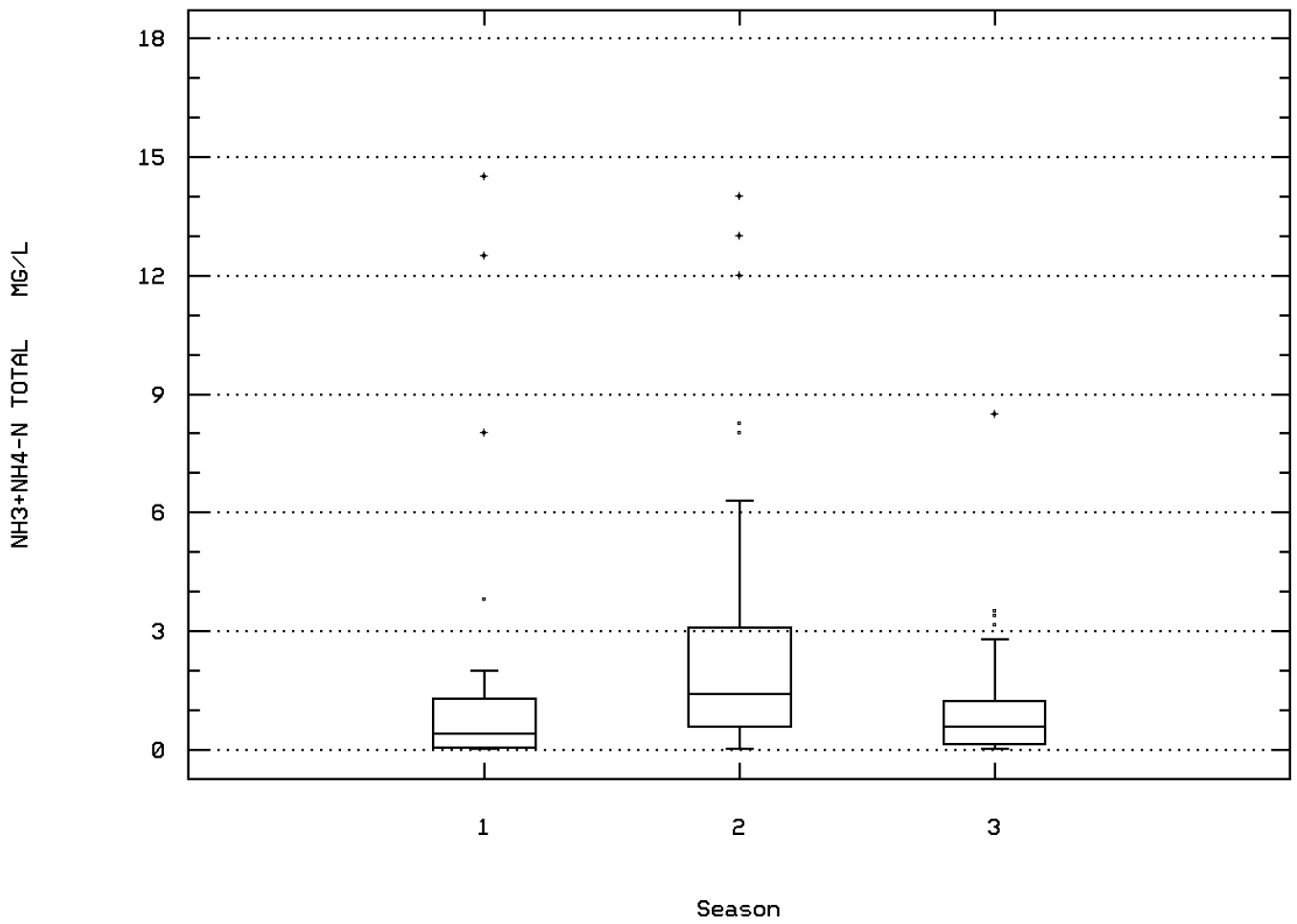
GEORGE WASHINGTON PARKWAY BRIDGE



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00610

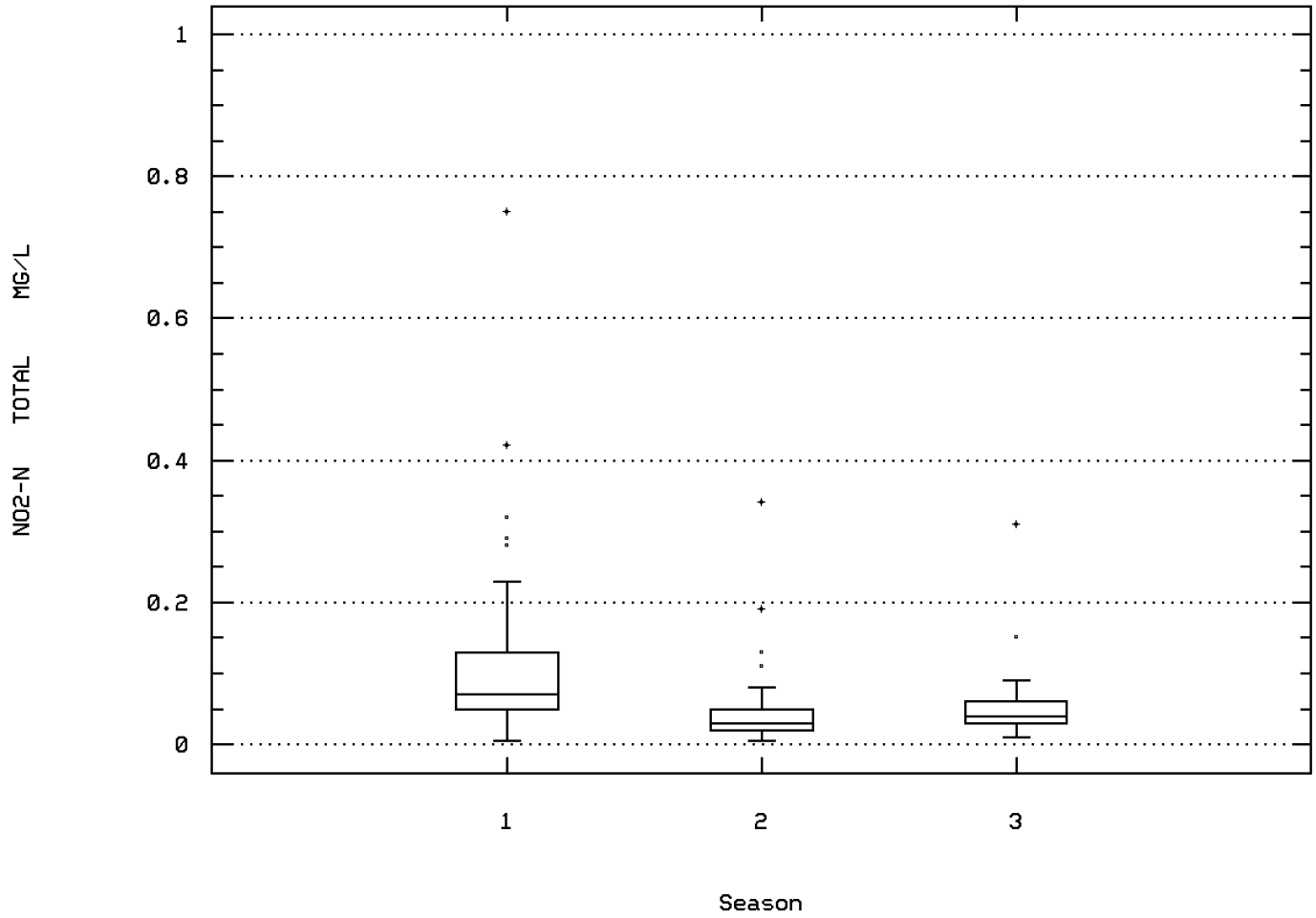
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00615

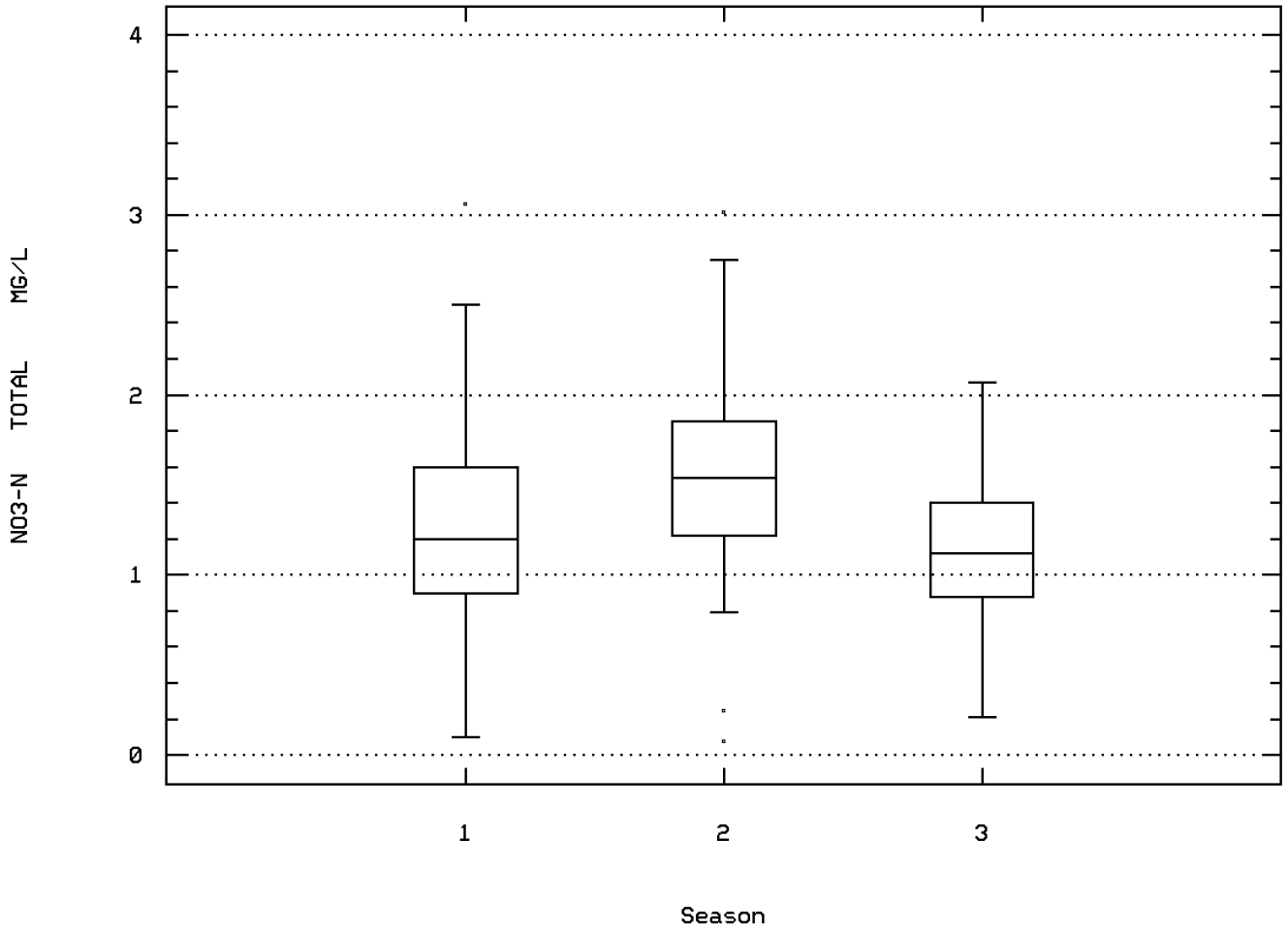
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00620

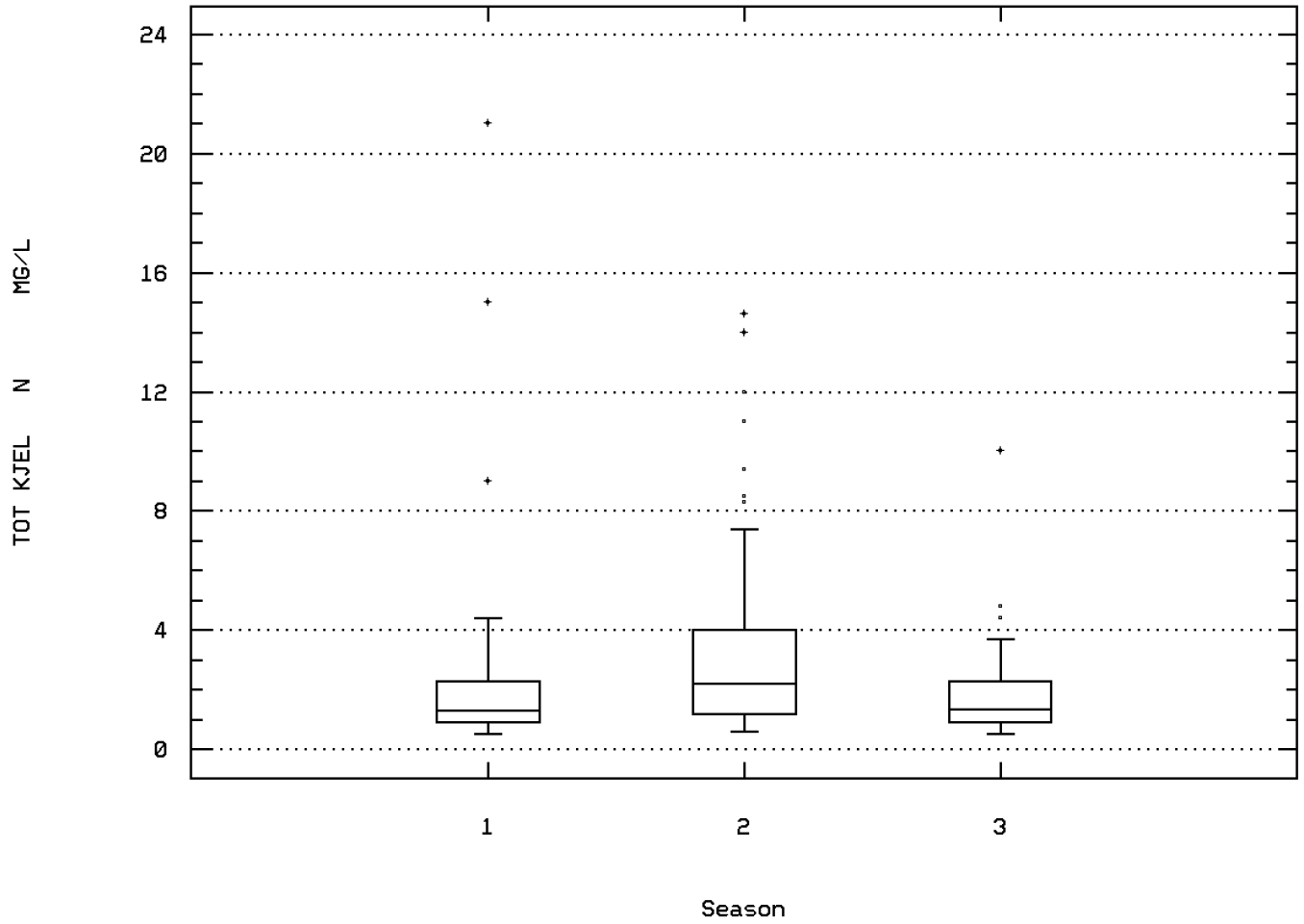
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00625

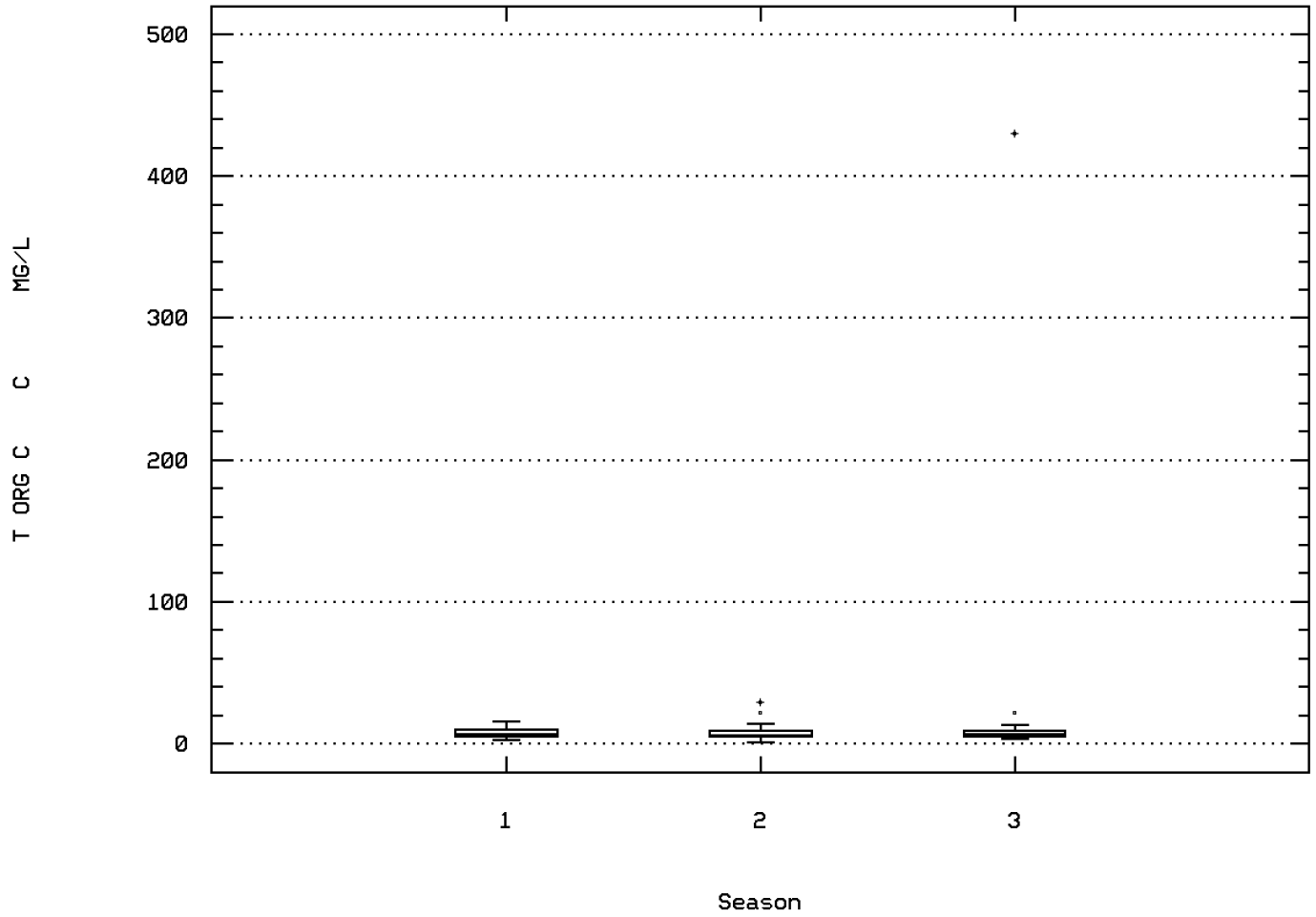
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 00680

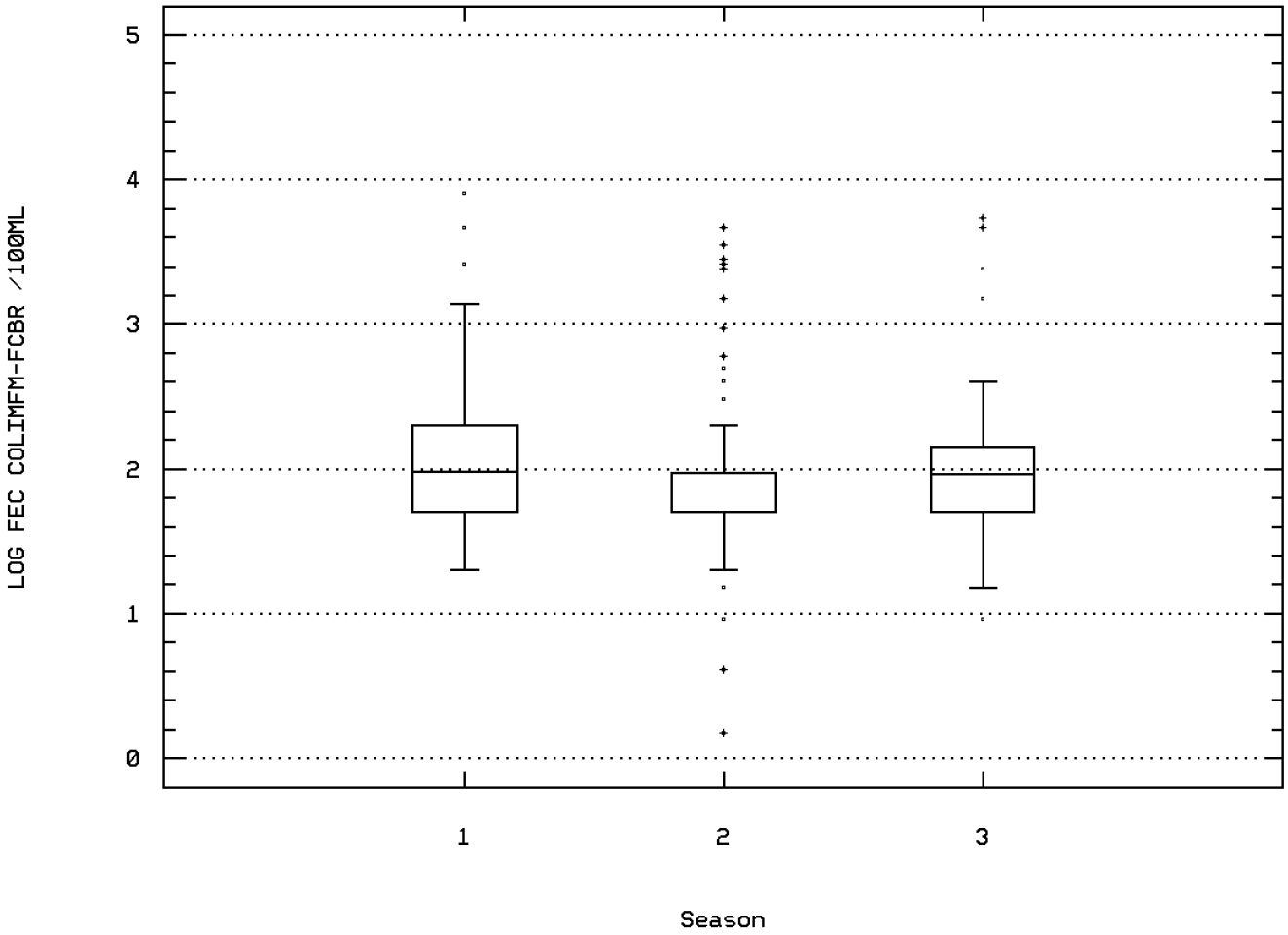
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 31616

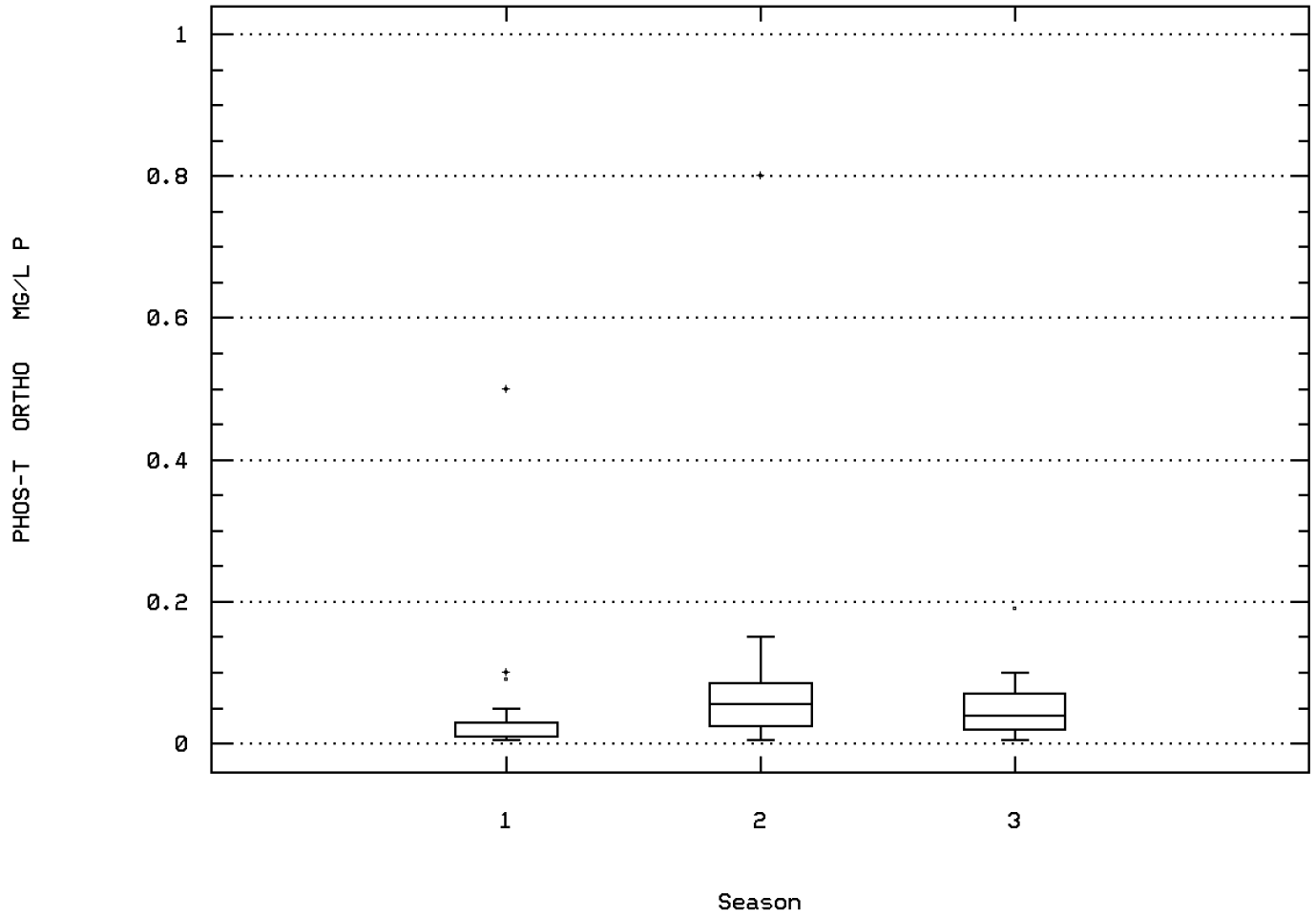
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASHINGTON PARKWAY BRIDGE

Station: GWMP0036 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



GEORGE WASHINGTON PARKWAY BRIDGE

Station Inventory for Station: GWMP0037

NPS Station ID: GWMP0037
LAT/LON: 38.712781/ -77.074726
Agency: 21VASWCB
Date Created: 05/09/81
Location: LITTLE HUNTING CREEK
FIPS State/County: 51149 VIRGINIA/PRINCE GEORGE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): XFB2557 /X319750 /Y4286900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010012
RF1 Mile Point: 13.210
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001005.48
RF3 Mile Point: 9.32
Distance from RF3: 0.31
On/Off RF3:
Description:
VA SWCB CORE NETWORK STATION 14

Parameter Inventory for Station: GWMP0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71918	ARSENIC,TOTAL IN FISH,DRY WEIGHT BASIS	08/01/79-08/13/80	6	1.145	1.208	2.5	0.16	1.145	1.07	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-08/13/80	6	0.105	0.095	0.14	0.02	0.002	0.047	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	6	1.6	2.067	3.9	1.	1.467	1.211	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	6	8.	10.557	23.9	2.94	66.649	8.164	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/01/79-08/13/80	6	1.7	1.587	1.74	1.1	0.061	0.247	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/01/79-08/13/80	6	0.1	0.125	0.19	0.1	0.002	0.04	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/01/79-08/13/80	6	5.	5.	5.	5.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GWMP0038

NPS Station ID: GWMP0038
LAT/LON: 38.721948/ -77.031393
Agency: 112WRD
Date Created: 12/02/81
Location: POTOMAC RIVER AT HATTON POINT
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384318077020300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070011
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070011
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 02070010001513.59
RF3 Mile Point: 13.59
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-10/14/83	839	28.	26.027	32.7	0.	36.071	6.006	20.8	25.7	29.3	29.8
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	08/04/80-08/26/81	178	3.85	3.642	11.5	0.	13.893	3.727	0.	0.	7.	8.55
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-11/09/83	385	23.	17.719	70.	0.	215.26	14.672	0.	0.	30.	34.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	827	305.	321.011	564.	187.	3436.849	58.625	269.	281.	353.	401.2
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/10/81	22	2.8	2.143	4.75	0.	2.646	1.627	0.	0.	3.225	4.28
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-08/26/81	175	0.5	0.602	8.	0.	0.741	0.861	0.	0.	1.	1.4
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/05/80-08/26/81	176	87.	383.756	2200.	0.	287822.736	536.491	0.	0.	700.	1121.
00300	OXYGEN, DISSOLVED MG/L	10/06/79-10/14/83	839	5.1	5.54	16.	0.	4.426	2.104	3.6	4.1	6.5	8.3
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/29/79-09/22/81	79	0.	-0.051	1.7	-2.	0.115	0.339	0.	0.	0.	-0.3
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/29/79-09/22/81	75	9.1	8.259	22.	0.	24.244	4.924	0.	5.8	12.	13.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/29/79-09/22/81	78	5.3	5.296	11.	0.	4.173	2.043	2.89	3.875	6.4	8.
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/29/79-09/22/81	61	5.	5.174	20.	0.	8.518	2.919	2.46	3.3	6.2	7.9
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/30/80-08/06/80	2	0.08	0.08	0.16	0.	0.013	0.113	**	**	**	**
00400	PH (STANDARD UNITS)	04/22/80-10/14/83	819	6.6	6.665	8.8	5.3	0.384	0.62	5.9	6.2	7.	7.5
00400	CONVERTED PH (STANDARD UNITS)	04/22/80-10/14/83	819	6.6	6.33	8.8	5.3	0.497	0.705	5.9	6.2	7.	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/80-10/14/83	819	0.251	0.467	5.012	0.002	0.397	0.63	0.032	0.1	0.631	1.259
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-07/31/81	11	0.	0.555	6.1	0.	3.383	1.839	0.	0.	0.	4.88
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/79-08/07/80	3	34.	43.667	70.	27.	532.333	23.072	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	78	2.3	2.341	4.3	1.3	0.322	0.568	1.79	1.975	2.525	3.12
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	25	0.66	0.631	1.1	0.	0.094	0.306	0.126	0.41	0.86	0.988
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/29/79-09/25/81	70	0.41	0.417	1.9	0.	0.068	0.261	0.09	0.3	0.52	0.62
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	78	0.46	0.55	1.4	0.005	0.146	0.382	0.089	0.198	0.86	1.11
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	25	0.33	0.436	1.4	0.	0.147	0.384	0.072	0.135	0.58	1.24
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	77	0.13	0.125	0.27	0.02	0.004	0.062	0.04	0.07	0.17	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-07/23/80	3	0.02	0.017	0.03	0.	0.	0.015	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	77	1.1	1.24	3.1	0.53	0.353	0.594	0.708	0.77	1.5	2.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/29/79-10/14/83	78	0.95	0.974	1.9	0.2	0.141	0.376	0.46	0.67	1.3	1.41
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/29/79-10/14/83	74	0.22	0.305	1.6	0.	0.089	0.299	0.	0.1	0.453	0.545
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/79-10/14/83	75	1.2	1.25	3.	0.5	0.162	0.403	0.806	1.	1.4	1.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/79-10/14/83	79	1.2	1.371	3.2	0.7	0.326	0.571	0.8	0.9	1.6	2.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/79-10/14/83	76	0.123	0.116	0.174	0.041	0.001	0.03	0.072	0.095	0.138	0.155

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

Parameter Inventory for Station: GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/79-10/14/83	79	0.039	0.04	0.104	0.001	0.	0.019	0.019	0.029	0.049	0.068
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-10/14/83	8	0.012	0.017	0.044	0.005	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/79-09/22/81	46	5.	5.215	14.	2.5	3.895	1.973	3.17	4.	5.8	6.88
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	35	3.4	3.551	8.7	2.3	0.935	0.967	3.02	3.2	3.7	4.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/25/81	5	100.	99.	130.	70.	705.	26.552	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/79-08/07/80	3	41.	39.333	43.	34.	22.333	4.726	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/79-08/25/81	5	30.	25.4	36.	14.	95.8	9.788	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/79-08/25/81	5	8.5	8.78	11.	7.1	1.977	1.406	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/79-08/25/81	5	18.	24.4	47.	16.	169.3	13.012	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/29/79-08/25/81	5	0.9	1.04	1.8	0.7	0.188	0.434	**	**	**	**
00932	SODIUM, PERCENT	08/29/79-08/25/81	5	33.	32.4	44.	24.	56.3	7.503	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/79-08/25/81	5	3.7	4.02	5.	3.3	0.497	0.705	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/25/81	6	20.5	27.833	72.	0.	599.367	24.482	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/25/81	5	43.	44.6	59.	37.	72.3	8.503	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	4	0.3	0.275	0.3	0.2	0.002	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/79-10/14/83	75	4.2	3.579	8.5	0.3	3.885	1.971	0.86	1.6	5.1	5.74
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	180.	180.	200.	160.	800.	28.284	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	287.5	643.45	4050.	0.	1044170.05	1021.846	0.	9.25	826.	2304.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	2.453	1.99	3.607	0.	1.49	1.221	0.	0.86	2.911	3.361
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			97.731								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	805.	1070.25	6100.	0.	1872397.25	1368.356	0.7	85.	1560.	2255.3
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	2.905	2.464	3.785	0.	1.182	1.087	0.085	1.866	3.193	3.352
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			290.961								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/08/79-11/09/83	583	23.3	30.001	135.3	0.	539.189	23.22	7.18	11.3	45.	63.08
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/29/79-10/06/79	5	14.4	13.44	22.4	3.2	49.408	7.029	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/08/79-11/09/83	583	10.4	11.606	85.4	-1.4	54.108	7.356	4.6	7.3	14.2	19.2
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/08/79-11/09/83	582	28.8	35.256	136.5	0.	560.344	23.672	11.	15.875	51.625	68.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/29/79-10/06/79	5	10.9	10.32	19.2	1.3	62.607	7.912	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	08/29/79-10/06/79	5	0.024	0.021	0.034	0.004	0.	0.012	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/05/79-09/22/81	66	5950.	10033.636	39000.	160.	92306531.189	9607.629	2020.	3675.	13250.	27050.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/79-08/25/81	6	152.	151.	254.	0.	7726.	87.898	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/79-08/25/81	6	0.205	0.207	0.35	0.	0.015	0.121	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-08/18/81	1	32.2	32.2	32.2	32.2	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-08/18/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	16	23.	21.756	44.	0.	110.817	10.527	5.67	16.	27.	37.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	29	1.41	3.074	28.7	0.	27.665	5.26	0.5	0.82	3.3	6.2
71100	SESTON, TOTAL - MG/L	08/29/79-08/20/80	23	25.5	25.043	34.	13.	29.771	5.456	17.7	21.	27.	34.
71101	SESTON, ASH FREE WGT (MG/L)	08/29/79-08/20/80	23	19.5	19.761	27.5	8.	21.474	4.634	12.9	17.	23.	25.4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	10	0.85	0.87	1.7	0.	0.347	0.589	0.03	0.3	1.525	1.69
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/29/79-09/25/81	70	0.83	0.762	1.8	0.03	0.236	0.486	0.15	0.34	1.1	1.49
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/29/79-09/25/81	67	4.4	5.084	13.	1.7	5.228	2.286	3.1	3.4	6.2	8.1
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/29/79-09/25/81	70	0.43	0.413	0.89	0.07	0.042	0.204	0.13	0.23	0.56	0.66
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/18/79-09/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/79-10/14/83	54	24.	25.315	68.	6.	91.163	9.548	16.5	18.	29.	35.5
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/29/79-09/22/81	61	0.23	0.283	1.1	0.	0.035	0.188	0.13	0.17	0.365	0.458
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/29/79-09/22/81	78	0.15	0.147	0.25	0.	0.002	0.044	0.1	0.118	0.18	0.21
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/29/79-09/22/81	79	0.	0.046	1.4	-1.3	0.069	0.262	0.	0.	0.	0.32
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/29/79-09/22/81	61	3.8	4.442	12.	0.	8.607	2.934	1.04	2.4	6.35	9.18
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	17	230.	4659.706	43000.	15.	130310913.971	11415.381	187.	230.	1500.	27800.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-10/16/81	17	2.362	2.815	4.633	1.176	0.702	0.838	2.125	2.362	3.176	4.431
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			652.389								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	17	4300.	5529.412	9300.	1500.	11428455.882	3380.6	1900.	2300.	9300.	9300.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-10/16/81	17	3.633	3.651	3.968	3.176	0.092	0.303	3.276	3.362	3.968	3.968
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			4476.869								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	5	31.	26.6	34.	17.	57.3	7.57	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	839	187	0.22	774	186	0.24	30	1	0.03	35	0	0.00			
00400	PH	Other-Hi Lim.	9.	819	0	0.00	755	0	0.00	29	0	0.00	35	0	0.00			
		Other-Lo Lim.	6.5	819	395	0.48	755	390	0.52	29	0	0.00	35	5	0.14			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	12	0.60	16	9	0.56	3	2	0.67	1	1	1.00			

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

Annual Analysis for 1979 - Station GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	9	215.	253.222	330.	205.	2764.944	52.583	205.	210.	312.	330.

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

Annual Analysis for 1980 - Station GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	471	290.	304.132	550.	187.	2440.332	49.4	269.	279.	310.	366.

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

Annual Analysis for 1981 - Station GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	279	328.	338.33	564.	203.	3699.028	60.82	272.	304.	368.	408.

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

Annual Analysis for 1983 - Station GWMP0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/79-10/14/83	68	373.5	375.838	488.	294.	2653.541	51.513	305.9	329.5	404.	479.6

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

Station Inventory for Station: GWMP0039

NPS Station ID: GWMP0039
LAT/LON: 38.724448/ -77.079726
Agency: 1113TIWQ
Date Created: / /
Location: FAIRFAX-LITTLE HUNTING CREEK STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 032 /032 /STP-E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010012
RF1 Mile Point: 12.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010058200.22
RF3 Mile Point: 1.50
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0039

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

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

Station Inventory for Station: GWMP0040

NPS Station ID: GWMP0040 LAT/LON: 38.725837/ -77.040282 Agency: 21VASWCB Date Created: 05/06/95
Location: LEFT SHORELINE BUOY #83 PRINCE GEORGE CO, MD. FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APOT102.74
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: POTOMAC RIVER SECTION: 06 TOPO MAP #: 0039 TOPO MAP NAME: MOUNT VERNON, VA - MD

Parameter Inventory for Station: GWMP0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/95-09/18/95	9	25.4	24.678	30.5	17.2	15.477	3.934	17.2	21.85	27.25	30.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/08/95-09/18/95	8	20.4	19.913	29.	12.3	23.858	4.885	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/08/95-09/18/95	9	0.5	0.579	0.74	0.4	0.018	0.133	0.4	0.475	0.71	0.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/08/95-09/18/95	9	296.	275.556	332.	203.	2433.528	49.331	203.	220.	315.5	332.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/08/95-09/18/95	8	300.5	286.75	385.	209.	3972.786	63.03	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/08/95-09/18/95	9	7.5	7.867	10.7	6.3	2.445	1.564	6.3	6.7	9.05	10.7
00400	PH (STANDARD UNITS)	05/08/95-09/18/95	8	7.55	7.488	7.8	6.8	0.087	0.295	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/95-09/18/95	8	7.547	7.366	7.8	6.8	0.104	0.322	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/95-09/18/95	8	0.028	0.043	0.158	0.016	0.002	0.047	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/08/95-09/18/95	8	210.5	198.875	256.	133.	1694.696	41.167	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/08/95-09/18/95	8	48.	48.375	64.	29.	158.554	12.592	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/08/95-09/18/95	8	155.5	150.5	208.	87.	1417.429	37.649	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/95-09/18/95	8	25.	26.375	45.	16.	84.554	9.195	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/08/95-09/18/95	8	3.5	4.125	7.	3.	2.411	1.553	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/08/95-09/18/95	8	21.5	22.25	38.	12.	63.929	7.996	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/08/95-09/05/95	4	0.175	0.195	0.41	0.02	0.026	0.161	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/08/95-09/05/95	4	0.04	0.045	0.07	0.03	0.	0.017	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/95-09/05/95	4	1.195	1.408	2.08	1.16	0.201	0.449	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/08/95-09/05/95	4	1.	2.1	6.	0.4	6.847	2.617	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/08/95-09/05/95	4	0.1	0.113	0.2	0.05	0.004	0.063	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/95-09/05/95	3	0.03	0.037	0.06	0.02	0.	0.021	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0040

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9	0	0.00	5	0	0.00				4	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GWMP0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			

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

Station Inventory for Station: GWMP0041

NPS Station ID: GWMP0041 LAT/LON: 38.732504/ -77.084171 Agency: 21VASWCB Date Created: / /
Location: STP FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ALIF001.19 /VA1A06-X0062/VA1A3X0062
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010012 RF1 Mile Point: 11.030 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010057800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: LITTLE HUNTING CK SECTION: 06 TOPO MAP #: 0039 TOPO MAP NAME: MOUNT VERNON, VA-MD

Parameter Inventory for Station: GWMP0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/70-08/29/74	32	15.85	17.266	29.4	5.6	36.313	6.026	8.48	13.3	21.925	25.09
00300	OXYGEN, DISSOLVED MG/L	03/05/70-08/29/74	33	8.6	8.506	11.2	5.4	1.912	1.383	6.76	7.35	9.4	10.36
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/70-02/11/74	5	6.9	10.78	21.	4.2	53.712	7.329	**	**	**	**
00400	PH (STANDARD UNITS)	03/05/70-08/29/74	33	6.8	6.842	7.5	5.8	0.096	0.31	6.54	6.7	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	03/05/70-08/29/74	33	6.8	6.707	7.5	5.8	0.115	0.339	6.54	6.7	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/70-08/29/74	33	0.158	0.196	1.585	0.032	0.067	0.259	0.05	0.1	0.2	0.29
00403	PH, LAB, STANDARD UNITS SU	03/05/70-04/06/70	2	6.85	6.85	7.1	6.6	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/05/70-04/06/70	2	6.782	6.782	7.1	6.6	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/70-04/06/70	2	0.165	0.165	0.251	0.079	0.015	0.121	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/70-04/06/70	2	49.	49.	55.	43.	72.	8.485	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/05/70-04/06/70	2	246.	246.	257.	235.	242.	15.556	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/70-04/06/70	2	52.	52.	62.	42.	200.	14.142	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/05/70-04/06/70	2	194.	194.	195.	193.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	25.	29.25	60.	7.	502.917	22.426	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	8.	10.5	20.	6.	41.	6.403	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/05/70-04/15/74	4	11.	18.75	52.	1.	580.25	24.088	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/70-08/29/74	32	14.5	13.067	27.	0.01	72.993	8.544	0.65	3.625	19.875	23.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/05/70-08/29/74	33	0.02	0.059	0.33	0.005	0.007	0.081	0.005	0.01	0.07	0.204
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/70-08/29/74	33	1.439	1.475	3.079	0.55	0.321	0.566	0.764	1.079	1.779	2.217
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/70-08/29/74	33	19.	16.021	32.	0.2	87.342	9.346	1.799	4.149	23.	25.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-03/01/72	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3 ##	2.5	1.833	2.5	0.5	1.333	1.155	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.4	5.	2.	1.8	1.342	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/70-05/21/74	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	04/06/70-05/21/74	11	20.	18.636	50.	5.	250.455	15.826	5.	5.	30.	48.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	10.	20.	90.	5.	718.75	26.81	5.	7.5	20.	90.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/06/70-04/06/70	1	159.9	159.9	159.9	159.9	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/06/70-05/21/74	10	20.	31.	120.	5.	1137.778	33.731	5.	8.75	40.	112.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/06/70-04/06/70	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/06/70-04/06/70	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1500.								

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

Parameter Inventory for Station: GWMP0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	31	100.	501.613	6000.	50.	1477247.312	1215.421	50.	50.	400.	1080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	31	2.	2.137	3.778	1.699	0.356	0.596	1.699	1.699	2.602	3.033
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			137.184								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	15	1.1	1.16	3.	0.	0.79	0.889	0.06	0.3	1.8	2.52
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/05/70-08/29/74	32	0.3	0.447	2.5	0.05	0.206	0.454	0.065	0.225	0.5	0.735
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/05/70-08/29/74	33	0.2	0.258	1.899	0.01	0.111	0.333	0.05	0.1	0.3	0.46
71875	HYDROGEN SULFIDE (MG/L)	10/05/72-10/05/72	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.305	0.8	0.25	0.03	0.174	0.25	0.25	0.25	0.745

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

EPA Water Quality Criteria Analysis for Station: GWMP0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	33	0	0.00	9	0	0.00	14	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	33	0	0.00	9	0	0.00	14	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	33	3	0.09	9	0	0.00	14	1	0.07	10	2	0.20			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	9	0	0.00	14	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	33	0	0.00	9	0	0.00	14	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	11	6	0.55	3	1	0.33	4	3	0.75	4	2	0.50			
		Drinking Water	1300.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	1	0.11	3	0	0.00	4	0	0.00	2	1	0.50			
		Drinking Water	15.	9	3	0.33	3	0	0.00	4	2	0.50	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	1	0.10	2	0	0.00	4	1	0.25	4	0	0.00			
		Drinking Water	5000.	10	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	31	10	0.32	9	6	0.67	13	3	0.23	9	1	0.11			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	15	14	0.93	6	6	1.00	4	3	0.75	5	5	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0042

NPS Station ID: GWMP0042
LAT/LON: 38.732504/ -77.084171
Agency: 21VASWCB
Date Created: 11/08/80
Location: LITTLE HUNTING CK, NEAR STP
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): XFB4051 /Y4289000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010012
RF1 Mile Point: 11.030
Distance from RF1: 0.50
On/Off RF1: OFF
RF3 Index: 02070010043300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
CHESAPEAKE BAY PROGRAM TISSUE AND SEDIMENT DATA ALL DATA FROM VIRGINIA STATE WATER CONTROL BOARD UNLESS OTHERWISE DESIGNATED
FISH KILL 70-049 DES LAB SHEET 14686 7-31-80/

Parameter Inventory for Station: GWMP0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	07/31/70-07/31/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/31/70-07/31/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GWMP0043

NPS Station ID: GWMP0043
LAT/LON: 38.733616/ -76.991392
Agency: 21MDPGHD
Date Created: / /
Location: BROAD C TRB-OXON HILL INDIN HD R
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-10 /243053 /PO-HB-10
RMI-Indexes: 0214001 002540 00040 0010
Within Park Boundary: No
RMI-Miles: 0101.80 0000.90 001.00 000.35
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002102.60
RF3 Mile Point: 2.66
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	64	13.25	12.609	26.	0.	57.901	7.609	2.5	6.	19.	22.75
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	62	8.4	8.44	15.	1.9	10.841	3.293	3.92	6.125	10.35	13.09
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	63	6.7	6.661	9.6	3.	0.772	0.879	5.716	6.2	7.2	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	63	6.7	4.786	9.6	3.	4.345	2.085	5.716	6.2	7.2	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	63	0.2	16.386	1000.	0.	15856.928	125.924	0.025	0.063	0.631	1.925
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	3.	4.8	16.	0.	41.7	6.458	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	14.	11.4	15.	2.	28.8	5.367	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	35	2300.	6736.371	93000.	23.	288664992.005	16990.144	222.	430.	4300.	14780.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	35	3.362	3.236	4.968	1.362	0.515	0.717	2.346	2.633	3.633	4.126
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1721.026								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	9300.	15535.783	150000.	93.	939230413.632	30646.866	738.	2300.	12000.	32600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	3.968	3.779	5.176	1.968	0.458	0.676	2.687	3.362	4.079	4.499
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6012.781								
31515	INVALID PARM	05/12/75-10/20/75	6	12650.	33321.667	150000.	430.	3365622816.667	58013.988	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	64	210.	4050.008	150000.	1.5	431055018.639	20761.865	4.	23.	670.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	64	2.322	2.142	5.176	0.176	1.124	1.06	0.602	1.362	2.815	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			138.552								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	6.4	6.24	6.7	5.7	0.213	0.462	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	7500.	7080.	12000.	2300.	14972000.	3869.367	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	93.	154.32	430.	3.6	31903.412	178.615	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62	6	0.10	21	4	0.19	26	1	0.04	15	1	0.07			
00400	PH	Other-Hi Lim.	9.	63	1	0.02	21	0	0.00	27	1	0.04	15	0	0.00			
		Other-Lo Lim.	6.5	62 &	29	0.47	20	7	0.35	27	12	0.44	15	10	0.67			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	35	21	0.60	10	7	0.70	17	8	0.47	8	6	0.75			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	21	0.91	6	5	0.83	12	11	0.92	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	64	33	0.52	20	15	0.75	29	10	0.34	15	8	0.53			

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

Annual Analysis for 1973 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	21.5	20.75	25.	15.	21.583	4.646	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	7.85	7.825	8.4	7.2	0.322	0.568	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.6	7.575	8.3	6.8	0.376	0.613	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.6	7.272	8.3	6.8	0.498	0.706	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.025	0.053	0.158	0.005	0.005	0.071	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	5	750.	30468.	150000.	230.	4465042520.	66820.974	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	5	2.875	3.203	5.176	2.362	1.272	1.128	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1595.756								

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

Annual Analysis for 1974 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	14.545	23.	6.	45.123	6.717	6.2	8.	21.	22.9
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	7.4	7.109	9.5	3.8	3.709	1.926	3.88	5.6	8.6	9.38
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.8	6.609	7.3	5.6	0.307	0.554	5.68	6.2	7.2	7.28
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.8	6.285	7.3	5.6	0.423	0.65	5.68	6.2	7.2	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.158	0.519	2.512	0.05	0.532	0.729	0.053	0.063	0.631	2.21
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	150.	390.136	2300.	1.5	467230.005	683.542	3.4	43.	230.	2026.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.176	2.031	3.362	0.176	0.756	0.869	0.349	1.633	2.362	3.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			107.374								

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

Annual Analysis for 1975 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	16.	13.091	22.	1.	63.141	7.946	1.3	5.	20.	21.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	6.8	7.709	12.1	2.4	13.359	3.655	2.4	5.3	11.6	12.06
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.5	6.182	6.9	3.	1.19	1.091	3.6	6.2	6.7	6.88
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.5	4.04	6.9	3.	6.237	2.497	3.6	6.2	6.7	6.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.316	91.262	1000.	0.126	90838.551	301.394	0.132	0.2	0.631	800.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	7524.091	75000.	9.	502307247.491	22412.212	11.8	93.	930.	60860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.632	4.875	0.954	1.12	1.058	1.036	1.968	2.968	4.627
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			428.34								

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

Annual Analysis for 1976 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	7.	9.818	20.	0.	65.364	8.085	0.	3.	19.	19.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	10.5	10.244	15.	3.6	21.93	4.683	3.6	4.95	14.6	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.8	6.826	7.9	5.7	0.787	0.887	5.71	5.807	7.713	7.885
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.704	6.222	7.9	5.7	1.193	1.092	5.71	5.807	7.712	7.885
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.198	0.6	1.995	0.013	0.618	0.786	0.013	0.019	1.558	1.954
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	150.	629.909	4300.	4.	1599421.491	1264.682	4.	15.	930.	3626.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.176	2.041	3.633	0.602	0.954	0.977	0.602	1.176	2.968	3.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			109.927								

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

Annual Analysis for 1977 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	9.5	12.	26.	2.	70.	8.367	2.1	5.25	20.	25.7
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	8.2	7.46	12.6	1.9	13.823	3.718	1.95	3.825	10.425	12.45
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.36	6.647	9.6	5.6	1.427	1.194	5.61	5.775	7.238	9.375
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.358	6.076	9.6	5.6	1.789	1.337	5.61	5.775	7.237	9.375
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.438	0.839	2.512	0.	0.806	0.898	0.005	0.058	1.687	2.46
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	43.	297.15	2300.	1.5	501659.003	708.279	3.65	23.	215.	2093.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	1.633	1.745	3.362	0.176	0.697	0.835	0.295	1.362	2.332	3.262
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			55.577								

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

Annual Analysis for 1978 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	12.5	12.857	24.	2.5	68.06	8.25	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	8.3	9.386	15.	5.4	11.018	3.319	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.829	7.3	6.	0.249	0.499	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.558	7.3	6.	0.334	0.578	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	7	0.1	0.277	1.	0.05	0.127	0.356	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	23.	608.571	2300.	1.5	855489.202	924.927	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	1.362	1.641	3.362	0.176	1.959	1.4	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.756								

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

Annual Analysis for 1979 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	10.	10.	10.3	9.7	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.75	6.75	7.	6.5	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.682	6.682	7.	6.5	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.208	0.208	0.316	0.1	0.023	0.153	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	2161.5	2161.5	4300.	23.	9146364.5	3024.296	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	2.498	2.498	3.633	1.362	2.58	1.606	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			314.484								

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

Annual Analysis for 1980 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.	11.625	22.	5.	35.125	5.927	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	9.2	9.563	13.3	6.8	5.22	2.285	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.655	6.574	7.55	5.66	0.544	0.738	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.628	6.143	7.55	5.66	0.756	0.87	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.236	0.72	2.188	0.028	0.756	0.87	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	93.	188.643	430.	1.5	32124.393	179.233	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	1.968	1.911	2.633	0.176	0.723	0.851	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			81.422								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	21	21.	19.81	26.	10.	16.137	4.017	13.1	18.25	22.5	24.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	21	5.6	5.895	10.	1.9	4.602	2.145	2.64	4.25	7.8	8.4
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	21	6.8	6.675	8.3	3.	1.32	1.149	5.6	6.15	7.6	7.87
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	21	6.8	4.318	8.3	3.	7.156	2.675	5.6	6.15	7.6	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	21	0.158	48.119	1000.	0.005	47569.693	218.105	0.014	0.025	0.751	2.512
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	20	410.	4498.475	75000.	1.5	276487826.828	16627.923	28.2	165.	930.	4100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	20	2.612	2.6	4.875	0.176	0.866	0.931	1.413	2.213	2.968	3.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			398.266								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	27	6.	5.796	16.	0.	13.947	3.735	1.	3.	8.	11.3
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	26	10.15	10.304	15.	2.4	8.163	2.857	7.08	8.325	12.325	14.44
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	27	6.7	6.755	9.6	5.7	0.612	0.782	5.8	6.2	7.2	7.47
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	27	6.7	6.348	9.6	5.7	0.784	0.885	5.8	6.2	7.2	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	27	0.2	0.449	1.995	0.	0.328	0.573	0.034	0.063	0.631	1.585
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	43.	5611.569	150000.	1.5	772385210.656	27791.819	1.5	13.	330.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	1.633	1.85	5.176	0.176	1.32	1.149	0.176	1.109	2.498	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.793								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	15.	14.656	24.	0.	36.891	6.074	4.2	11.	18.75	22.95
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	8.4	8.773	15.	2.4	9.801	3.131	4.38	6.8	11.1	13.98
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	6.4	6.471	7.6	5.66	0.342	0.585	5.708	6.	6.9	7.42
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	6.4	6.19	7.6	5.66	0.427	0.653	5.708	6.	6.9	7.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.398	0.646	2.188	0.025	0.435	0.66	0.04	0.126	1.	1.967
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	15	230.	433.033	2300.	1.5	388272.874	623.115	6.	23.	930.	1478.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	15	2.362	2.094	3.362	0.176	0.764	0.874	0.643	1.362	2.968	3.126
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			124.166								

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

Station Inventory for Station: GWMP0044

NPS Station ID: GWMP0044 LAT/LON: 38.738892/ -77.037504 Agency: 112WRD Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 84/86 BTWN RS AND HT FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 384420077021500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.30 On/Off RF1:
RF3 Index: 02070010001005.48 RF3 Mile Point: 9.32 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-10/14/83	5	31.	32.2	42.	24.	53.7	7.328	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-10/14/83	6	43.7	38.883	52.5	13.7	243.154	15.593	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-10/14/83	6	6.65	6.917	10.5	4.5	5.01	2.238	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-10/14/83	6	47.25	42.15	57.1	16.	263.947	16.246	**	**	**	**

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

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

Station Inventory for Station: GWMP0045

NPS Station ID: GWMP0045
LAT/LON: 38.739170/ -77.088892
Agency: 112WRD
Date Created: / /
Location: LITTLE HUNTING CREEK AT GUM SPRINGS, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 02070010059300.00
RF3 Mile Point: 0.40
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	2	23.5	23.5	27.	20.	24.5	4.95	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	2	16.	16.	20.	12.	32.	5.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	2	210.	210.	270.	150.	7200.	84.853	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	36.	36.	43.	29.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	2	44.	44.	53.	35.	162.	12.728	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	63.	63.	80.	46.	578.	24.042	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	2	27.	27.	36.	18.	162.	12.728	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	2	19.	19.	26.	12.	98.	9.899	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	2	3.75	3.75	3.9	3.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	2	14.15	14.15	20.	8.3	68.445	8.273	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-08/04/77	2	30.	30.	34.	26.	32.	5.657	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	2	4.1	4.1	4.7	3.5	0.72	0.849	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	2	28.5	28.5	39.	18.	220.5	14.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	2	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	2	400.	400.	600.	200.	80000.	282.843	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	2	142.	142.	176.	108.	2312.	48.083	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	2	123.	123.	153.	93.	1800.	42.426	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	2	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	2	0.195	0.195	0.24	0.15	0.004	0.064	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	2	1.05	1.05	1.3	0.8	0.125	0.354	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0046

NPS Station ID: GWMP0046 LAT/LON: 38.739448/ -77.089170 Agency: 21VASWCB Date Created: / /
Location: RT. 1 BRIDGE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ALIF002.48 /VA1A07-X0063/VA1A3X0063
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010057801.59 RF3 Mile Point: 1.83 Distance from RF3: 0.07 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: LITTLE HUNTING CR SECTION: 07 TOPO MAP #: 0039 TOPO MAP NAME: MOUNT VERNON, VA-MD

Parameter Inventory for Station: GWMP0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/08/85	29	16.1	14.641	30.	2.	73.921	8.598	2.8	5.3	22.	24.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-05/13/85	28	8.7	9.021	13.2	5.5	5.316	2.306	5.89	7.05	11.15	12.22
00400	PH (STANDARD UNITS)	09/19/74-07/08/85	30	7.3	7.257	9.	6.3	0.334	0.578	6.51	6.875	7.425	8.15
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/08/85	30	7.3	6.984	9.	6.3	0.41	0.641	6.51	6.875	7.425	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/08/85	30	0.05	0.104	0.501	0.001	0.014	0.119	0.008	0.038	0.134	0.31
00403	PH, LAB, STANDARD UNITS SU	05/13/85-07/08/85	3	6.7	6.8	7.1	6.6	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/85-07/08/85	3	6.7	6.753	7.1	6.6	0.073	0.271	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/85-07/08/85	3	0.2	0.177	0.251	0.079	0.008	0.088	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/85-07/08/85	3	35.	35.	48.	22.	169.	13.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-05/15/79	27 ##	0.05	0.093	0.3	0.005	0.005	0.069	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-05/15/79	27	0.02	0.02	0.06	0.005	0.	0.016	0.005	0.005	0.03	0.052
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-09/22/76	12	0.67	0.707	1.399	0.23	0.11	0.332	0.269	0.433	0.893	1.309
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-05/15/79	27	0.4	0.456	1.299	0.1	0.079	0.282	0.1	0.2	0.6	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/76-05/15/79	15	0.7	0.927	2.8	0.2	0.521	0.722	0.218	0.31	1.3	2.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-07/08/85	4	54.	55.	74.	38.	220.	14.832	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/18/77-11/27/78	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-11/27/78	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/75-11/27/78	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/15/75-11/27/78	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-11/27/78	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/15/75-11/27/78	4	60.	66.25	131.	14.	2600.25	50.993	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-11/27/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/15/75-11/27/78	4 ##	50.	38.75	50.	5.	506.25	22.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/15/75-11/27/78	4	60.	51.25	80.	5.	1106.25	33.26	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/15/79	26	450.	1250.	6000.	50.	2873200.	1695.052	50.	87.5	1900.	4500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/15/79	26	2.651	2.621	3.778	1.699	0.52	0.721	1.699	1.925	3.279	3.653
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			417.548								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	11/23/76-11/23/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-05/15/79	26 ##	0.075	0.085	0.3	0.005	0.003	0.058	0.05	0.05	0.1	0.13
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-05/15/79	26	0.03	0.042	0.2	0.005	0.002	0.042	0.005	0.01	0.05	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	05/15/75-03/27/78	3 ##	0.25	1.	2.5	0.25	1.688	1.299	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	10	0	0.00	12	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	30	1	0.03	11	1	0.09	12	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	30	3	0.10	11	0	0.00	12	2	0.17	7	1	0.14			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	27	0	0.00	10	0	0.00	12	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00				3	0	0.00						
		Drinking Water	50.	3	0	0.00				3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00				3	0	0.00	1	0	0.00			
		Drinking Water	1300.	4	0	0.00				3	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	1	0.25				3	1	0.33	1	0	0.00			
		Drinking Water	15.	4	3	0.75				3	2	0.67	1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00				3	0	0.00	1	0	0.00			
		Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00				3	0	0.00	1	0	0.00			
		Drinking Water	5000.	4	0	0.00				3	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	17	0.65	9	7	0.78	12	7	0.58	5	3	0.60			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2 &	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2 &	0	0.00				1	0	0.00	1	0	0.00			

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/08/85	11	21.7	19.736	30.	2.8	53.321	7.302	4.84	16.1	24.	29.22
00400	PH (STANDARD UNITS)	09/19/74-07/08/85	11	7.4	7.564	9.	6.6	0.425	0.652	6.72	7.3	7.6	8.9
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/08/85	11	7.4	7.265	9.	6.6	0.522	0.723	6.72	7.3	7.6	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/08/85	11	0.04	0.054	0.251	0.001	0.005	0.068	0.001	0.025	0.05	0.214

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/08/85	12	5.3	6.575	15.	2.	16.575	4.071	2.24	3.075	9.5	14.1
00400	PH (STANDARD UNITS)	09/19/74-07/08/85	12	6.95	6.958	7.4	6.4	0.104	0.323	6.43	6.8	7.3	7.37
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/08/85	12	6.947	6.847	7.4	6.4	0.118	0.343	6.43	6.8	7.3	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/08/85	12	0.113	0.142	0.398	0.04	0.012	0.111	0.043	0.05	0.158	0.374

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/08/85	6	21.55	21.433	23.5	19.	2.227	1.492	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/08/85	7	7.4	7.286	8.2	6.3	0.361	0.601	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/08/85	7	7.4	6.938	8.2	6.3	0.502	0.709	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/08/85	7	0.04	0.115	0.501	0.006	0.03	0.174	**	**	**	**

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

Station Inventory for Station: GWMP0047

NPS Station ID: GWMP0047
LAT/LON: 38.741948/ -77.000281
Agency: 21MDPGHD
Date Created: / /
Location: BROAD C TRB-OXON HILL FT WASH RD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-9 /243052 /PO-HB-9
RMI-Indexes: 0214001 002540 00040
Within Park Boundary: No
RMI-Miles: 0101.80 0000.90 000.59
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002106.28
RF3 Mile Point: 6.79
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	68	14.75	13.375	29.	0.	64.279	8.017	2.	6.	20.	24.05
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	66	10.15	10.303	15.	5.9	5.786	2.405	7.87	8.175	11.85	14.1
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.1	7.102	9.	5.4	0.403	0.635	6.4	6.76	7.4	7.95
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.1	6.641	9.	5.4	0.618	0.786	6.4	6.76	7.4	7.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	67	0.079	0.228	3.981	0.001	0.327	0.572	0.011	0.04	0.174	0.398
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	2.	4.6	15.	0.	35.8	5.983	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	13.4	15.	8.	9.3	3.05	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	39	7500.	23482.564	460000.	430.	5331686782.726	73018.4	930.	2300.	23000.	43000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	39	3.875	3.843	5.663	2.633	0.364	0.604	2.968	3.362	4.362	4.633
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6960.582								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	24	23000.	237913.75	2400000.	430.	447649167667.935	669065.892	2200.	2800.	43000.	1320000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	24	4.362	4.329	6.38	2.633	0.866	0.931	3.342	3.43	4.633	5.88
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21323.871								
31515	INVALID PARM	05/12/75-10/20/75	6	15150.	26016.667	93000.	2300.	1141165666.667	33781.144	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	1200.	54824.377	2400000.	9.99527463151.15		315479.735	93.	230.	4300.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	3.079	3.123	6.38	0.954	0.888	0.942	1.968	2.362	3.633	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1327.289								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	7.2	6.98	7.4	6.4	0.242	0.492	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	2300.	9806.	23000.	430.	124994180.	11180.08	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	230.	2066.42	9300.	9.1	16439218.432	4054.531	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0047

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	25	0	0.00	26	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	67	1	0.01	25	0	0.00	27	1	0.04	15	0	0.00			
		Other-Lo Lim.	6.5	67	12	0.18	25	4	0.16	27	6	0.22	15	2	0.13			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	39	35	0.90	14	13	0.93	17	15	0.88	8	7	0.88			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	24	23	0.96	6	6	1.00	12	11	0.92	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	69	60	0.87	24	24	1.00	29	21	0.72	16	15	0.94			

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

Annual Analysis for 1973 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	21.	21.	25.	17.	16.667	4.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	8.	8.025	8.2	7.9	0.016	0.126	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.3	7.15	7.5	6.5	0.223	0.473	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.255	6.94	7.5	6.5	0.282	0.531	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.056	0.115	0.316	0.032	0.019	0.136	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	680.	187412.667	1100000.	23.199	957802643.067	447166.415	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	2.801	3.223	6.041	1.362	2.938	1.714	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1669.349								

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

Annual Analysis for 1974 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	14.5	14.045	24.5	6.	43.173	6.571	6.2	8.	20.	24.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	10.	9.736	13.4	7.8	2.981	1.726	7.82	7.9	10.3	13.06
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	6.9	7.5	6.	0.258	0.508	6.04	6.5	7.4	7.48
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	6.617	7.5	6.	0.346	0.588	6.04	6.5	7.4	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.079	0.242	1.	0.032	0.096	0.309	0.033	0.04	0.316	0.926
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	1200.	220074.091	2400000.	75.522	735609044.091	723004.571	106.	430.	4300.	1921860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.079	3.298	6.38	1.875	1.376	1.173	1.972	2.633	3.633	5.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1984.207								

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

Annual Analysis for 1975 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	13.364	23.	2.	66.055	8.127	2.	5.	21.	22.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.5	9.964	13.8	7.2	4.215	2.053	7.34	8.1	11.8	13.44
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.9	6.955	7.7	6.4	0.169	0.411	6.4	6.7	7.4	7.64
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.9	6.801	7.7	6.4	0.195	0.441	6.4	6.7	7.4	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.126	0.158	0.398	0.02	0.017	0.131	0.024	0.04	0.2	0.398
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2300.	6490.	43000.	230.	153771960.	12400.482	230.	430.	4300.	36260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.362	3.325	4.633	2.362	0.479	0.692	2.362	2.633	3.633	4.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2112.689								

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

Annual Analysis for 1976 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	7.	10.727	25.	0.	91.818	9.582	0.	2.	20.	24.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	14.8	12.811	15.	8.6	7.376	2.716	8.6	9.95	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	7.296	8.2	6.4	0.478	0.691	6.41	6.545	7.963	8.195
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	6.901	8.2	6.4	0.651	0.807	6.41	6.545	7.962	8.195
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.063	0.126	0.398	0.006	0.022	0.147	0.006	0.011	0.286	0.39
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	750.	2380.455	15000.	9.	19253357.673	4387.865	15.8	93.	2300.	12860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.875	2.717	4.176	0.954	0.881	0.939	1.09	1.968	3.362	4.068
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			521.352								

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

Annual Analysis for 1977 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	11.	13.273	29.	2.	80.618	8.979	2.2	6.	20.	28.2
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	11.	10.755	13.6	7.1	5.047	2.246	7.28	8.2	13.1	13.5
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.89	7.014	9.	5.4	1.05	1.025	5.44	6.7	7.5	8.84
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.89	6.176	9.	5.4	1.822	1.35	5.44	6.7	7.5	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.129	0.668	3.981	0.001	1.738	1.318	0.002	0.032	0.2	3.687
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	230.	3653.909	23000.	93.	49047608.091	7003.4	104.4	230.	4300.	20260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.362	2.882	4.362	1.968	0.644	0.803	2.01	2.362	3.633	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			761.718								

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

Annual Analysis for 1978 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	14.5	13.429	26.	2.	82.369	9.076	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	10.7	10.314	15.	5.9	9.478	3.079	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.957	7.4	6.5	0.116	0.341	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.839	7.4	6.5	0.133	0.364	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	7	0.1	0.145	0.316	0.04	0.014	0.119	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	2300.	7721.857	23000.	93.	110908150.81	10531.294	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	3.362	3.327	4.362	1.968	0.782	0.884	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2123.305								

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

Annual Analysis for 1979 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	10.95	10.95	11.7	10.2	1.125	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	5115.	5115.	9300.	930.	35028450.	5918.484	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	3.468	3.468	3.968	2.968	0.5	0.707	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2940.918								

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

Annual Analysis for 1980 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	14.273	23.	5.	44.018	6.635	5.2	6.	20.	22.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.3	9.409	12.6	6.5	4.259	2.064	6.54	8.	11.7	12.42
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.3	7.456	8.85	6.79	0.344	0.587	6.812	7.15	7.6	8.71
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.3	7.235	8.85	6.79	0.398	0.631	6.812	7.15	7.6	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.05	0.058	0.162	0.001	0.002	0.048	0.003	0.025	0.071	0.155
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	1900.	3554.	23000.	230.	47454004.444	6888.687	250.	430.	2300.	20930.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	3.269	3.149	4.362	2.362	0.32	0.566	2.389	2.633	3.362	4.262
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1408.788								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	25	21.	20.24	29.	11.	18.607	4.314	14.	17.	23.	25.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	25	8.2	8.776	14.8	5.9	3.712	1.927	6.62	7.85	9.6	11.82
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.15	7.231	8.2	5.4	0.451	0.671	6.5	6.78	7.775	8.17
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.15	6.6	8.2	5.4	0.865	0.93	6.5	6.78	7.775	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	25	0.071	0.251	3.981	0.006	0.614	0.783	0.007	0.017	0.166	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	1500.	6613.333	43000.	230.	119314884.058	10923.135	230.	510.	8050.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	3.176	3.29	4.633	2.362	0.481	0.694	2.362	2.694	3.885	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1948.99								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	27	6.	5.722	15.	0.	15.026	3.876	1.8	2.	8.	12.1
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	26	11.7	11.831	15.	8.	4.443	2.108	8.24	10.2	13.45	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.1	7.097	9.	6.	0.443	0.665	6.36	6.56	7.4	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.1	6.763	9.	6.	0.559	0.747	6.36	6.56	7.4	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	27	0.079	0.173	1.	0.001	0.05	0.224	0.026	0.04	0.275	0.445
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	430.	85058.586	2400000.	9.198248315	556.894	445250.846	43.	121.5	2300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	2.633	2.853	6.38	0.954	1.138	1.067	1.633	2.072	3.362	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			713.071								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	17.	15.563	24.5	0.	42.229	6.498	4.2	11.125	20.	24.15
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.8	10.2	15.	7.9	4.057	2.014	7.9	8.2	11.7	13.38
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	6.9	6.896	7.5	5.6	0.229	0.479	6.08	6.7	7.3	7.44
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	6.9	6.535	7.5	5.6	0.368	0.607	6.08	6.7	7.3	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.126	0.292	2.512	0.032	0.387	0.622	0.037	0.05	0.2	1.244
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	1900.	72341.438	1100000.	93.75131228	631.729	274100.764	188.9	510.	4300.	346100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	3.269	3.362	6.041	1.968	0.918	0.958	2.244	2.694	3.633	4.866
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2300.23								

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

Station Inventory for Station: GWMP0048

NPS Station ID: GWMP0048
LAT/LON: 38.746670/ -77.017226
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BROAD CR. HALFWAY IN CR.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 015 /015 /6D
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 6.400
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002100.71
RF3 Mile Point: 2.33
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0048

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

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

Station Inventory for Station: GWMP0049

NPS Station ID: GWMP0049
LAT/LON: 38.747226/ -77.025004
Agency: 21VASWCB
Date Created: 07/18/81
Location: POTOMAC RIVER, BROAD CREEK
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): XFB04587 /X323950 /Y4290350
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ALTANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010018
RF1 Mile Point: 6.040
Distance from RF1: 0.90
On/Off RF1: OFF
RF3 Index: 02070010019200.00
RF3 Mile Point: 5.15
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FROM EPA TECH REPORT 35, ANNAPOLIS FIELD OFFICE, APRIL 1971, JAWORSKI ET AL/

Parameter Inventory for Station: GWMP0049

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

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

Station Inventory for Station: GWMP0050

NPS Station ID: GWMP0050
LAT/LON: 38.747781/ -77.026115
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BROAD CR. OPP.IND.QUEEN
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 014 /014 /6C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010020
RF1 Mile Point: 0.650
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.59
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0050

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

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

Station Inventory for Station: GWMP0051

NPS Station ID: GWMP0051
LAT/LON: 38.748892/ -77.036948
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. BROAD CREEK EMBAYMENT
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 006 /006 /POTO-06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010020
RF1 Mile Point: 0.010
Distance from RF1: 13.00
On/Off RF1: OFF
RF3 Index: 02070011007800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.96
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0051

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

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

Station Inventory for Station: GWMP0052

NPS Station ID: GWMP0052
LAT/LON: 38.750005/ -77.034726
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BROAD C. CHAN S OF N"86"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 013 /013 /6B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010020
RF1 Mile Point: 0.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001004.25
RF3 Mile Point: 4.34
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0052

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

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

Station Inventory for Station: GWMP0053

NPS Station ID: GWMP0053
Location: BROAD CREEK-STATION 6
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010001400.22
Description:
BROAD CREEK-STATION 6

LAT/LON: 38.750005/ -77.036670

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.21

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078640520102
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.10
Distance from RF3: 0.33

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0053

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

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

Station Inventory for Station: GWMP0054

NPS Station ID: GWMP0054
Location: BROAD CREEK-STATION 6
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010057101.13
Description:
BROAD CREEK-STATION 6

LAT/LON: 38.750005/ -77.036670

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 3.75

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078740520102
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.60
Distance from RF3: 0.47

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0054

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

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

Station Inventory for Station: GWMP0055

NPS Station ID: GWMP0055
LAT/LON: 38.750005/ -77.050560
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC RIVER AT ROSIER BLUFF
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101035.0 /Z
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0089.90
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0055

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

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

Station Inventory for Station: GWMP0056

NPS Station ID: GWMP0056
LAT/LON: 38.750005/ -77.050560
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROSIER BLUFF TRANS Z2
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101035.2 /Z-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010016000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
TRANSECT STATION LOCATED 200 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0056

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

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

Station Inventory for Station: GWMP0057

NPS Station ID: GWMP0057
LAT/LON: 38.750005/ -77.050560
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROSIER BLUFF TRANS Z4
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101035.4 /Z-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010016000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
TRANSECT STATION LOCATED 250 YARDS OFF BLUE "CAN"

Parameter Inventory for Station: GWMP0057

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

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

Station Inventory for Station: GWMP0058

NPS Station ID: GWMP0058
LAT/LON: 38.750005/ -77.050560
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROSIER BLUFF TRANS Z6
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101035.6 /Z-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 32
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010016000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0058

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

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

Station Inventory for Station: GWMP0059

NPS Station ID: GWMP0059
LAT/LON: 38.750005/ -77.050560
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROSIER BLUFF TRANS Z8
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101035.8 /Z-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC AT ROSIER BLUFF TRANS Z8
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010016000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
TRANSECT STATION LOCATED 20 FEET FROM RED BOUY

Parameter Inventory for Station: GWMP0059

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

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

Station Inventory for Station: GWMP0060

NPS Station ID: GWMP0060 LAT/LON: 38.751670/ -77.058616 Agency: 21VASWCB Date Created: 03/13/93
Location: ROUTE 626 (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APAU001.17
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: PAUL SPRING BRANCH SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/87-11/18/87	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/18/87-11/18/87	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/18/87-11/18/87	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/18/87-11/18/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	11/18/87-11/18/87	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/18/87-11/18/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/18/87-11/18/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/18/87-11/18/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/18/87-11/18/87	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/18/87-11/18/87	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/18/87-11/18/87	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/87-11/18/87	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/18/87-11/18/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/18/87-11/18/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/18/87-11/18/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	11/18/87-11/18/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/18/87-11/18/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/87-11/18/87	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/18/87-11/18/87	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/18/87-11/18/87	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/18/87-11/18/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/87-11/18/87	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/87-11/18/87	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/18/87-11/18/87	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/18/87-11/18/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/18/87-11/18/87	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/87-11/18/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/87-11/18/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/18/87-11/18/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/87-11/18/87	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/18/87-11/18/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GWMP0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/18/87-11/18/87	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/87-11/18/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/87-11/18/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/87-11/18/87	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/87-11/18/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/18/87-11/18/87	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/87-11/18/87	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/87-11/18/87	1	3.415	3.415	3.415	3.415	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2600.								
71900	MERCURY, TOTAL (UG/L AS HG)	11/18/87-11/18/87	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/18/87-11/18/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GWMP0061

NPS Station ID: GWMP0061 | LAT/LON: 38.752503/ -77.034448 | Agency: 111230WQ | Date Created: / /
Location: POTOMAC RIVER AT BROAD CREEK | FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): POT-91.40
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0091.40
HUC: 02070010 | Depth of Water: 30 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010022 | RF1 Mile Point: 0.200 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010001004.25 | RF3 Mile Point: 5.13 | Distance from RF3: 0.29 | On/Off RF3:
Description:
THIS STATION WAS SAMPLED FOR THE NUTRIENT TRANSPORT STUDY. IT IS LOCATED IN THE MIDDLE CHANNEL OF THE POTOMAC ESTUARY APPROX. 91.4 MILES UPSTREAM FROM THE CHESAPEAKE BAY NEAR BROAD CR. IT IS LOCATED NEAR BUOY RN'86'. THIS LOCATION WAS DETERMINED BY US C^GS CHART NO. 560.

Parameter Inventory for Station: GWMP0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	49	15.	14.714	30.	0.	95.22	9.758	1.	5.	25.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	42	21.5	20.69	32.	9.	37.487	6.123	11.	15.	25.	28.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	20	1.859	1.891	4.424	0.118	0.851	0.922	0.663	1.411	2.304	3.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	47	2.27	2.258	4.32	0.14	0.928	0.964	0.82	1.796	2.94	3.608
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	52	0.865	0.826	2.12	0.001	0.184	0.429	0.23	0.563	1.115	1.31
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	50	2.	1.885	3.54	0.03	0.665	0.815	0.803	1.178	2.478	2.915
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	21	1.47	1.654	3.45	0.37	0.664	0.815	0.612	1.06	2.12	2.922
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	31	1.15	1.407	2.73	0.4	0.537	0.733	0.484	0.7	2.13	2.41
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	34	6.2	6.941	15.4	2.7	10.269	3.205	3.8	4.725	8.05	12.45
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/04/69-01/27/70	15	6.1	6.953	14.9	2.	16.157	4.02	2.48	3.	10.4	13.76
32230	CHLOROPHYLL A (MG/L)	02/26/69-02/26/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	52	1.3	1.266	2.8	0.001	0.528	0.726	0.102	0.7	1.8	2.27

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

EPA Water Quality Criteria Analysis for Station: GWMP0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	52	0	0.00	16	0	0.00	22	0	0.00	14	0	0.00			

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

Station Inventory for Station: GWMP0062

NPS Station ID: GWMP0062
LAT/LON: 38.752503/ -77.034448
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER OFF BROAD CR. N 86
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-006 /006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010022
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.13
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	136	22.5	19.357	30.7	2.	66.171	8.135	5.57	14.5	25.8	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	41	15.	21.046	80.	2.3	210.144	14.496	7.2	12.	31.	39.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	19	10.	12.532	33.	7.	55.652	7.46	7.5	8.	11.	29.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	51	21.	19.882	35.	4.	53.426	7.309	10.2	14.	24.	29.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	26	0.695	0.663	1.06	0.25	0.036	0.19	0.377	0.553	0.793	0.898
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	18	360.	346.944	421.	200.	3811.703	61.739	254.	307.5	400.	420.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	13	229.	431.615	1650.	145.	282573.923	531.577	146.2	182.5	280.	1630.
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/17/75	11	0.3	0.236	0.3	0.	0.01	0.1	0.03	0.15	0.3	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	11	5.1	5.727	8.2	3.7	2.022	1.422	3.88	4.7	6.9	8.06
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	133	6.7	7.023	13.6	1.6	10.183	3.191	2.8	4.6	9.85	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	26	3.15	3.742	8.1	0.5	4.214	2.053	1.39	1.875	5.35	6.52
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	25	7.18	7.092	8.1	6.2	0.194	0.441	6.524	6.755	7.4	7.648
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	25	7.18	6.89	8.1	6.2	0.237	0.486	6.524	6.755	7.4	7.648
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	25	0.066	0.129	0.631	0.008	0.019	0.137	0.023	0.04	0.177	0.3
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	8	0.085	0.08	0.1	0.05	0.	0.02	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	23	0.922	0.847	1.47	0.072	0.176	0.419	0.096	0.48	1.18	1.366
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	97	0.833	0.96	3.1	0.109	0.376	0.613	0.242	0.512	1.32	1.77
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	26	0.11	0.158	1.034	0.015	0.039	0.197	0.023	0.055	0.186	0.271
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	26	0.96	0.982	1.77	0.35	0.137	0.37	0.57	0.695	1.253	1.543
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.959	1.021	1.839	0.418	0.182	0.426	0.492	0.656	1.386	1.691
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	124	1.351	1.427	3.11	0.184	0.318	0.564	0.724	0.987	1.863	2.239
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	99	1.02	1.014	4.64	0.2	0.41	0.64	0.45	0.7	1.2	1.55
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	107	1.03	1.099	3.11	0.28	0.342	0.585	0.454	0.61	1.42	1.884
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-09/25/79	12	0.23	0.227	0.38	0.09	0.006	0.075	0.108	0.163	0.278	0.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	99	0.62	0.685	1.92	0.13	0.174	0.417	0.19	0.33	0.9	1.31
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	16	0.102	0.115	0.168	0.089	0.001	0.025	0.092	0.095	0.14	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	15	0.046	0.051	0.086	0.028	0.	0.016	0.03	0.042	0.059	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	15	0.032	0.033	0.078	0.007	0.	0.019	0.01	0.02	0.035	0.073
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	106	6.3	6.645	19.6	1.4	8.316	2.884	3.5	4.675	7.85	10.43
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/22/79	8 ##	1.3	1.825	4.4	0.5	2.396	1.548	**	**	**	**
00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	1	33.9	33.9	33.9	33.9	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	68	23.4	23.546	40.6	8.4	32.594	5.709	16.79	20.15	26.975	31.24
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-09/25/79	5	2450.	2440.8	3240.	1250.	661513.2	813.335	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-08/07/79	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-08/07/79	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			490.								

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

Parameter Inventory for Station: GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	2	660.	660.	1300.	20.	819200.	905.097	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-08/07/79	2	2.207	2.207	3.114	1.301	1.643	1.282	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			161.245								
32230	CHLOROPHYLL A (MG/L)	02/10/75-09/25/79	10	0.02	0.028	0.09	0.	0.001	0.029	0.	0.003	0.049	0.086
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	1.735	1.735	1.81	1.66	0.011	0.106	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-09/25/79	11	0.189	0.18	0.33	0.054	0.006	0.078	0.063	0.097	0.237	0.313

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

EPA Water Quality Criteria Analysis for Station: GWMP0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	41	1	0.02	15	0	0.00	10	0	0.00	16	1	0.06			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	19	0	0.00	15	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	1	0.09	10	1	0.10				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	133	25	0.19	50	15	0.30	25	0	0.00	58	10	0.17			
00400	PH	Other-Hi Lim.	9.	25	0	0.00	14	0	0.00	3	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	25	2	0.08	14	2	0.14	3	0	0.00	8	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	1	0.04	20	0	0.00				6	1	0.17			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	26	0	0.00	20	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	99	0	0.00	32	0	0.00	25	0	0.00	42	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Annual Analysis for 1970 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	26	22.5	20.135	26.5	5.	40.771	6.385	7.25	17.375	24.625	25.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	5.15	6.019	11.7	2.5	8.786	2.964	2.67	3.425	8.25	10.66
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	24	0.772	0.887	1.88	0.148	0.22	0.469	0.361	0.56	1.19	1.715
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	24	1.553	1.55	2.704	0.184	0.407	0.638	0.603	1.106	2.	2.419
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	24	0.93	1.247	4.64	0.54	1.147	1.071	0.635	0.75	1.193	3.105
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	24	1.445	1.67	3.11	0.33	0.42	0.648	1.025	1.263	2.135	2.75
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	24	1.07	1.065	1.92	0.19	0.227	0.477	0.34	0.755	1.388	1.765
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	16	6.85	7.106	11.4	2.7	6.159	2.482	3.96	5.175	8.95	11.26
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	6	15.4	16.383	25.9	8.4	57.674	7.594	**	**	**	**

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

Annual Analysis for 1971 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	17.9	17.7	28.5	2.5	55.67	7.461	4.85	14.65	24.45	27.85
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	21	7.1	7.395	13.2	1.8	8.161	2.857	3.	6.2	9.	12.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	11	0.942	1.041	1.986	0.152	0.362	0.601	0.219	0.652	1.55	1.968
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	1.584	1.686	2.461	1.082	0.348	0.59	1.097	1.164	2.361	2.456
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	12	0.865	0.87	1.72	0.23	0.228	0.477	0.23	0.458	1.263	1.612
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	11	1.48	1.35	2.11	0.86	0.205	0.453	0.864	0.93	1.51	2.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	12	0.72	0.787	1.37	0.55	0.074	0.273	0.556	0.595	0.82	1.349
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	9	6.3	6.856	10.6	2.7	9.293	3.048	2.7	4.15	10.25	10.6

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

Annual Analysis for 1972 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	14.5	16.107	25.5	3.5	72.122	8.492	3.75	7.375	24.625	25.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	7.8	8.064	13.6	2.1	17.307	4.16	2.35	3.375	12.3	13.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	14	0.445	0.925	2.5	0.195	0.615	0.784	0.205	0.301	1.445	2.35
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	14	0.942	1.291	2.265	0.3	0.525	0.725	0.33	0.77	1.981	2.247
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	14	1.1	0.965	1.48	0.47	0.138	0.371	0.47	0.488	1.228	1.465
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	13	0.96	0.872	1.37	0.47	0.089	0.299	0.474	0.5	1.08	1.286
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	14	0.46	0.444	0.74	0.13	0.044	0.211	0.135	0.285	0.62	0.715
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	14	7.3	8.3	19.6	3.5	16.826	4.102	4.15	5.4	10.05	15.8
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	14	21.8	23.121	31.6	16.1	23.245	4.821	16.65	19.775	27.025	30.65

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

Annual Analysis for 1973 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.25	17.528	27.	6.	55.573	7.455	6.	10.875	26.	26.55
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	7.7	7.	12.4	1.6	12.982	3.603	2.05	3.6	10.15	12.13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	18	1.253	1.22	3.1	0.155	0.665	0.816	0.164	0.478	1.614	2.785
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	1.715	1.684	3.11	0.673	0.418	0.647	0.708	1.226	1.998	2.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	18	0.895	0.866	1.55	0.26	0.16	0.4	0.269	0.535	1.108	1.55
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	18	1.265	1.234	2.13	0.31	0.266	0.516	0.4	0.92	1.615	1.842
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	18	0.8	0.765	1.24	0.18	0.118	0.343	0.198	0.475	1.08	1.141
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	18	6.4	7.15	15.4	3.8	8.491	2.914	4.07	4.95	9.375	10.72
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	18	24.7	24.5	34.6	16.5	25.62	5.062	16.77	19.725	27.225	32.8

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

Annual Analysis for 1974 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	22.	16.758	29.	2.	118.637	10.892	2.3	5.525	25.5	28.7
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	12	6.35	7.525	13.4	2.7	17.366	4.167	2.73	3.625	11.15	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	12	1.023	1.015	2.39	0.248	0.359	0.599	0.334	0.548	1.248	2.188
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	1.528	1.547	2.222	0.941	0.203	0.45	0.953	1.198	2.054	2.183
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	12	0.8	0.791	1.76	0.2	0.2	0.447	0.2	0.37	1.04	1.547
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	12	1.06	1.029	1.35	0.66	0.051	0.226	0.666	0.853	1.18	1.344
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	12	0.645	0.653	0.96	0.35	0.037	0.192	0.356	0.513	0.813	0.942
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	12	7.2	7.158	10.4	3.8	4.839	2.2	4.13	5.15	9.15	10.31
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	12	22.2	22.1	27.7	16.7	11.771	3.431	16.76	19.3	24.625	27.25

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

Annual Analysis for 1975 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	23.9	17.76	29.	2.	106.227	10.307	2.78	7.	26.	28.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	15	7.	7.447	12.8	3.6	10.866	3.296	3.96	4.5	10.8	12.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	14	0.807	0.738	1.257	0.109	0.097	0.312	0.266	0.476	0.906	1.238
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	1.255	1.234	1.699	0.696	0.082	0.286	0.847	0.983	1.469	1.688
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	15	1.14	1.095	1.62	0.71	0.057	0.239	0.77	0.84	1.19	1.476
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	14	0.66	0.687	0.95	0.43	0.024	0.156	0.475	0.56	0.835	0.92
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	15	0.31	0.289	0.39	0.16	0.005	0.073	0.178	0.21	0.34	0.378
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	15	6.3	6.027	9.5	2.6	3.758	1.939	3.14	4.4	7.6	8.6
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	15	22.1	25.007	34.1	20.1	20.642	4.543	20.1	21.5	28.3	33.08

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

Annual Analysis for 1976 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	17.	17.	29.	5.	288.	16.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	10.15	10.15	11.7	8.6	4.805	2.192	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	0.857	0.857	0.959	0.754	0.021	0.145	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	1.397	1.397	1.714	1.079	0.202	0.449	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	0.835	0.835	1.13	0.54	0.174	0.417	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	2	0.565	0.565	0.81	0.32	0.12	0.346	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.2	0.2	0.25	0.15	0.005	0.071	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	6.35	6.35	8.	4.7	5.445	2.333	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

Annual Analysis for 1977 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	21.5	21.5	28.1	14.9	87.12	9.334	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	4.65	4.65	4.7	4.6	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	0.631	0.631	1.1	0.162	0.44	0.663	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	1.48	1.48	1.733	1.226	0.129	0.359	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	1.66	1.66	1.81	1.51	0.045	0.212	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	2	0.47	0.47	0.48	0.46	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.145	0.145	0.16	0.13	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	10.05	10.05	11.6	8.5	4.805	2.192	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	31.2	31.2	31.2	31.2	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	23.9	23.682	29.5	17.6	16.46	4.057	17.7	19.5	27.	29.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	10	7.35	7.63	10.5	5.3	3.056	1.748	5.36	6.2	9.075	10.44
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	1.097	1.142	1.694	0.733	0.111	0.333	0.741	0.871	1.454	1.658
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	11	0.48	0.455	0.54	0.28	0.006	0.077	0.304	0.41	0.53	0.538
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	9	4.1	4.167	7.1	1.4	2.483	1.576	1.4	3.35	4.9	7.1
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	40.6	40.6	40.6	40.6	0.	0.	**	**	**	**

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

Annual Analysis for 1980 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	9	28.8	27.722	30.7	21.8	8.364	2.892	21.8	25.75	30.15	30.7
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	8	4.85	4.85	5.2	4.4	0.069	0.262	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	8	1.441	1.479	1.868	1.166	0.059	0.242	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	9	3.6	4.167	7.3	2.5	2.228	1.492	2.5	3.	5.1	7.3

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

Annual Analysis for 1981 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.4	24.82	28.8	18.7	13.757	3.709	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	6.7	7.32	10.7	5.7	4.222	2.055	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.814	0.811	1.096	0.501	0.046	0.215	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	55	26.	24.838	30.7	14.5	17.671	4.204	16.8	23.9	27.5	29.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	19	24.	20.158	30.	5.	49.474	7.034	10.	13.	25.	27.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	50	4.75	4.952	10.7	1.6	3.99	1.997	2.6	3.45	6.025	7.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	21	3.8	4.271	8.1	1.8	3.557	1.886	1.82	2.7	6.15	6.72
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	14	6.8	6.824	7.56	6.2	0.121	0.347	6.35	6.585	7.068	7.405
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	14	6.8	6.707	7.56	6.2	0.135	0.368	6.35	6.585	7.067	7.405
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	14	0.158	0.196	0.631	0.028	0.023	0.152	0.042	0.087	0.26	0.474
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	30	1.08	1.139	3.1	0.109	0.691	0.831	0.171	0.485	1.693	2.489
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	51	1.31	1.438	3.11	0.184	0.351	0.592	0.711	1.	1.88	2.228
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	32	0.985	1.187	4.64	0.2	1.059	1.029	0.263	0.502	1.593	1.795
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	38	1.04	1.067	2.75	0.28	0.382	0.618	0.429	0.523	1.375	1.903
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	32	0.725	0.756	1.92	0.13	0.209	0.458	0.175	0.343	1.043	1.387
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	42	6.1	6.693	12.	2.5	8.653	2.942	2.92	4.075	9.425	11.34
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	25	26.9	27.376	40.6	20.3	24.024	4.901	21.7	23.65	30.45	34.3

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	25	5.5	6.036	12.5	2.	9.33	3.054	2.3	3.5	8.	11.1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	10	21.5	20.4	35.	4.	104.267	10.211	4.4	11.75	26.75	35.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	25	11.8	11.444	13.6	7.8	2.768	1.664	8.7	10.35	12.75	13.4
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	3	7.4	7.533	8.1	7.1	0.263	0.513	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	3	7.4	7.373	8.1	7.1	0.302	0.55	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	3	0.04	0.042	0.079	0.008	0.001	0.036	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	25	0.754	0.849	1.88	0.195	0.226	0.476	0.329	0.513	1.135	1.706
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	25	1.188	1.287	2.	0.8	0.128	0.357	0.894	0.974	1.586	1.968
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	25	1.11	1.15	1.55	0.87	0.037	0.193	0.898	1.02	1.245	1.508
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	25	0.89	1.14	3.11	0.32	0.389	0.624	0.502	0.755	1.525	2.03
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	25	0.57	0.618	1.24	0.13	0.128	0.357	0.146	0.33	0.92	1.22
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	25	6.1	6.04	9.2	2.7	3.078	1.754	3.34	4.8	7.	8.94
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	17	21.7	21.512	27.9	16.1	13.749	3.708	16.58	17.7	24.45	27.18

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	56	19.75	19.92	29.	7.	29.974	5.475	11.	16.4	24.575	25.65
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	22	20.	19.409	32.	6.	39.682	6.299	11.3	14.	22.25	29.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	58	7.05	6.902	11.7	1.8	6.636	2.576	2.98	4.775	8.3	10.81
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	5	1.6	1.52	3.	0.5	0.907	0.952	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	8	7.375	7.396	7.72	7.2	0.034	0.183	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	8	7.374	7.366	7.72	7.2	0.035	0.186	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	8	0.042	0.043	0.063	0.019	0.	0.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	42	0.867	0.899	1.986	0.148	0.224	0.473	0.244	0.512	1.27	1.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	48	1.478	1.489	2.704	0.3	0.381	0.617	0.661	1.005	1.946	2.369
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	42	0.77	0.8	1.25	0.23	0.076	0.276	0.456	0.638	1.063	1.175
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-09/25/79	44	1.03	1.102	2.31	0.31	0.295	0.543	0.44	0.613	1.475	2.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	42	0.62	0.672	1.65	0.18	0.176	0.42	0.193	0.318	0.85	1.364
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	39	6.7	6.982	19.6	1.4	11.337	3.367	3.8	4.6	7.8	10.6
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	26	21.55	21.192	31.6	8.4	32.247	5.679	12.06	17.525	26.2	27.88

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

Station Inventory for Station: GWMP0063

NPS Station ID: GWMP0063
LAT/LON: 38.752503/ -77.034448
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC RIVER AT BROAD CR. N 86
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-006 /006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010022
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.13
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0063

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

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

Station Inventory for Station: GWMP0064

NPS Station ID: GWMP0064
LAT/LON: 38.752503/ -77.034448
Agency: 1113POTS
Date Created: / /
Location: PO.R. BROAD CR. NEAR RN"86"
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 011 /011 /6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010022
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 0.60
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	17	11.	11.029	15.5	7.	5.64	2.375	8.2	9.	12.25	15.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	27	2.47	2.681	5.24	1.74	0.817	0.904	1.892	2.01	2.88	4.41
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	26	0.465	0.521	0.89	0.32	0.031	0.177	0.344	0.378	0.663	0.811
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	70	2.5	2.869	4.94	1.53	0.714	0.845	1.986	2.258	3.265	4.198
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	3.94	4.787	7.36	3.06	5.16	2.272	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0064

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00				26	0	0.00						

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

Station Inventory for Station: GWMP0065

NPS Station ID: GWMP0065
Location: PO.R. BROAD CR. NEAR R N"86"
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010022
RF3 Index: 02070008000105.12
Description:

LAT/LON: 38.752503/ -77.034448
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.200
RF3 Mile Point: 5.12

Agency: 1113UPBA
FIPS State/County: 24000 MARYLAND/
STORET Station ID(s): POTOMAC 014 /014 /11
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-03/10/67	8	4.25	4.188	5.5	3.	0.781	0.884	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/08/67	8	73000.	195850.	542000.	13000.	50488020000.	224695.394	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/08/67	8	4.848	4.986	5.734	4.114	0.341	0.584	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			96905.027								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/10/67	9	24000.	49711.111	172000.	4900.	3268468611.111	57170.522	4900.	8950.	91800.	172000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/10/67	9	4.38	4.408	5.236	3.69	0.312	0.558	3.69	3.902	4.963	5.236
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			25594.045								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/08/67	8	4100.	9887.5	54200.	700.	326249821.429	18062.387	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/08/67	8	3.604	3.582	4.734	2.845	0.357	0.597	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			3822.667								

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

EPA Water Quality Criteria Analysis for Station: GWMP0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	8	1.00				8	8	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9	9	1.00				9	9	1.00						

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

Station Inventory for Station: GWMP0066

NPS Station ID: GWMP0066
LAT/LON: 38.752503/ -77.045837
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BROAD CR.BTW N86&WST SHR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 012 /012 /6A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010019
RF1 Mile Point: 2.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.50
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0066

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

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

Station Inventory for Station: GWMP0067

NPS Station ID: GWMP0067
LAT/LON: 38.753198/ -77.035392
Agency: 21MDEXP
Date Created: 10/11/80
Location: .38NM W OF INDIAN QUEEN BLUFF
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XFB5279
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010022
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001700.68
RF3 Mile Point: 0.80
Distance from RF3: 0.07
On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS 102.19 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
.38NM W OF INDIAN QUEEN BLUFF

Parameter Inventory for Station: GWMP0067

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

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

Station Inventory for Station: GWMP0068

NPS Station ID: GWMP0068
LAT/LON: 38.755282/ -77.032782
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF ROSIER BLUFF,MD.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 010 /010 /5A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010023
RF1 Mile Point: 1.400
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070011007802.34
RF3 Mile Point: 2.33
Distance from RF3: 0.34
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	18	11.	11.222	16.	7.	5.918	2.433	8.35	9.	12.625	15.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	31	2.13	2.6	8.61	1.4	2.021	1.422	1.684	1.97	2.5	4.548
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-12/01/69	30	0.38	0.453	0.89	0.19	0.037	0.193	0.28	0.325	0.595	0.835
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	87	2.42	2.7	4.69	0.86	1.202	1.096	1.036	2.2	3.93	4.146
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	3.54	3.68	4.17	3.33	0.191	0.437	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00				30	0	0.00						

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

Station Inventory for Station: GWMP0069

NPS Station ID: GWMP0069
LAT/LON: 38.758892/ -77.002227
Agency: 21MDPGHD
Date Created: / /
Location: HENSON C-OXON HILL RD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-1 /243044 /PO-HB-1
RMI-Indexes: 0214001 002540
Within Park Boundary: No
RMI-Miles: 0101.80 0001.98
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010021
RF1 Mile Point: 0.950
Distance from RF1: 20.80
On/Off RF1: OFF
RF3 Index: 02070010067901.12
RF3 Mile Point: 1.55
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	67	14.5	13.56	29.	0.	74.921	8.656	1.	5.	21.	24.1
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	66	9.7	10.376	15.	6.6	6.128	2.476	7.4	8.4	12.45	14.46
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.3	7.346	8.53	5.4	0.319	0.565	6.7	7.1	7.7	8.068
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.3	6.821	8.53	5.4	0.599	0.774	6.7	7.1	7.7	8.068
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	67	0.05	0.151	3.981	0.003	0.269	0.518	0.009	0.02	0.079	0.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	3.	4.8	15.	1.	34.2	5.848	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	13.8	15.	9.	7.2	2.683	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	39	2300.	72849.564	2400000.	93.14661	1869348.463	382899.294	430.	1200.	15000.	43000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	39	3.362	3.621	6.38	1.968	0.73	0.854	2.633	3.079	4.176	4.633
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4179.029								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	23000.	158377.391	2400000.	230.2	49685752256.522	499685.653	1290.	4300.	43000.	372000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	4.362	4.258	6.38	2.362	0.831	0.912	3.054	3.633	4.633	5.55
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18103.47								
31515	INVALID PARM	05/12/75-10/20/75	6	3300.	42126.667	240000.	930.	9399212706.667	96949.537	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	430.	12549.739	460000.	7.	3361525643.96	57978.665	150.	230.	2300.	15000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	2.633	2.975	5.663	0.845	0.779	0.882	2.176	2.362	3.362	4.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			944.479								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	7.2	7.22	7.5	7.	0.052	0.228	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	2100.	6270.	23000.	750.	89334500.	9451.693	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	390.	5192.6	23000.	43.	99920343.8	9996.016	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	25	0	0.00	26	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	67	0	0.00	25	0	0.00	27	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	67	5	0.07	25	1	0.04	27	1	0.04	15	3	0.20			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	39	30	0.77	14	10	0.71	17	14	0.82	8	6	0.75			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	21	0.91	6	6	1.00	11	9	0.82	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	69	61	0.88	24	19	0.79	29	27	0.93	16	15	0.94			

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

Annual Analysis for 1973 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	3	19.	21.667	29.	17.	41.333	6.429	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	7.8	7.85	8.4	7.4	0.17	0.412	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.75	7.6	8.4	6.5	0.647	0.804	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.725	7.048	8.4	6.5	1.053	1.026	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.019	0.089	0.316	0.004	0.023	0.151	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	29000.	111530.	460000.	430.32308220400.		179744.876	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	4.405	4.193	5.663	2.633	1.498	1.224	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15589.173								

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

Annual Analysis for 1974 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	14.75	15.2	25.	6.	52.289	7.231	6.05	8.375	21.875	24.95
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.45	9.79	13.6	7.8	3.128	1.769	7.85	8.525	10.675	13.42
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	7.17	7.8	6.2	0.189	0.435	6.28	7.	7.4	7.79
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	6.926	7.8	6.2	0.255	0.505	6.28	7.	7.4	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.063	0.119	0.631	0.016	0.033	0.182	0.016	0.043	0.1	0.578
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	840.	2636.	9300.	230.	10989471.111	3315.037	230.	350.	5100.	9120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.922	3.063	3.968	2.362	0.37	0.608	2.362	2.534	3.694	3.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1156.185								

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

Annual Analysis for 1975 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	13.909	24.5	1.	76.991	8.774	1.3	5.	21.	24.1
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.2	10.264	14.6	8.	5.321	2.307	8.06	8.6	12.6	14.2
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.4	7.518	8.4	6.9	0.158	0.397	6.98	7.3	7.6	8.32
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.4	7.387	8.4	6.9	0.177	0.42	6.98	7.3	7.6	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.04	0.041	0.126	0.004	0.001	0.032	0.005	0.025	0.05	0.111
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2300.	4949.091	23000.	150.	50930669.091	7136.573	166.	430.	9300.	20800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.362	3.255	4.362	2.176	0.488	0.699	2.213	2.633	3.968	4.305
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1800.919								

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

Annual Analysis for 1976 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	5.	10.773	24.	0.5	96.368	9.817	0.6	2.	22.	24.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	14.2	12.956	15.	7.4	7.805	2.794	7.4	10.55	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.33	7.416	8.25	7.	0.157	0.396	7.	7.075	7.713	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.324	7.29	8.25	7.	0.174	0.418	7.	7.075	7.712	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.047	0.051	0.1	0.006	0.001	0.034	0.007	0.019	0.085	0.1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	230.	1073.909	9300.	7.	7467995.891	2732.763	14.2	93.	430.	7526.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.362	2.363	3.968	0.845	0.584	0.764	1.003	1.968	2.633	3.701
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			230.635								

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

Annual Analysis for 1977 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	12.	14.	29.	1.	100.4	10.02	1.	6.	22.	29.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	10.3	10.482	14.4	7.	5.742	2.396	7.06	8.1	12.2	14.16
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	6.992	8.3	5.4	0.734	0.857	5.48	6.5	7.3	8.24
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	6.236	8.3	5.4	1.363	1.167	5.48	6.5	7.3	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.063	0.581	3.981	0.005	1.481	1.217	0.006	0.05	0.316	3.502
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	1267.545	9300.	43.	7268206.273	2695.961	76.4	210.	930.	7740.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.638	3.968	1.633	0.353	0.594	1.771	2.322	2.968	3.81
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			434.222								

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

Annual Analysis for 1978 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.75	11.5	24.	0.	91.643	9.573	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	9.55	10.15	15.	6.7	8.1	2.846	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	7.05	7.038	7.3	6.7	0.057	0.239	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	7.047	6.978	7.3	6.7	0.061	0.247	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.09	0.105	0.2	0.05	0.004	0.061	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	535.	7827.875	39000.	43.	210494804.696	14508.439	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	2.72	2.971	4.591	1.633	1.018	1.009	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			934.449								

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

Annual Analysis for 1979 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	12.65	12.65	13.1	12.2	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	4865.	4865.	9300.	430.	39338450.	6272.037	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	3.301	3.301	3.968	2.633	0.891	0.944	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1999.75								

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

Annual Analysis for 1980 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	14.727	24.	5.	53.418	7.309	5.	6.	22.	23.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.7	9.473	13.1	6.6	3.068	1.752	6.74	8.4	10.3	12.64
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.86	7.747	8.53	7.1	0.175	0.418	7.146	7.41	8.05	8.452
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.86	7.584	8.53	7.1	0.204	0.452	7.146	7.41	8.05	8.452
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.014	0.026	0.079	0.003	0.001	0.023	0.004	0.009	0.039	0.073
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	965.	1784.3	9300.	43.	7687709.344	2772.672	59.7	225.	2150.	8600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.905	2.832	3.968	1.633	0.47	0.685	1.702	2.352	3.332	3.908
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			678.77								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	24	21.5	20.792	29.	12.	19.824	4.452	14.5	17.625	24.	27.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	25	8.3	8.836	14.2	6.6	3.635	1.907	6.88	7.4	9.8	11.74
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.6	7.496	8.53	5.8	0.303	0.55	6.88	7.2	7.89	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.6	6.984	8.53	5.8	0.575	0.759	6.88	7.2	7.89	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	25	0.025	0.104	1.585	0.003	0.097	0.311	0.008	0.013	0.063	0.14
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	430.	8686.375	150000.	7.	969889560.505	31143.05	43.	230.	930.	24150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	2.633	2.703	5.176	0.845	0.826	0.909	1.633	2.362	2.968	4.28
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			504.814								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	27	5.	5.278	15.	0.	15.949	3.994	1.	2.	7.	12.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	26	12.4	12.15	15.	8.4	4.457	2.111	8.71	10.675	13.8	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.2	7.247	8.3	6.2	0.17	0.413	6.7	7.	7.5	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.2	7.052	8.3	6.2	0.21	0.458	6.7	7.	7.5	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	27	0.063	0.089	0.631	0.005	0.014	0.119	0.018	0.032	0.1	0.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	430.	4722.966	43000.	43.	89564314.392	9463.842	210.	310.	4900.	21000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	2.633	2.991	4.633	1.633	0.618	0.786	2.322	2.476	3.618	4.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			978.775								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	18.	16.688	29.	0.5	54.029	7.35	4.35	11.	21.75	25.85
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.6	9.867	15.	7.3	3.905	1.976	7.6	8.6	10.3	13.44
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.3	7.275	8.4	5.4	0.605	0.778	6.06	7.	7.86	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.3	6.467	8.4	5.4	1.306	1.143	6.06	7.	7.86	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.05	0.341	3.981	0.004	1.024	1.012	0.004	0.014	0.1	1.782
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	1800.	32530.813	460000.	93.	13016392217.229	114089.404	174.9	405.	9300.	148500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	3.249	3.355	5.663	1.968	0.838	0.915	2.216	2.513	3.968	4.622
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2265.729								

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

Station Inventory for Station: GWMP0070

NPS Station ID: GWMP0070
LAT/LON: 38.759726/ -77.002227
Agency: 21MD30WQ
Date Created: / /
Location: BROAD CR AT BRDG SOFFORT FOOTE
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): BRD-01.9 /PG-8 /MD-8
RMI-Indexes: 0214001 002540
Within Park Boundary: No
RMI-Miles: 0098.70 0001.90
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010021
RF1 Mile Point: 0.950
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003105.72
RF3 Mile Point: 7.50
Distance from RF3: 0.03
On/Off RF3:
Description:
SAMPLED BY MARYLAND DEPARTMENT OF WATER RESOURCES AT BRIDGE ON OXON HILL ROAD CROSSING BROAD CREEK SOUTH OFFORT FOOTE VILLAGE

Parameter Inventory for Station: GWMP0070

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

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

Station Inventory for Station: GWMP0071

NPS Station ID: GWMP0071
Location: HENSON C TRB-OXON HILL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 0214001 002540 00100
RMI-Miles: 0101.80 0002.10 000.30
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC R
RF1 Index: 02070010021
RF3 Index: 02070010069900.77
Description:

LAT/LON: 38.760004/ -76.995560
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.950
RF3 Mile Point: 1.13

Agency: 21MDPGHD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
STORET Station ID(s): HB-2 /243045 /PO-HB-2
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 11.50
Distance from RF3: 0.01

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	65	14.	13.015	27.	0.	67.304	8.204	1.6	6.	20.25	23.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	63	9.9	10.413	15.	2.	7.714	2.777	7.2	8.6	12.2	14.86
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	64	7.33	7.408	9.2	5.4	0.512	0.716	6.6	7.	7.8	8.285
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	64	7.329	6.762	9.2	5.4	0.936	0.967	6.6	7.	7.8	8.285
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	64	0.047	0.173	3.981	0.001	0.337	0.58	0.005	0.016	0.1	0.258
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	3.	4.8	15.	1.	34.2	5.848	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	13.8	15.	9.	7.2	2.683	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	37	2300.	13392.162	150000.	0.	907993567.417	30132.932	402.	930.	9300.	33400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	37	3.362	3.423	5.176	0.	0.837	0.915	2.599	2.968	3.968	4.464
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2650.259								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	9300.	86023.478	1100000.	430.	54070985660.079	232531.687	558.	2100.	39000.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	3.968	3.969	6.041	2.633	0.902	0.95	2.73	3.322	4.591	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9305.929								
31515	INVALID PARM	05/12/75-10/20/75	6	4300.	4666.667	9300.	1500.	6406666.667	2531.139	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	67	390.	2689.575	43000.	0.	58442045.032	7644.74	23.	75.	930.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	67	2.591	2.456	4.633	0.	0.945	0.972	1.362	1.875	2.968	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			285.522								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	7.2	7.1	7.6	6.5	0.16	0.4	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	2300.	9896.	23000.	430.	143595830.	11983.148	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	150.	1978.42	9300.	9.1	16773950.832	4095.601	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	63	1	0.02	23	1	0.04	25	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	64	3	0.05	23	0	0.00	26	1	0.04	15	2	0.13			
		Other-Lo Lim.	6.5	64	6	0.09	23	2	0.09	26	3	0.12	15	1	0.07			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	37	25	0.68	13	12	0.92	16	5	0.31	8	8	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	19	0.83	6	6	1.00	11	7	0.64	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	67	41	0.61	23	19	0.83	28	10	0.36	16	12	0.75			

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

Annual Analysis for 1973 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	23.	22.	27.	15.	31.333	5.598	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	7.5	7.75	8.8	7.2	0.57	0.755	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.75	7.875	9.2	6.8	1.062	1.031	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.622	7.286	9.2	6.8	1.525	1.235	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.024	0.052	0.158	0.001	0.005	0.073	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	590.	4523.333	23000.	230.	82502386.667	9083.082	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	2.754	3.038	4.362	2.362	0.534	0.731	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1091.098								

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

Annual Analysis for 1974 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	14.75	14.7	24.	6.	48.4	6.957	6.	7.5	21.125	23.9
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.35	9.56	12.6	7.2	2.945	1.716	7.25	8.375	10.775	12.53
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.25	7.25	8.	6.2	0.232	0.481	6.28	7.075	7.5	7.98
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.247	6.958	8.	6.2	0.327	0.572	6.28	7.075	7.5	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.057	0.11	0.631	0.01	0.034	0.185	0.011	0.034	0.085	0.578
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	590.	5041.6	39000.	23.	145072650.267	12044.611	23.	178.25	4300.	35530.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.754	2.805	4.591	1.362	1.002	1.001	1.362	2.112	3.633	4.495
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			638.803								

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

Annual Analysis for 1975 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	12.818	23.	1.	62.814	7.926	1.2	5.	20.	22.5
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.6	10.455	15.	7.5	4.869	2.207	7.7	8.8	12.2	14.5
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.6	7.591	8.8	6.9	0.227	0.476	6.96	7.4	7.6	8.62
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.6	7.423	8.8	6.9	0.258	0.508	6.96	7.4	7.6	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.025	0.038	0.126	0.002	0.001	0.033	0.004	0.025	0.04	0.113
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	390.	2089.	9300.	23.	13101159.6	3619.552	37.	93.	2300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.591	2.673	3.968	1.362	0.666	0.816	1.483	1.968	3.362	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			471.488								

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

Annual Analysis for 1976 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	5.	9.05	22.	0.5	69.025	8.308	0.55	2.5	17.75	21.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	14.8	13.738	15.	8.8	4.871	2.207	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	9	7.2	7.273	8.3	6.5	0.286	0.535	6.5	6.9	7.6	8.3
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	9	7.2	7.04	8.3	6.5	0.347	0.589	6.5	6.9	7.6	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	9	0.063	0.091	0.316	0.005	0.009	0.096	0.005	0.028	0.129	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	121.5	240.1	930.	9.	82775.211	287.707	10.4	38.	400.	880.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.072	2.038	2.968	0.954	0.41	0.64	0.995	1.566	2.602	2.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			109.217								

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

Annual Analysis for 1977 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	11.	12.727	27.	0.	78.618	8.867	0.4	6.	21.	26.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	11.2	10.364	14.3	2.	11.843	3.441	3.12	8.	12.5	14.18
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.19	6.949	8.05	5.4	0.641	0.8	5.44	6.7	7.45	7.96
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.19	6.187	8.05	5.4	1.279	1.131	5.44	6.7	7.45	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.065	0.65	3.981	0.009	1.758	1.326	0.012	0.035	0.2	3.687
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	150.	1429.182	9300.	4.	8377844.364	2894.451	7.2	39.	930.	8300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.176	2.274	3.968	0.602	1.025	1.012	0.742	1.591	2.968	3.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			188.016								

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

Annual Analysis for 1978 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	7	13.5	13.214	26.	1.	91.155	9.548	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	7	10.5	10.5	15.	5.9	13.903	3.729	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.943	7.2	6.5	0.05	0.223	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	7	7.	6.886	7.2	6.5	0.053	0.231	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	7	0.1	0.13	0.316	0.063	0.007	0.085	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	430.	6913.071	43000.	0.	255563134.369	15986.342	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	7	2.633	2.296	4.633	0.	2.875	1.696	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			197.677								

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

Annual Analysis for 1979 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.	4.	7.	1.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	10.85	10.85	12.1	9.6	3.125	1.768	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.	7.	7.5	6.5	0.5	0.707	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.76	6.76	7.5	6.5	0.616	0.785	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.174	0.174	0.316	0.032	0.04	0.201	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	49.	49.	75.	23.	1352.	36.77	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	1.618	1.618	1.875	1.362	0.132	0.363	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.533								

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

Annual Analysis for 1980 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	14.5	13.9	23.	4.	55.211	7.43	4.1	5.75	22.25	23.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.55	9.53	13.1	6.2	3.327	1.824	6.34	8.725	10.4	12.86
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	8.14	8.21	9.09	7.3	0.331	0.575	7.341	7.8	8.73	9.087
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	8.138	7.921	9.09	7.3	0.423	0.651	7.341	7.8	8.73	9.087
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.007	0.012	0.05	0.001	0.	0.015	0.001	0.002	0.016	0.047
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	161.5	1305.5	9300.	43.	8354338.056	2890.387	43.	80.5	897.5	8600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.165	2.413	3.968	1.633	0.581	0.762	1.633	1.885	2.816	3.908
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			258.896								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	23	20.5	20.022	27.	11.	20.034	4.476	13.7	16.	23.	26.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	23	8.5	8.761	14.8	2.	7.867	2.805	5.9	7.2	10.4	13.58
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	23	7.6	7.415	8.3	5.4	0.437	0.661	6.62	7.	7.9	8.202
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	23	7.6	6.641	8.3	5.4	1.064	1.032	6.62	7.	7.9	8.202
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	23	0.025	0.229	3.981	0.005	0.674	0.821	0.006	0.013	0.1	0.253
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	23	430.	2729.478	43000.	39.	78569967.352	8863.97	43.	230.	930.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	23	2.633	2.707	4.633	1.591	0.49	0.7	1.633	2.362	2.968	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			509.648								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	26	5.	5.212	15.	0.	15.203	3.899	1.	2.	7.	11.75
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	25	12.1	12.208	15.	9.1	4.314	2.077	9.32	10.1	14.55	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	26	7.2	7.29	9.06	6.2	0.378	0.615	6.5	6.9	7.525	8.221
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	26	7.2	6.987	9.06	6.2	0.473	0.688	6.5	6.9	7.525	8.221
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	26	0.063	0.103	0.631	0.001	0.018	0.134	0.007	0.03	0.126	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	28	93.	971.518	9300.	0.	6192572.916	2488.488	3.75	23.	420.	4800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	28	1.968	1.979	3.968	0.	0.983	0.992	0.559	1.362	2.623	3.667
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			95.201								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	16.5	15.625	27.	0.5	44.35	6.66	4.35	11.125	20.25	24.2
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.4	9.953	15.	7.2	3.938	1.985	7.44	8.8	10.8	13.5
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.4	7.601	9.2	5.6	0.877	0.936	6.26	7.2	8.18	9.134
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.4	6.679	9.2	5.6	1.786	1.336	6.26	7.2	8.18	9.134
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.04	0.209	2.512	0.001	0.408	0.639	0.001	0.007	0.063	1.124
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	430.	5638.813	39000.	23.	115972226.696	10769.04	59.4	170.	8050.	27800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	2.633	2.929	4.591	1.362	0.908	0.953	1.721	2.223	3.885	4.431
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			848.528								

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

Station Inventory for Station: GWMP0072

NPS Station ID: GWMP0072
LAT/LON: 38.766948/ -76.993892
Agency: 21MDPGHD
Date Created: / /
Location: HENSON C-OXON HILL INDIAN HD HWY
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-4 /243047 /PO-HB-4
RMI-Indexes: 0214001 002540
Within Park Boundary: No
RMI-Miles: 0101.80 0002.80
HUC: 02060006
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02060006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002102.60
RF3 Mile Point: 5.51
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	68	15.	13.596	27.	0.	76.106	8.724	1.	6.	21.75	25.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	66	9.7	10.302	15.	6.8	6.607	2.57	7.34	8.15	12.2	14.7
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.3	7.312	9.2	5.	0.468	0.684	6.48	7.	7.65	8.304
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.3	6.554	9.2	5.	1.05	1.025	6.48	7.	7.65	8.304
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	67	0.05	0.279	10.	0.001	1.605	1.267	0.005	0.022	0.1	0.333
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	2.	4.4	15.	1.	35.8	5.983	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	14.	15.	10.	5.	2.236	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	41	4300.	26908.707	240000.	4.	3376098543.912	58104.204	270.	1215.	19000.	93000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	41	3.633	3.605	5.38	0.602	0.913	0.956	2.416	3.072	4.269	4.968
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4027.384								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	7500.	63694.348	460000.	150.	14069377425.692	118614.406	930.	2300.	93000.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	3.875	3.962	5.663	2.176	0.902	0.95	2.968	3.362	4.968	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9170.777								
31515	INVALID PARM	05/12/75-10/20/75	6	3200.	10383.333	43000.	1500.	263633666.667	16236.8	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	70	840.	4461.771	43000.	23.	108158912.353	10399.948	93.	230.	2300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	70	2.922	2.955	4.633	1.362	0.577	0.76	1.968	2.362	3.362	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			900.703								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	7.	6.9	7.5	6.4	0.18	0.424	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	930.	6462.	21000.	150.	80113770.	8950.63	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	150.	295.2	930.	93.	128270.7	358.149	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	25	0	0.00	26	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	67	1	0.01	25	1	0.04	27	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	67	8	0.12	25	3	0.12	27	3	0.11	15	2	0.13			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	41	31	0.76	15	12	0.80	17	12	0.71	9	7	0.78			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	18	0.78	6	6	1.00	11	7	0.64	6	5	0.83			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	70	61	0.87	25	23	0.92	29	23	0.79	16	15	0.94			

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

Annual Analysis for 1973 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	21.5	21.25	26.	16.	20.917	4.573	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	8.1	8.	8.4	7.4	0.187	0.432	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.5	7.55	8.1	7.1	0.177	0.42	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.489	7.419	8.1	7.1	0.199	0.447	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.032	0.038	0.079	0.008	0.001	0.03	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	2300.	8921.667	43000.	430.	280423616.667	16745.854	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	3.362	3.451	4.633	2.633	0.451	0.671	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2821.675								

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

Annual Analysis for 1974 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	15.	15.75	26.5	7.	58.736	7.664	7.	7.75	23.5	26.35
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.45	9.18	11.5	6.9	2.257	1.502	6.93	7.8	10.2	11.43
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	7.18	7.8	6.4	0.133	0.365	6.46	7.	7.35	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.2	7.022	7.8	6.4	0.161	0.401	6.46	7.	7.35	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.063	0.095	0.398	0.016	0.012	0.11	0.017	0.045	0.1	0.368
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	840.	7526.3	43000.	93.	204117203.567	14286.959	106.7	230.	8975.	41000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.922	3.116	4.633	1.968	0.772	0.879	2.008	2.362	3.816	4.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1305.974								

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

Annual Analysis for 1975 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	13.773	25.	1.	73.868	8.595	1.4	5.	21.	24.5
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.7	10.391	15.	7.9	5.077	2.253	7.96	8.7	12.2	14.54
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.5	7.509	8.7	6.9	0.233	0.483	6.92	7.2	7.7	8.52
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.5	7.338	8.7	6.9	0.265	0.515	6.92	7.2	7.7	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.032	0.046	0.126	0.002	0.001	0.037	0.005	0.02	0.063	0.121
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	230.	3400.545	23000.	23.	47816165.473	6914.923	23.	210.	4300.	19900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.362	2.71	4.362	1.362	0.921	0.96	1.362	2.322	3.633	4.264
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			512.341								

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

Annual Analysis for 1976 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	6.	10.227	23.	0.5	87.768	9.368	0.6	2.	21.	22.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	14.5	12.767	15.	7.4	10.283	3.207	7.4	9.35	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.11	7.217	8.3	6.4	0.338	0.581	6.42	6.713	7.663	8.24
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.11	6.936	8.3	6.4	0.425	0.652	6.42	6.712	7.663	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.078	0.116	0.398	0.005	0.016	0.126	0.007	0.022	0.196	0.383
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	409.909	930.	43.	109326.691	330.646	53.	93.	750.	930.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.438	2.968	1.633	0.203	0.451	1.7	1.968	2.875	2.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			274.312								

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

Annual Analysis for 1977 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	12.	13.455	27.	1.	90.073	9.491	1.	6.	23.	27.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	10.1	10.318	14.7	6.8	6.856	2.618	6.82	7.8	12.2	14.42
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	6.866	8.15	5.	0.823	0.907	5.1	6.5	7.33	8.04
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	5.896	8.15	5.	1.859	1.363	5.1	6.5	7.33	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.063	1.271	10.	0.007	9.236	3.039	0.011	0.047	0.316	8.632
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	803.636	2300.	230.	458105.455	676.835	230.	430.	1500.	2140.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.779	3.362	2.362	0.114	0.338	2.362	2.633	3.176	3.325
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			601.701								

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

Annual Analysis for 1978 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.75	11.438	24.	0.	96.103	9.803	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	12.9	11.738	14.7	7.2	8.591	2.931	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.95	6.888	7.3	6.4	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.947	6.758	7.3	6.4	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.113	0.175	0.398	0.05	0.021	0.146	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	490.	6899.5	43000.	93.	222514399.429	14916.917	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	2.618	2.914	4.633	1.968	0.934	0.966	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			820.712								

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

Annual Analysis for 1979 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.25	4.25	7.5	1.	21.125	4.596	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	10.75	10.75	11.2	10.3	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.9	6.9	7.3	6.5	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.737	6.737	7.3	6.5	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.183	0.183	0.316	0.05	0.035	0.188	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	2615.	2615.	4300.	930.	5678450.	2382.95	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	3.301	3.301	3.633	2.968	0.221	0.47	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1999.75								

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

Annual Analysis for 1980 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	16.	15.455	26.	5.	64.073	8.005	5.	6.	24.	25.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	8.7	8.909	12.2	7.2	1.965	1.402	7.24	8.	9.3	11.78
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	8.08	8.063	9.2	7.2	0.325	0.57	7.246	7.59	8.37	9.064
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	8.08	7.779	9.2	7.2	0.413	0.643	7.246	7.59	8.37	9.064
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.008	0.017	0.063	0.001	0.	0.019	0.001	0.004	0.026	0.058
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2300.	6577.273	43000.	390.	151964621.818	12327.393	498.	930.	4300.	36260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.362	3.44	4.633	2.591	0.297	0.545	2.667	2.968	3.633	4.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2756.438								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	25	22.	20.96	27.	12.	19.853	4.456	14.	17.5	24.5	26.7
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	25	8.2	8.82	14.5	6.8	4.383	2.093	7.08	7.4	9.5	13.22
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.55	7.48	9.2	5.5	0.566	0.753	6.4	7.15	7.8	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.55	6.716	9.2	5.5	1.175	1.084	6.4	7.15	7.8	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	25	0.028	0.193	3.162	0.001	0.394	0.628	0.004	0.016	0.071	0.398
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	750.	3022.24	43000.	23.	73128075.523	8551.496	163.2	230.	2300.	6300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	2.875	2.878	4.633	1.362	0.453	0.673	2.181	2.362	3.362	3.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			755.416								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	27	5.	5.111	15.	0.	17.353	4.166	0.8	1.	7.5	11.7
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	26	12.15	12.123	15.	8.	4.672	2.162	9.28	10.25	14.55	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.2	7.174	8.37	6.4	0.259	0.509	6.48	6.9	7.3	8.188
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.2	6.956	8.37	6.4	0.308	0.555	6.48	6.9	7.3	8.188
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	27	0.063	0.111	0.398	0.004	0.012	0.109	0.007	0.05	0.126	0.333
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	430.	5395.	43000.	23.	170959085.714	13075.132	93.	220.	3300.	43000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	2.633	2.855	4.633	1.362	0.694	0.833	1.968	2.342	3.498	4.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			715.72								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	17.5	16.406	25.	0.5	49.707	7.05	4.35	11.25	22.25	25.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.3	9.613	15.	6.9	4.228	2.056	7.56	8.2	10.	13.32
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.3	7.28	8.7	5.	0.665	0.815	5.9	7.1	7.6	8.328
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.3	6.139	8.7	5.	2.06	1.435	5.9	7.1	7.6	8.328
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.05	0.726	10.	0.002	6.587	2.567	0.006	0.025	0.079	4.19
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	1900.	5019.563	23000.	43.	55933055.063	7478.84	173.9	795.	6700.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	3.269	3.255	4.362	1.633	0.51	0.714	2.143	2.898	3.815	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1798.489								

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

Station Inventory for Station: GWMP0073

NPS Station ID: GWMP0073 LAT/LON: 38.766948/ -77.033726 Agency: 21VASWCB Date Created: 09/15/78
Location: NEAR MOUTH HUNTING CREEK-ROSIER BLUFF FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APOT105.96 /VA1A06UX0140/VA1A3X0140
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010023 RF1 Mile Point: 2.150 Distance from RF1: 24.20 On/Off RF1: OFF
RF3 Index: 02070010007702.96 RF3 Mile Point: 4.39 Distance from RF3: 0.26 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: POTOMAC RIVER SECTION: 06U TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-06/20/79	6	25.25	23.917	28.	16.	20.942	4.576	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/78-06/20/79	6	7.6	7.417	9.4	5.	2.346	1.532	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/78-06/20/79	6	3.5	4.	10.	1.	10.	3.162	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/78-06/20/79	6	8.3	8.2	8.5	7.8	0.064	0.253	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/78-06/20/79	6	8.3	8.134	8.5	7.8	0.069	0.263	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/78-06/20/79	6	0.005	0.007	0.016	0.003	0.	0.005	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/21/78-06/20/79	6	212.5	216.667	305.	152.	2660.267	51.578	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/21/78-06/20/79	6	47.	49.667	78.	31.	332.667	18.239	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/21/78-06/20/79	6	155.5	167.	242.	121.	1673.2	40.905	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-06/20/79	6	17.	21.5	46.	8.	181.9	13.487	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/21/78-06/20/79	6	4.5	4.667	9.	0.	11.867	3.445	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/21/78-06/20/79	6	14.	16.833	41.	5.	164.967	12.844	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/78-06/20/79	6	0.8	0.883	1.8	0.2	0.33	0.574	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/78-06/20/79	6	0.04	0.065	0.18	0.03	0.003	0.059	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/21/78-06/20/79	6	1.05	1.117	2.3	0.2	0.558	0.747	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/78-06/20/79	6	0.9	0.883	1.1	0.6	0.046	0.214	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/21/78-06/20/79	6	11.	10.667	17.	5.	18.667	4.32	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/78-06/20/79	6	150.	283.333	1100.	50.	164666.667	405.791	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/78-06/20/79	6	2.151	2.174	3.041	1.699	0.253	0.503	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			149.13								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/21/78-06/20/79	6	0.1	0.15	0.5	0.	0.039	0.197	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/21/78-06/20/79	6 ##	0.05	0.067	0.1	0.05	0.001	0.026	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/21/78-06/20/79	6	0.055	0.058	0.09	0.03	0.	0.02	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00				3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00				3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	3	0.50	3	2	0.67				3	1	0.33			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	6	3	0.50	3	2	0.67				3	1	0.33			

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

Station Inventory for Station: GWMP0074

NPS Station ID: GWMP0074 LAT/LON: 38.766948/ -77.121949 Agency: 21VASWCB Date Created: 04/10/93
Location: ROUTE 611 (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ADOU006.93
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: DOGUE CREEK SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/77-07/25/89	2	22.	22.	25.	19.	18.	4.243	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/25/89-07/25/89	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/89-07/25/89	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/12/77-07/25/89	2	13.1	13.1	17.7	8.5	42.32	6.505	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/12/77-07/25/89	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/12/77-07/25/89	2	21.5	21.5	27.	16.	60.5	7.778	**	**	**	**
00400	PH (STANDARD UNITS)	09/12/77-07/25/89	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/12/77-07/25/89	2	7.347	7.347	7.4	7.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/77-07/25/89	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/25/89-07/25/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/89-07/25/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/89-07/25/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/89-07/25/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/77-07/25/89	2	75.	75.	95.	55.	800.	28.284	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/12/77-07/25/89	2	28.5	28.5	35.	22.	84.5	9.192	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/12/77-07/25/89	2	46.5	46.5	60.	33.	364.5	19.092	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/12/77-07/25/89	2 ##	5.75	5.75	11.	0.5	55.125	7.425	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/12/77-07/25/89	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/12/77-07/25/89	2 ##	4.75	4.75	9.	0.5	36.125	6.01	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/12/77-07/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/77-07/25/89	2	0.075	0.075	0.14	0.01	0.008	0.092	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/12/77-07/25/89	2 ##	0.148	0.148	0.29	0.005	0.041	0.202	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/12/77-07/25/89	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/12/77-07/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/77-07/25/89	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/77-07/25/89	2	4.4	4.4	5.8	3.	3.92	1.98	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/89-07/25/89	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/89-07/25/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/89-07/25/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/89-07/25/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/25/89-07/25/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/25/89-07/25/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/25/89-07/25/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GWMP0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/25/89-07/25/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/25/89-07/25/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/25/89-07/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/25/89-07/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/25/89-07/25/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/25/89-07/25/89	1	1390.	1390.	1390.	1390.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/25/89-07/25/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/25/89-07/25/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01058	THALLIUM, SUSPENDED (UG/L AS TL)	07/25/89-07/25/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/25/89-07/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/25/89-07/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/25/89-07/25/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/12/77-09/12/77	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/12/77-09/12/77	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			500.								
71900	MERCURY, TOTAL (UG/L AS HG)	07/25/89-07/25/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/25/89-07/25/89	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01058	THALLIUM, SUSPENDED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	1	1.00	1	1	1.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0075

NPS Station ID: GWMP0075
LAT/LON: 38.769170/ -77.058893
Agency: 1113TIWQ
Date Created: / /
Location: FAIRFAX-WESTGATE STP VA.
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 031 /031 /STP-D
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010024
RF1 Mile Point: 0.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0075

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

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

Station Inventory for Station: GWMP0076

NPS Station ID: GWMP0076
LAT/LON: 38.769448/ -77.030560
Agency: 112WRD
Date Created: 12/02/81
Location: POTOMAC RIVER AT ROSIER BLUFF
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384605077015800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070011
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070011
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 02070010001700.68
RF3 Mile Point: 2.90
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-11/09/83	651	28.2	26.369	32.5	0.	29.965	5.474	20.8	26.1	29.4	30.
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	08/04/80-08/26/81	156	3.95	3.178	11.	0.	10.678	3.268	0.	0.	6.	7.86
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/30/80-06/30/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-11/09/83	431	19.	14.842	56.	0.	194.905	13.961	0.	0.	25.	33.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	662	323.	340.085	532.	180.	2795.518	52.873	294.3	307.	367.5	400.7
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/06/80	12	3.	2.758	6.1	0.	2.319	1.523	0.09	2.7	3.175	5.23
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-08/26/81	139	0.5	0.53	2.5	0.	0.299	0.547	0.	0.	1.	1.2
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/05/80-08/26/81	130	172.5	510.851	2000.	0.	355752.769	596.45	0.	0.	923.25	1500.
00300	OXYGEN, DISSOLVED MG/L	10/06/79-11/09/83	646	5.3	5.901	13.1	0.	3.371	1.836	4.2	4.7	6.9	8.4
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/19/79-08/26/81	123	0.	-0.07	0.5	-1.9	0.065	0.255	0.	0.	0.	-0.3
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/19/79-08/26/81	96	11.7	10.832	18.1	0.	10.137	3.184	6.31	9.625	12.	14.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/19/79-08/26/81	122	6.	5.745	13.	0.	8.223	2.868	0.	4.5	7.3	9.11
00321	BOD, ULTIMATE SECOND STAGE MG/L	07/19/79-08/26/81	95	5.2	5.099	11.	0.	4.375	2.092	2.26	3.7	6.7	7.4
00400	PH (STANDARD UNITS)	04/22/80-11/09/83	637	6.8	6.861	8.3	5.6	0.2	0.447	6.3	6.6	7.	7.5
00400	CONVERTED PH (STANDARD UNITS)	04/22/80-11/09/83	637	6.8	6.654	8.3	5.6	0.243	0.493	6.3	6.6	7.	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/80-11/09/83	637	0.158	0.222	2.512	0.005	0.072	0.268	0.032	0.1	0.251	0.501
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-07/21/81	5	0.	1.34	6.7	0.	8.978	2.996	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/79-08/07/80	3	69.	61.667	71.	45.	209.333	14.468	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	74	2.3	2.509	4.6	0.	0.641	0.801	1.8	2.	2.825	3.65
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	25	0.77	0.678	1.2	0.	0.149	0.386	0.06	0.32	0.995	1.1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	54	0.475	0.484	1.3	0.	0.078	0.28	0.105	0.228	0.66	0.84
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	66	0.695	0.684	1.8	0.01	0.189	0.435	0.127	0.288	0.938	1.33
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	25	0.22	0.467	1.7	0.	0.229	0.478	0.094	0.12	0.685	1.44
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	69	0.11	0.119	0.26	0.01	0.005	0.072	0.03	0.045	0.185	0.23
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-07/23/80	3	0.03	0.023	0.04	0.	0.	0.021	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	69	0.83	1.252	3.6	0.	0.717	0.847	0.3	0.71	1.6	2.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	73	1.3	1.235	2.8	0.32	0.266	0.516	0.564	0.815	1.6	1.96
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	73	0.2	0.262	1.	0.	0.074	0.272	0.	0.	0.4	0.692
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	74	1.4	1.427	2.8	0.57	0.229	0.479	0.8	1.1	1.8	2.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	74	1.	1.326	3.6	0.06	0.733	0.856	0.3	0.8	1.7	2.75
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	73	0.132	0.13	0.21	0.053	0.001	0.035	0.076	0.107	0.159	0.171

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

Parameter Inventory for Station: GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	73	0.05	0.054	0.109	0.002	0.001	0.023	0.025	0.037	0.073	0.088
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-11/09/83	11	0.029	0.039	0.093	0.012	0.001	0.028	0.013	0.015	0.052	0.092
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	09/21/83-09/21/83	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/79-08/26/81	47	5.2	5.443	19.	2.2	5.7	2.387	3.32	4.6	5.7	7.46
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	31	3.4	3.735	13.	0.9	3.482	1.866	2.92	3.2	3.9	4.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/25/81	5	110.	107.4	120.	87.	198.8	14.1	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/79-08/07/80	3	34.	36.667	43.	33.	30.333	5.508	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/79-08/25/81	5	30.	29.	34.	20.	34.	5.831	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/79-08/25/81	5	8.4	8.28	9.2	6.6	1.097	1.047	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/79-08/25/81	5	19.	18.8	23.	16.	7.2	2.683	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/29/79-08/25/81	5	0.8	0.8	0.9	0.7	0.01	0.1	**	**	**	**
00932	SODIUM, PERCENT	08/29/79-08/25/81	5	27.	27.	31.	23.	10.	3.162	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/79-08/25/81	5	3.8	3.94	4.5	3.5	0.163	0.404	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/25/81	5	21.	23.	34.	18.	40.	6.325	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/25/81	5	46.	47.6	57.	43.	31.3	5.595	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	4	0.3	0.275	0.3	0.2	0.002	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	71	4.2	3.725	8.4	0.5	4.127	2.031	0.84	2.1	5.5	5.9
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/81-07/20/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	80.	80.	140.	20.	7200.	84.853	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	1900.	4633.609	24400.	0.	43756855.885	6614.897	4.	60.	6350.	17560.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	3.279	2.827	4.387	0.	1.711	1.308	0.4	1.778	3.803	4.244
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			670.951								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	608.	1253.522	6900.	0.	2593389.897	1610.401	0.	240.	1920.	3592.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	2.784	2.547	3.839	0.	1.218	1.104	0.	2.38	3.283	3.537
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			352.611								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/15/79-11/09/83	410	24.6	28.195	87.8	0.	424.967	20.615	4.11	10.85	40.9	58.73
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-10/06/79	17	20.8	19.753	28.3	1.9	43.936	6.628	6.78	17.8	24.	27.42
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/15/79-11/09/83	409	11.8	12.168	131.	0.	82.118	9.062	4.	6.1	16.1	20.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/15/79-11/09/83	409	30.8	33.554	147.	0.	500.691	22.376	6.	14.9	47.05	64.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-10/06/79	17	17.1	15.029	25.3	1.9	33.801	5.814	2.06	12.95	18.15	20.18
32230	CHLOROPHYLL A (MG/L)	07/19/79-10/06/79	17	0.033	0.03	0.046	0.003	0.	0.01	0.015	0.028	0.036	0.04
60050	ALGAE, TOTAL (CELLS/ML)	08/27/79-08/26/81	39	8800.	11366.154	56000.	900.	133240045.344	11542.965	2400.	3900.	13000.	23500.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/79-08/25/81	5	180.	179.2	210.	150.	501.2	22.387	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/79-08/25/81	5	0.24	0.246	0.29	0.21	0.001	0.03	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	14	31.	31.571	46.	11.	101.648	10.082	15.5	25.25	41.25	44.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	30	1.75	3.359	14.1	0.	10.881	3.299	0.911	1.185	5.775	8.97
71100	SESTON, TOTAL - MG/L	08/29/79-08/20/80	18	21.5	24.389	47.	14.	78.899	8.882	16.25	19.125	25.5	45.2
71101	SESTON, ASH FREE WGT (MG/L)	08/29/79-08/20/80	18	17.	19.922	40.5	9.	76.485	8.746	11.25	15.375	20.375	40.05
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	10	0.9	1.	2.1	0.	0.5	0.707	0.01	0.4	1.725	2.07
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	54	0.975	0.954	2.3	0.01	0.341	0.584	0.15	0.49	1.3	1.8
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/79-08/26/81	57	3.3	4.464	16.	0.	9.272	3.045	1.3	2.85	6.2	8.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/19/79-08/26/81	58	0.36	0.392	0.85	0.03	0.06	0.244	0.1	0.13	0.62	0.76
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	63	21.	21.27	69.	0.	93.942	9.692	10.8	16.	26.	29.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	07/20/81-07/20/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/25/81-08/25/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/19/79-08/26/81	95	0.35	0.455	7.9	0.	0.642	0.801	0.172	0.24	0.52	0.718
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/19/79-08/26/81	122	0.15	0.141	0.32	0.	0.004	0.066	0.	0.11	0.19	0.21
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/19/79-08/26/81	123	0.	0.081	1.7	-0.47	0.071	0.266	0.	0.	0.	0.506
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/19/79-08/26/81	94	5.65	5.351	10.7	0.	5.517	2.349	1.85	3.5	7.1	8.
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	16	560.	7489.375	42000.	40.	155702392.917	12478.076	75.	230.	14375.	29400.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-10/16/81	16	2.736	3.02	4.623	1.602	0.958	0.979	1.849	2.362	4.153	4.453
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			1046.804								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	17	2400.	3718.235	9300.	1000.	6008527.941	2451.23	1248.	2300.	4300.	9300.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-10/16/81	17	3.38	3.49	3.968	3.	0.074	0.272	3.094	3.362	3.633	3.968
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3089.994								

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

Parameter Inventory for Station: GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	6	38.5	32.5	45.	14.	214.7	14.653	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0076

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	646	54	0.08	513	52	0.10	26	0	0.00	107	2	0.02			
00400	PH	Other-Hi Lim.	9.	637	0	0.00	506	0	0.00	26	0	0.00	105	0	0.00			
		Other-Lo Lim.	6.5	637	122	0.19	506	117	0.23	26	0	0.00	105	5	0.05			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	16	0.70	18	11	0.61	4	4	1.00	1	1	1.00			

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

Annual Analysis for 1979 - Station GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	19	355.	313.895	370.	180.	5094.433	71.375	180.	317.	360.	365.
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	2.2	2.159	3.1	1.7	0.13	0.361	1.78	1.85	2.35	2.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	9	0.75	0.888	1.8	0.1	0.251	0.501	0.1	0.635	1.3	1.8
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	13	0.04	0.048	0.11	0.01	0.001	0.027	0.018	0.04	0.05	0.106
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	13	0.3	0.5	1.3	0.28	0.111	0.334	0.28	0.285	0.725	1.176
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	1.6	1.666	2.8	0.71	0.217	0.465	0.87	1.5	1.95	2.24
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	17	0.2	0.164	0.5	0.	0.024	0.154	0.	0.	0.3	0.34
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	17	1.9	1.805	2.8	0.7	0.237	0.486	0.932	1.5	2.1	2.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	17	0.4	0.494	1.3	0.3	0.089	0.299	0.3	0.3	0.65	1.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	17	0.158	0.153	0.192	0.116	0.	0.02	0.122	0.137	0.166	0.178
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	17	0.066	0.067	0.092	0.038	0.	0.016	0.047	0.052	0.079	0.091
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	17	2.3	3.371	8.4	2.	4.268	2.066	2.08	2.2	4.2	7.52
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	13	23.	23.538	69.	10.	231.603	15.218	10.	12.5	26.5	52.6

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

Annual Analysis for 1980 - Station GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	423	316.	328.4	516.	200.	1842.094	42.92	293.	303.	340.	380.
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	29	2.3	2.403	4.6	0.	0.715	0.846	1.6	1.95	2.7	3.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	28	0.91	0.991	1.7	0.49	0.087	0.294	0.679	0.788	1.175	1.5
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	28	0.155	0.156	0.26	0.02	0.004	0.067	0.059	0.103	0.223	0.241
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	28	0.74	0.965	3.6	0.	0.52	0.721	0.598	0.712	0.795	2.42
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	28	1.4	1.373	2.1	0.65	0.165	0.407	0.786	0.992	1.6	2.1
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	28	0.08	0.194	0.9	0.	0.08	0.283	0.	0.	0.375	0.814
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	29	1.5	1.409	2.2	0.57	0.178	0.422	0.77	1.15	1.75	2.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	28	0.9	1.113	3.6	0.06	0.475	0.69	0.69	0.9	1.	2.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	28	0.126	0.128	0.21	0.068	0.001	0.035	0.082	0.102	0.159	0.175
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	28	0.043	0.048	0.084	0.002	0.	0.02	0.025	0.035	0.065	0.08
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	28	5.45	4.95	6.	1.7	1.429	1.195	2.76	4.575	5.775	5.9
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	24	22.	22.5	48.	7.	64.957	8.06	13.	18.25	25.75	32.5

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

Annual Analysis for 1981 - Station GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	148	324.	347.216	532.	209.	3338.62	57.781	275.	318.25	388.	400.1
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	2.3	2.394	3.5	1.1	0.359	0.599	1.5	2.1	2.8	3.42
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	17	0.17	0.252	0.72	0.01	0.036	0.19	0.066	0.12	0.41	0.544
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	0.08	0.112	0.23	0.02	0.005	0.071	0.028	0.05	0.185	0.206
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	1.4	1.523	2.7	0.59	0.224	0.474	1.078	1.3	1.6	2.54
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	17	0.69	0.762	1.7	0.32	0.111	0.333	0.384	0.52	0.905	1.22
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	17	0.43	0.405	0.88	0.	0.056	0.237	0.048	0.235	0.55	0.736
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	17	1.1	1.161	1.6	0.65	0.077	0.277	0.762	0.985	1.35	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	17	1.6	1.635	2.7	0.7	0.195	0.442	1.18	1.45	1.7	2.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	17	0.127	0.136	0.175	0.076	0.001	0.026	0.103	0.12	0.157	0.172
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	17	0.047	0.052	0.109	0.024	0.001	0.024	0.028	0.033	0.07	0.092
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	16	3.25	3.025	6.8	0.8	3.833	1.958	0.94	1.125	4.6	5.47
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	17	18.	18.941	33.	0.	55.309	7.437	7.2	16.	24.	28.2

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

Annual Analysis for 1983 - Station GWMP0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-11/09/83	72	397.5	400.986	485.	318.	2008.915	44.821	331.9	372.	435.25	469.7
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	11	3.6	3.509	4.3	1.9	0.531	0.729	2.08	3.1	4.1	4.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-11/09/83	12	0.38	0.429	0.79	0.24	0.035	0.188	0.24	0.265	0.618	0.751
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	11	0.11	0.119	0.21	0.02	0.004	0.061	0.022	0.1	0.17	0.208
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	11	2.6	2.455	3.	1.4	0.299	0.547	1.5	2.	2.9	3.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-11/09/83	11	1.1	0.945	1.3	0.5	0.107	0.327	0.5	0.6	1.2	1.3
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-11/09/83	11	0.2	0.364	1.	0.	0.115	0.338	0.02	0.2	0.5	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-11/09/83	11	1.2	1.3	2.3	0.8	0.29	0.539	0.8	0.8	1.4	2.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-11/09/83	12	2.7	2.567	3.1	1.4	0.272	0.521	1.61	2.15	3.	3.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-11/09/83	11	0.086	0.089	0.155	0.053	0.001	0.032	0.053	0.061	0.106	0.149
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-11/09/83	11	0.039	0.05	0.098	0.013	0.001	0.033	0.013	0.023	0.092	0.097
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-11/09/83	10	0.7	2.02	7.1	0.5	4.828	2.197	0.52	0.7	3.15	6.84
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-11/09/83	9	18.	19.111	34.	10.	53.611	7.322	10.	13.5	23.5	34.

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

Station Inventory for Station: GWMP0077

NPS Station ID: GWMP0077 LAT/LON: 38.770005/ -77.031670 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROSIER BLUFF 100 METERS WEST OF BUOY D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): PMS51
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0087.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010023 RF1 Mile Point: 2.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002200.58 RF3 Mile Point: 0.79 Distance from RF3: 0.47 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROSIER BLUFF 100 METERS WEST OF BUOY D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	280	23.7	19.811	31.	0.	65.194	8.074	7.1	12.8	26.5	28.4
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	47	5.	32.872	100.	0.	1984.505	44.548	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	60	0.6	0.63	1.1	0.1	0.067	0.259	0.3	0.4	0.8	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	232	311.5	321.806	563.	117.	9520.209	97.572	218.	238.	386.	443.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	279	7.1	7.319	18.5	1.6	6.765	2.601	3.1	5.7	9.1	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	62	1.4	1.635	3.2	0.5	0.771	0.878	0.5	1.	2.4	2.97
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	255	7.3	7.417	8.3	5.7	0.132	0.364	7.1	7.1	7.7	7.94
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	255	7.3	7.236	8.3	5.7	0.165	0.406	7.1	7.1	7.7	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	255	0.05	0.058	1.995	0.005	0.017	0.129	0.012	0.02	0.079	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	69	70.	69.565	100.	28.	220.102	14.836	48.	62.	80.	88.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	51	13.	16.039	96.	0.	258.278	16.071	4.	7.	21.	28.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	68	0.167	0.23	1.51	0.	0.05	0.224	0.046	0.093	0.3	0.46
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	69	0.027	0.051	0.207	0.005	0.003	0.053	0.011	0.015	0.068	0.147
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	69	1.87	1.924	3.56	0.	0.461	0.679	1.03	1.52	2.345	2.91
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	47	0.68	0.684	1.23	0.	0.074	0.272	0.327	0.489	0.915	1.042
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	45	0.077	0.079	0.236	0.	0.001	0.036	0.047	0.056	0.096	0.116
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	44	0.041	0.045	0.083	0.	0.	0.021	0.017	0.03	0.061	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	63	0.02	0.024	0.086	0.004	0.	0.016	0.004	0.013	0.032	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	50	3.7	3.702	8.3	0.	2.725	1.651	1.7	2.7	4.425	5.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	65	3.4	3.451	6.5	0.	1.856	1.362	1.62	2.6	4.4	5.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	66	121.	118.894	188.	62.	634.035	25.18	86.	100.	132.	153.2
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	3	40.	47.333	68.	34.	329.333	18.148	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	47	2.5	2.321	3.7	0.3	0.929	0.964	0.82	1.6	3.1	3.42
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	18 ##	5.	5.139	10.	2.5	1.818	1.348	4.75	5.	5.	5.5
01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	18 ##	8.	8.667	12.5	5.	14.353	3.789	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	18	556.5	563.194	1490.	190.	120459.681	347.073	200.35	285.25	719.5	1133.6
01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	17	20.	38.588	119.	2.5	1307.789	36.163	4.9	10.	63.5	110.2
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	10 ##	2.5	2.45	2.5	2.	0.025	0.158	2.05	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-11/13/89	31	1400.	4829.355	54000.	20.	97500479.57	9874.233	110.	460.	4900.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-11/13/89	31	3.146	3.126	4.732	1.301	0.64	0.8	1.962	2.663	3.69	4.041

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

Parameter Inventory for Station: GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1337.226								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	33	130.	268.727	2300.	10.	209990.642	458.247	10.	10.	330.	760.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	33	2.114	1.943	3.362	1.	0.52	0.721	1.	1.	2.519	2.86
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			87.718								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	300.	652.	1620.	160.	403720.	635.39	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.477	2.637	3.21	2.204	0.195	0.441	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			433.114								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	1800.	6740.	16100.	700.	56363000.	7507.53	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.255	3.518	4.207	2.845	0.379	0.616	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			3296.165								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	23	4.	6.652	30.	0.5	49.737	7.052	0.5	1.	10.	15.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	23	3.	6.87	37.	0.5	103.141	10.156	0.5	0.5	7.	26.
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	18 ##	0.1	0.103	0.15	0.1	0.	0.012	0.1	0.1	0.1	0.105
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	70	18.	31.886	522.	7.	4062.856	63.741	11.	13.	26.25	58.8

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

EPA Water Quality Criteria Analysis for Station: GWMP0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	279	29	0.10	149	0	0.00	49	8	0.16	81	21	0.26			
00400	PH	Other-Hi Lim.	9.	255	0	0.00	139	0	0.00	50	0	0.00	66	0	0.00			
		Other-Lo Lim.	6.5	255	2	0.01	139	1	0.01	50	0	0.00	66	1	0.02			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	69	0	0.00	24	0	0.00	27	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	69	0	0.00	24	0	0.00	27	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5000.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	18	0.58	11	6	0.55	11	7	0.64	9	5	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	12	0.36	12	2	0.17	11	6	0.55	10	4	0.40			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	4	0.80	3	2	0.67				2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	70	7	0.10	25	1	0.04	27	2	0.07	18	4	0.22			

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

Annual Analysis for 1983 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	9.	12.167	20.5	7.	53.083	7.286	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	3	0.9	0.667	1.	0.1	0.243	0.493	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	3	215.	237.333	380.	117.	17666.333	132.915	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.2	10.033	12.6	7.3	7.043	2.654	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.	7.067	7.3	6.9	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.	7.036	7.3	6.9	0.045	0.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	3	0.1	0.092	0.126	0.05	0.001	0.039	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	80.	70.	86.	44.	516.	22.716	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.212	0.273	0.516	0.092	0.048	0.219	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.011	0.033	0.077	0.01	0.001	0.038	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	1.58	1.47	2.28	0.55	0.757	0.87	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.062	0.056	0.064	0.043	0.	0.012	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	3.8	4.1	5.3	3.2	1.17	1.082	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	14.	48.667	120.	12.	3817.333	61.785	**	**	**	**

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

Annual Analysis for 1984 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	44	25.75	22.316	29.	0.	60.496	7.778	12.25	15.	28.325	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	5	0.4	0.54	1.1	0.2	0.133	0.365	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	17	236.	249.941	486.	123.	6677.684	81.717	143.	235.5	253.5	396.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	44	7.1	7.084	18.5	2.9	9.862	3.14	3.	3.95	9.1	9.3
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	23	7.7	7.609	8.	6.3	0.101	0.318	7.34	7.6	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	23	7.7	7.362	8.	6.3	0.165	0.406	7.34	7.6	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	23	0.02	0.043	0.501	0.01	0.01	0.1	0.014	0.02	0.025	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	9	76.	71.111	92.	46.	227.111	15.07	46.	57.	81.	92.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.094	0.253	0.818	0.046	0.077	0.277	0.046	0.053	0.473	0.818
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.013	0.024	0.059	0.005	0.	0.019	0.005	0.01	0.04	0.059
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	1.64	1.822	3.05	1.	0.313	0.559	1.	1.555	2.02	3.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	9	0.026	0.026	0.044	0.004	0.	0.012	0.004	0.018	0.034	0.044
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	5	2.4	2.2	3.4	0.5	1.555	1.247	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	9	106.	108.444	140.	78.	562.778	23.723	78.	84.	133.	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	10	18.	30.8	66.	11.	539.956	23.237	11.2	13.75	61.5	66.

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Annual Analysis for 1985 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	12	12.2	12.325	20.	5.3	9.858	3.14	7.37	12.2	12.3	17.78
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	3	0.5	0.567	0.8	0.4	0.043	0.208	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	12	272.	269.167	284.	226.	197.061	14.038	239.5	271.25	272.75	280.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	12	10.5	10.35	12.5	6.5	1.797	1.341	7.67	10.5	10.6	11.93
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.7	7.75	8.2	7.7	0.021	0.145	7.7	7.7	7.7	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.7	7.733	8.2	7.7	0.021	0.146	7.7	7.7	7.7	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	12	0.02	0.018	0.02	0.006	0.	0.004	0.009	0.02	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	62.	61.333	64.	58.	9.333	3.055	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.091	0.137	0.299	0.02	0.021	0.145	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.013	0.04	0.097	0.011	0.002	0.049	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	1.87	2.307	3.24	1.81	0.654	0.809	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.031	0.033	0.047	0.02	0.	0.014	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	3.	2.5	4.	0.5	3.25	1.803	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	3	118.	113.333	118.	104.	65.333	8.083	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	18.	26.333	48.	13.	358.333	18.93	**	**	**	**

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

Annual Analysis for 1986 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	38	23.7	21.466	28.7	2.1	56.729	7.532	6.02	19.3	26.5	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	9	0.7	0.756	1.1	0.4	0.053	0.23	0.4	0.6	0.95	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	38	382.	409.447	563.	232.	10531.281	102.622	311.9	314.	519.25	561.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	38	7.	7.047	13.5	1.6	4.643	2.155	5.1	6.1	7.225	9.42
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	38	7.2	7.518	8.3	7.2	0.16	0.401	7.2	7.2	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	38	7.2	7.381	8.3	7.2	0.18	0.424	7.2	7.2	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	38	0.063	0.042	0.063	0.005	0.001	0.025	0.008	0.01	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	76.	73.833	88.	60.	119.606	10.936	60.6	62.5	83.5	88.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.161	0.206	0.457	0.	0.021	0.143	0.013	0.086	0.285	0.451
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.034	0.064	0.184	0.005	0.004	0.061	0.009	0.019	0.132	0.171
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.905	2.02	3.56	1.09	0.476	0.69	1.144	1.455	2.44	3.266
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	11	0.013	0.015	0.037	0.004	0.	0.01	0.004	0.011	0.017	0.035
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.	3.142	5.9	1.5	1.486	1.219	1.62	2.225	3.975	5.42
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	130.	133.	178.	100.	572.	23.917	100.	118.	146.	175.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	12.5	15.083	38.	9.	58.083	7.621	9.6	12.	14.75	32.3

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

Annual Analysis for 1987 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	65	16.3	18.094	29.5	3.2	77.433	8.8	7.1	8.3	26.7	28.94
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.6	0.645	1.1	0.2	0.091	0.301	0.22	0.4	1.	1.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	65	262.	297.277	473.	161.	9029.922	95.026	165.2	222.5	388.5	427.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	65	6.4	6.089	11.1	1.6	6.872	2.621	2.1	3.1	8.8	9.2
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	60	7.1	7.165	7.7	6.8	0.044	0.211	6.9	7.	7.3	7.49
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	60	7.1	7.118	7.7	6.8	0.047	0.216	6.9	7.	7.3	7.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	60	0.079	0.076	0.158	0.02	0.001	0.035	0.032	0.05	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	70.	71.167	96.	48.	227.97	15.099	49.2	58.5	82.5	94.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.211	0.244	0.521	0.046	0.022	0.147	0.064	0.147	0.348	0.511
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.026	0.05	0.167	0.014	0.003	0.051	0.014	0.016	0.076	0.156
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	2.2	2.112	2.76	1.03	0.238	0.488	1.192	1.83	2.47	2.727
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	12	0.019	0.02	0.039	0.004	0.	0.012	0.004	0.008	0.029	0.037
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	2.9	3.342	6.5	1.	2.401	1.549	1.21	2.6	4.75	6.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	119.	118.333	160.	76.	711.152	26.667	79.	95.5	134.	160.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	17.	60.083	522.	7.	21242.629	145.749	7.6	11.5	28.75	376.8

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

Annual Analysis for 1988 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	32	24.5	23.034	31.	4.3	44.106	6.641	12.82	21.8	25.375	30.77
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	10	0.55	0.56	0.9	0.2	0.056	0.237	0.21	0.375	0.8	0.89
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	32	397.	393.531	545.	168.	6745.805	82.133	233.4	373.5	458.	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	31	6.4	6.674	10.6	5.3	2.011	1.418	5.32	5.5	7.2	8.64

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

Annual Analysis for 1988 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	33	7.4	7.336	7.7	5.7	0.124	0.353	7.1	7.2	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	33	7.4	6.982	7.7	5.7	0.254	0.504	7.1	7.2	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	33	0.04	0.104	1.995	0.02	0.116	0.34	0.025	0.025	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	11	70.	71.455	100.	38.	430.473	20.748	38.4	60.	90.	98.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.168	0.314	1.51	0.02	0.172	0.415	0.034	0.131	0.354	1.299
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.023	0.075	0.207	0.012	0.006	0.078	0.013	0.017	0.152	0.202
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	1.79	1.945	3.21	0.87	0.568	0.754	0.9	1.48	2.72	3.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	7	0.019	0.018	0.032	0.004	0.	0.01	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	11	4.8	4.636	6.	3.1	0.753	0.867	3.16	4.1	5.1	5.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	11	125.	121.727	188.	62.	1419.618	37.678	62.4	100.	152.	181.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	11	20.	36.455	138.	7.	1572.473	39.654	8.4	15.	38.	127.2

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

Annual Analysis for 1989 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	30	24.4	20.493	27.9	3.5	57.21	7.564	6.57	16.	26.4	27.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.5	0.545	0.8	0.3	0.023	0.151	0.32	0.4	0.7	0.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	17	310.	318.529	381.	229.	1269.765	35.634	277.8	304.	343.	374.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	30	9.05	8.593	12.8	5.9	2.744	1.657	6.4	7.3	9.375	11.1
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	30	7.7	7.65	8.3	7.3	0.065	0.256	7.3	7.5	7.7	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	30	7.7	7.589	8.3	7.3	0.069	0.263	7.3	7.5	7.7	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	30	0.02	0.026	0.05	0.005	0.	0.013	0.008	0.02	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	11	74.	71.818	84.	54.	65.164	8.072	55.6	68.	76.	82.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.181	0.181	0.339	0.02	0.014	0.118	0.024	0.054	0.324	0.337
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.021	0.028	0.054	0.013	0.	0.015	0.013	0.017	0.044	0.052
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	1.93	2.037	3.33	1.01	0.588	0.767	1.07	1.35	2.68	3.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	10	0.022	0.03	0.086	0.01	0.001	0.023	0.01	0.013	0.039	0.082
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	11	3.4	3.4	5.7	2.2	0.988	0.994	2.24	2.4	3.9	5.38
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	11	124.	121.091	136.	92.	145.091	12.045	96.4	116.	132.	135.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	11	20.	19.273	26.	11.	27.818	5.274	11.4	14.	25.	26.

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

Annual Analysis for 1990 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	56	17.75	18.518	27.1	5.8	62.406	7.9	6.2	11.	25.5	26.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	8	0.65	0.738	1.1	0.5	0.054	0.233	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	48	269.	282.875	368.	207.	3123.771	55.891	218.	238.	334.	367.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	56	7.4	7.996	12.1	5.3	6.33	2.516	5.5	5.6	10.6	12.
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	56	7.2	7.409	8.	7.	0.146	0.382	7.1	7.1	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	56	7.2	7.279	8.	7.	0.163	0.404	7.1	7.1	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	56	0.063	0.053	0.1	0.01	0.001	0.032	0.01	0.013	0.079	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	8	60.	56.25	70.	28.	190.214	13.792	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	8	0.141	0.19	0.441	0.	0.019	0.14	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	8	0.067	0.075	0.147	0.015	0.003	0.058	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	8	1.74	1.454	1.96	0.	0.429	0.655	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	8	0.021	0.023	0.054	0.004	0.	0.016	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	8	3.8	3.413	4.5	0.	2.138	1.462	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	8	102.	105.5	124.	90.	253.429	15.919	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	8	25.	23.	31.	12.	46.571	6.824	**	**	**	**

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Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	149	25.5	24.758	31.	16.	14.576	3.818	19.3	23.7	27.15	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	18	0.6	0.611	1.	0.3	0.027	0.164	0.39	0.5	0.7	0.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	119	380.	381.487	563.	241.	6235.015	78.962	269.	321.	429.	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	149	6.7	6.832	11.2	4.9	1.654	1.286	5.4	5.7	7.3	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	20	2.55	2.26	3.2	0.5	0.73	0.854	1.	1.625	2.975	3.19
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	139	7.2	7.291	8.3	5.7	0.099	0.315	7.	7.1	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	139	7.2	7.133	8.3	5.7	0.124	0.352	7.	7.1	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	139	0.063	0.074	1.995	0.005	0.028	0.167	0.02	0.032	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	24	76.	75.417	100.	48.	157.732	12.559	61.	64.	85.5	92.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	16	11.	12.75	32.	0.	65.667	8.103	1.4	8.25	18.5	25.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	23	0.181	0.275	1.51	0.	0.098	0.313	0.016	0.054	0.378	0.505
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	0.101	0.103	0.207	0.013	0.003	0.057	0.032	0.044	0.146	0.183
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	1.98	2.006	3.56	0.	0.711	0.843	0.775	1.633	2.613	3.185
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	16	0.832	0.787	1.12	0.	0.064	0.254	0.403	0.693	0.932	1.064
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	15	0.079	0.072	0.119	0.	0.001	0.027	0.028	0.06	0.088	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	14	0.042	0.042	0.083	0.	0.	0.022	0.008	0.03	0.055	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	22	0.018	0.022	0.062	0.004	0.	0.015	0.004	0.01	0.033	0.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	4.05	3.919	7.6	0.	3.088	1.757	1.54	2.725	4.975	6.34
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	23	4.	3.643	6.	0.	2.239	1.496	1.8	2.6	4.8	5.82
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	23	128.	131.304	170.	90.	324.949	18.026	108.4	122.	140.	158.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	15	1.6	1.86	3.4	0.5	0.967	0.983	0.5	1.1	2.9	3.34
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-11/13/89	11	1300.	3319.091	11000.	20.	17355669.091	4166.014	78.	490.	4900.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-11/13/89	11	3.114	3.067	4.041	1.301	0.647	0.804	1.539	2.69	3.69	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1167.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	12 ##	15.	87.5	330.	10.	11711.364	108.219	10.	10.	160.	300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	12 ##	1.151	1.547	2.519	1.	0.409	0.639	1.	1.	2.201	2.471
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.258								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	25	16.	19.12	66.	7.	135.277	11.631	11.	12.5	21.5	31.

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	50	6.8	7.604	13.1	0.	11.125	3.335	3.23	5.775	10.55	12.29
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	25	0.8	0.692	1.1	0.1	0.098	0.313	0.26	0.4	1.	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	42	272.	288.643	545.	117.	8794.479	93.779	211.5	222.	341.	445.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	49	10.6	9.549	18.5	1.6	14.539	3.813	2.4	7.5	12.05	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	26	1.	1.115	2.9	0.5	0.437	0.661	0.5	0.5	1.4	2.18
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	50	7.7	7.596	8.3	6.9	0.127	0.356	7.1	7.3	7.825	8.
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	50	7.7	7.452	8.3	6.9	0.148	0.385	7.1	7.3	7.825	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	50	0.02	0.035	0.126	0.005	0.001	0.03	0.01	0.015	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	27	68.	68.519	96.	28.	235.875	15.358	50.4	60.	80.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	22	8.	14.136	70.	4.	235.647	15.351	4.	5.	19.	34.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	27	0.168	0.218	0.818	0.02	0.031	0.176	0.02	0.092	0.324	0.457
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	27	0.017	0.023	0.147	0.005	0.001	0.026	0.01	0.013	0.023	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	27	2.17	2.166	3.33	1.31	0.274	0.524	1.56	1.74	2.38	3.082
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	20	0.494	0.554	1.13	0.229	0.051	0.227	0.28	0.387	0.644	0.915
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	20	0.064	0.081	0.236	0.038	0.002	0.045	0.042	0.053	0.101	0.122
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	20	0.043	0.047	0.077	0.018	0.	0.018	0.023	0.032	0.062	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	24	0.024	0.027	0.086	0.004	0.	0.019	0.011	0.014	0.038	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	22	3.6	3.427	8.3	0.5	2.726	1.651	0.86	2.475	4.05	4.99
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	26	3.35	3.019	5.3	0.5	1.306	1.143	1.2	2.275	3.65	4.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	25	120.	121.92	188.	86.	667.827	25.842	88.4	102.	132.	167.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	19	3.	2.679	3.7	1.3	0.558	0.747	1.6	2.1	3.2	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-11/13/89	11	1600.	7046.364	54000.	460.	247514965.455	15732.608	460.	490.	4900.	44600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-11/13/89	11	3.204	3.306	4.732	2.663	0.409	0.64	2.663	2.69	3.69	4.555

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2023.53								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	11	220.	542.273	2300.	50.	496326.818	704.505	58.	95.	940.	2100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	11	2.342	2.44	3.362	1.699	0.274	0.523	1.75	1.978	2.973	3.312
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			275.179								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	27	18.	25.074	120.	9.	531.533	23.055	10.6	13.	29.	51.6

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	81	17.3	18.244	29.	7.1	52.38	7.237	7.2	12.2	26.5	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	17	0.6	0.559	1.1	0.2	0.06	0.245	0.2	0.35	0.7	0.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	71	237.	241.394	374.	161.	2481.728	49.817	166.4	218.	261.	314.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	81	7.5	6.868	10.8	2.	8.032	2.834	2.1	3.1	9.1	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	16	1.5	1.7	3.1	0.5	0.487	0.698	0.85	1.15	2.3	2.82
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	66	7.6	7.547	8.1	6.3	0.135	0.367	7.1	7.3	7.825	8.03
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	66	7.6	7.369	8.1	6.3	0.167	0.408	7.1	7.3	7.825	8.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	66	0.025	0.043	0.501	0.008	0.004	0.063	0.009	0.015	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	18	64.	63.333	84.	38.	215.059	14.665	39.8	51.	76.5	80.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	13	16.	23.308	96.	11.	503.397	22.437	11.8	13.	22.5	69.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.143	0.193	0.572	0.058	0.018	0.135	0.083	0.097	0.24	0.469
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.02	0.026	0.059	0.005	0.	0.015	0.01	0.015	0.038	0.055
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	1.46	1.452	1.96	0.87	0.124	0.352	0.996	1.075	1.81	1.933
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	11	0.796	0.773	1.23	0.31	0.087	0.296	0.314	0.572	0.978	1.194
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	10	0.082	0.087	0.155	0.05	0.001	0.031	0.051	0.062	0.102	0.151
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	10	0.039	0.044	0.083	0.005	0.001	0.026	0.006	0.02	0.069	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	17	0.02	0.022	0.054	0.004	0.	0.013	0.004	0.012	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	4.1	3.917	7.	1.1	2.452	1.566	1.43	2.825	4.625	6.61
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	3.65	3.875	6.5	1.	1.886	1.373	1.84	3.1	4.825	5.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	18	100.	98.833	125.	62.	412.971	20.322	63.8	81.	116.	124.1
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	13	2.6	2.331	3.4	0.3	1.127	1.062	0.34	1.6	3.1	3.36
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-11/13/89	9	1700.	3965.556	13000.	20.	23804552.778	4878.991	20.	170.	8500.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-11/13/89	9	3.23	2.978	4.114	1.301	1.006	1.003	1.301	2.138	3.923	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			951.094								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	10	125.	185.3	490.	10.	37865.344	194.59	10.	10.	370.	490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-11/13/89	10	2.067	1.872	2.69	1.	0.529	0.727	1.	1.	2.561	2.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			74.457								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	18	22.5	59.833	522.	7.	14346.147	119.775	11.5	14.	43.5	176.4

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

Station Inventory for Station: GWMP0078

NPS Station ID: GWMP0078
LAT/LON: 38.771115/ -77.033338
Agency: 11121TWQ
Date Created: 04/18/81
Location: POTOMAC RIVER OFF ROSIER BLUFF
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-05A /05A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010023
RF1 Mile Point: 2.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.85
RF3 Mile Point: 4.50
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/79-09/15/81	26	25.75	24.958	31.	14.5	19.974	4.469	17.92	21.725	28.825	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	20	10.	14.39	35.	6.7	91.373	9.559	7.	8.	22.5	33.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	34	0.7	0.954	6.	0.13	1.244	1.116	0.275	0.49	0.855	1.79
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	18	360.	352.556	470.	200.	4476.967	66.91	245.	317.5	387.5	452.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	12	5.1	5.733	8.3	3.7	2.264	1.505	3.94	4.625	7.275	8.15
00300	OXYGEN, DISSOLVED MG/L	05/03/79-08/19/81	45	5.8	6.347	11.2	4.1	3.388	1.841	4.46	4.8	7.4	9.08
00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	24	2.9	3.596	9.3	1.	4.58	2.14	1.05	1.95	5.275	6.25
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/80-09/15/81	13	6.96	7.019	7.8	6.4	0.132	0.363	6.512	6.815	7.21	7.688
00400	CONVERTED PH (STANDARD UNITS)	07/23/80-09/15/81	13	6.96	6.898	7.8	6.4	0.148	0.384	6.512	6.815	7.21	7.688
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/80-09/15/81	13	0.11	0.127	0.398	0.016	0.01	0.098	0.022	0.062	0.153	0.322
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	9	0.08	0.08	0.1	0.06	0.	0.013	0.06	0.07	0.09	0.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	46	1.	0.975	2.3	0.029	0.33	0.574	0.139	0.465	1.457	1.749
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	48	0.109	0.128	0.272	0.005	0.008	0.088	0.023	0.049	0.215	0.263
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	48	0.91	14.489	652.	0.28	8831.331	93.975	0.627	0.67	1.055	1.488
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	40	1.233	1.236	2.391	0.389	0.405	0.637	0.472	0.67	1.422	2.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/79-09/15/81	45	1.306	1.374	2.473	0.4	0.388	0.623	0.628	0.859	1.803	2.44
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/03/79-10/09/79	12	0.45	0.444	0.62	0.27	0.01	0.099	0.279	0.388	0.488	0.605
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	7	0.21	0.21	0.33	0.08	0.007	0.083	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	37	0.11	0.124	0.196	0.09	0.001	0.026	0.1	0.104	0.143	0.168
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	38	0.054	0.059	0.178	0.037	0.001	0.024	0.038	0.047	0.07	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	38	0.041	0.041	0.085	0.009	0.	0.014	0.027	0.032	0.051	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/79-09/30/80	31	3.5	3.561	5.7	0.5	2.096	1.448	1.48	2.6	4.8	5.18
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	4	2.85	2.85	4.7	1.	2.883	1.698	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/31/79-07/31/79	1	42.2	42.2	42.2	42.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	188.	188.	188.	188.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	2765.	2816.667	3850.	1980.	465746.667	682.456	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	14539.	14539.	29000.	78.	418241042.	20450.942	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.177	3.177	4.462	1.892	3.303	1.817	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1503.995								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2 ##	904.5	904.5	1800.	9.	1603840.5	1266.428	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2 ##	2.105	2.105	3.255	0.954	2.647	1.627	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			127.279								
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.026	0.027	0.057	0.003	0.001	0.022	0.003	0.003	0.049	0.056
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.179	0.173	0.281	0.054	0.005	0.073	0.057	0.113	0.242	0.272

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

EPA Water Quality Criteria Analysis for Station: GWMP0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	20	0	0.00	16	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	1	0.08	11	1	0.09				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	39	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	13	0	0.00	12	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	13	1	0.08	12	1	0.08				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	48	0	0.00	42	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	48	1	0.02	42	1	0.02				6	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: GWMP0079

NPS Station ID: GWMP0079
LAT/LON: 38.779170/ -76.998059
Agency: 21MDPGHD
Date Created: / /
Location: CAREY BR-OXON HILL KIRBY HILL RD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-3 /243046 /PO-HB-3
RMI-Indexes: 0214001 002540 00110
Within Park Boundary: No
RMI-Miles: 0101.80 0003.10 000.65
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010021
RF1 Mile Point: 2.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010068900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	68	16.5	14.699	30.	0.	84.337	9.184	1.95	6.125	23.375	27.05
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	65	9.6	10.215	15.	5.3	6.435	2.537	7.42	8.25	12.25	14.56
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.4	7.382	9.	4.6	0.628	0.792	6.6	6.9	7.8	8.46
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.4	6.304	9.	4.6	1.806	1.344	6.6	6.9	7.8	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	67	0.04	0.496	25.119	0.001	9.4	3.066	0.004	0.016	0.126	0.251
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	2.	4.2	15.	1.	36.7	6.058	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	14.	13.2	15.	8.	8.7	2.95	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	40	4300.	28652.	460000.	230.	5824031493.333	76315.342	750.	1700.	21000.	88000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	40	3.633	3.796	5.663	2.362	0.564	0.751	2.875	3.223	4.315	4.935
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6256.242								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	9300.	81925.652	1100000.	230.	53859850707.51	232077.252	930.	2300.	43000.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	3.968	4.024	6.041	2.362	0.77	0.877	2.968	3.362	4.633	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10578.533								
31515	INVALID PARM	05/12/75-10/20/75	6	15150.	14350.	23000.	2300.	82299000.	9071.88	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	70	750.	7169.329	240000.	4.	879667927.383	29659.196	76.8	230.	2300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	70	2.875	2.848	5.38	0.602	0.844	0.919	1.884	2.362	3.362	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			705.2								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	6.8	6.88	7.5	6.3	0.227	0.476	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	930.	224918.	1100000.	230.	239397392270.	489282.528	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	210.	8694.42	43000.	9.1	367783229.032	19177.675	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	65	0	0.00	24	0	0.00	26	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	67	1	0.01	25	1	0.04	27	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	67	5	0.07	25	2	0.08	27	2	0.07	15	1	0.07			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	40	32	0.80	15	13	0.87	17	13	0.76	8	6	0.75			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	20	0.87	6	6	1.00	11	8	0.73	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	70	57	0.81	25	23	0.92	29	19	0.66	16	15	0.94			

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

Annual Analysis for 1973 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	22.5	23.	30.	17.	36.667	6.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	8.05	7.675	8.4	6.2	1.009	1.005	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.9	7.875	9.	6.7	1.049	1.024	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.66	7.214	9.	6.7	1.632	1.277	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.022	0.061	0.2	0.001	0.009	0.094	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	2615.	41813.333	240000.	430.	9429749426.667	97106.897	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	3.301	3.535	5.38	2.633	0.977	0.988	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3431.478								

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

Annual Analysis for 1974 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	18.5	17.65	28.	7.	66.225	8.138	7.2	9.75	25.	28.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.6	9.67	12.7	7.	3.333	1.826	7.03	8.35	10.925	12.65
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.6	7.43	8.3	6.2	0.336	0.579	6.28	7.075	7.8	8.25
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.6	7.009	8.3	6.2	0.533	0.73	6.28	7.075	7.8	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.025	0.098	0.631	0.005	0.036	0.19	0.006	0.016	0.085	0.578
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	840.	3181.9	23000.	23.	49467027.878	7033.28	30.	93.	2450.	20990.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.922	2.787	4.362	1.362	0.779	0.883	1.422	1.968	3.387	4.272
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			611.774								

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

Annual Analysis for 1975 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	14.909	27.5	1.	91.591	9.57	1.4	5.	23.5	26.9
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.1	9.764	15.	5.3	8.403	2.899	5.74	7.7	12.4	14.6
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.5	7.627	8.9	6.9	0.476	0.69	6.9	7.2	7.8	8.9
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.5	7.327	8.9	6.9	0.575	0.759	6.9	7.2	7.8	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.032	0.047	0.126	0.001	0.002	0.044	0.001	0.016	0.063	0.126
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	230.	5488.455	43000.	93.	162542318.273	12749.209	104.4	210.	3900.	36260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.362	2.904	4.633	1.968	0.748	0.865	2.01	2.322	3.591	4.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			801.388								

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

Annual Analysis for 1976 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	8.	11.591	25.	1.	105.641	10.278	1.	1.5	22.	24.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	13.7	13.033	15.	8.7	5.343	2.311	8.7	10.9	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.97	7.124	8.4	6.3	0.374	0.612	6.33	6.675	7.525	8.32
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.964	6.845	8.4	6.3	0.461	0.679	6.33	6.675	7.525	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.109	0.143	0.501	0.004	0.023	0.15	0.006	0.03	0.212	0.476
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	230.	561.636	2300.	9.	538901.855	734.099	11.8	43.	930.	2140.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.362	2.307	3.362	0.954	0.579	0.761	1.036	1.633	2.968	3.325
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			202.565								

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

Annual Analysis for 1977 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	12.	14.545	28.	2.	91.473	9.564	2.	6.	24.	28.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	11.3	11.	13.1	7.7	2.762	1.662	7.94	10.1	12.3	13.06
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	6.925	8.18	4.6	1.069	1.034	4.82	6.6	7.7	8.124
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	5.596	8.18	4.6	3.012	1.735	4.82	6.6	7.7	8.124
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.063	2.537	25.119	0.007	56.426	7.512	0.008	0.02	0.251	20.494
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	930.	6129.818	39000.	4.	131311425.164	11459.12	4.	230.	7500.	33060.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.968	2.836	4.591	0.602	1.729	1.315	0.602	2.362	3.875	4.467
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			686.195								

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

Annual Analysis for 1978 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.25	11.688	25.	0.	89.21	9.445	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	9.5	10.	15.	5.9	11.329	3.366	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	7.05	6.913	7.6	6.1	0.213	0.461	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	7.047	6.687	7.6	6.1	0.271	0.52	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.09	0.205	0.794	0.025	0.064	0.253	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	840.	3876.875	23000.	75.	61576792.411	7847.088	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	2.922	2.952	4.362	1.875	0.624	0.79	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			894.682								

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

Annual Analysis for 1979 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	10.85	10.85	12.4	9.3	4.805	2.192	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.95	6.95	7.3	6.6	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	6.822	6.822	7.3	6.6	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.151	0.151	0.251	0.05	0.02	0.142	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	330.	330.	430.	230.	20000.	141.421	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	2.498	2.498	2.633	2.362	0.037	0.192	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			314.484								

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

Annual Analysis for 1980 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	18.	16.091	27.	4.	63.691	7.981	4.2	7.	24.	26.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	8.85	8.92	11.8	7.8	1.453	1.205	7.81	7.9	9.325	11.59
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.9	8.026	8.92	7.1	0.337	0.58	7.17	7.53	8.7	8.886
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.9	7.725	8.92	7.1	0.436	0.661	7.17	7.53	8.7	8.886
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.013	0.019	0.079	0.001	0.001	0.023	0.001	0.002	0.03	0.071
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	930.	4863.636	43000.	150.	160591845.455	12672.484	166.	230.	2300.	34860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.968	3.016	4.633	2.176	0.462	0.68	2.213	2.362	3.362	4.379
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1038.199								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	25	23.	22.06	30.	12.	21.403	4.626	15.6	18.	25.	28.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	24	8.8	9.029	15.	5.3	4.522	2.127	6.3	7.925	9.675	12.2
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.6	7.64	9.	5.7	0.648	0.805	6.4	7.25	8.24	8.908
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.6	6.836	9.	5.7	1.323	1.15	6.4	7.25	8.24	8.908
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	25	0.025	0.146	1.995	0.001	0.174	0.417	0.001	0.006	0.06	0.468
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	930.	3896.64	43000.	93.	87690554.823	9364.324	175.2	230.	2300.	13700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	2.968	2.975	4.633	1.968	0.479	0.692	2.204	2.362	3.362	4.07
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			943.897								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	27	5.	5.667	15.	0.	18.404	4.29	1.	2.	9.	13.2
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	26	12.	11.723	15.	7.7	5.106	2.26	8.43	9.6	13.25	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.1	7.164	8.7	6.2	0.308	0.555	6.54	6.7	7.5	7.852
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	27	7.1	6.888	8.7	6.2	0.387	0.622	6.54	6.7	7.5	7.852
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	27	0.079	0.129	0.631	0.002	0.023	0.15	0.014	0.032	0.2	0.301
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	430.	3562.207	43000.	4.	79695956.17	8927.259	9.	84.	1900.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	2.633	2.57	4.633	0.602	1.097	1.047	0.954	1.922	3.269	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			371.72								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	20.	18.438	28.	1.	58.496	7.648	4.85	13.25	24.375	27.3
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.1	9.5	15.	6.2	5.687	2.385	6.68	7.9	11.8	13.38
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.4	7.345	8.9	4.6	1.062	1.031	5.8	6.9	8.1	8.81
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.4	5.76	8.9	4.6	3.754	1.937	5.8	6.9	8.1	8.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.04	1.739	25.119	0.001	41.838	6.468	0.002	0.008	0.126	10.198
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	930.	18820.813	240000.	93.	3569588194.563	59746.031	174.9	280.	3800.	99300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	2.968	3.155	5.38	1.968	0.793	0.891	2.216	2.43	3.566	4.828
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1427.347								

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

Station Inventory for Station: GWMP0080

NPS Station ID: GWMP0080
LAT/LON: 38.779448/ -77.029170
Agency: 1113PESE
Date Created: / /
Location: POTO.R. HUNTNG C.BTW FLR2&EAST S
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 011 /011 /5C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010023
RF1 Mile Point: 3.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.06
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0080

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

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

Station Inventory for Station: GWMP0081

NPS Station ID: GWMP0081 LAT/LON: 38.779448/ -77.035837 Agency: 21DCBAWQ Date Created: 10/28/86
Location: HUNTING CREEK SOUTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS48
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0087.75
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010022 RF1 Mile Point: 2.270 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002500.00 RF3 Mile Point: 1.86 Distance from RF3: 0.25 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: HUNTING CREEK SOUTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	63	16.4	16.408	31.4	2.2	85.499	9.247	3.8	7.	25.7	28.
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	15.	47.273	100.	0.	2566.818	50.664	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/84-04/09/84	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	53	310.	311.491	547.	118.	10008.832	100.044	171.6	241.	376.	450.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	7.8	8.148	13.6	1.3	8.679	2.946	4.6	6.3	10.4	12.42
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	3	1.9	1.833	2.3	1.3	0.253	0.503	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	54	7.55	7.537	8.4	6.8	0.142	0.376	7.1	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	54	7.547	7.394	8.4	6.8	0.162	0.403	7.1	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	54	0.028	0.04	0.158	0.004	0.001	0.033	0.008	0.016	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/83-11/15/83	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	3	11.	27.333	65.	6.	1070.333	32.716	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	3	0.463	0.569	0.919	0.324	0.097	0.311	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	3	0.127	0.154	0.231	0.105	0.005	0.067	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	3	0.075	0.076	0.086	0.066	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	3	0.059	0.042	0.063	0.004	0.001	0.033	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-11/15/83	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	24	0	0.00	23	4	0.17	16	1	0.06			
00400	PH	Other-Hi Lim.	9.	54	0	0.00	21	0	0.00	21	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	54	0	0.00	21	0	0.00	21	0	0.00	12	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Annual Analysis for 1983 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	8.8	12.133	20.6	7.	54.573	7.387	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.8	10.333	12.6	7.6	6.413	2.532	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	3	6.9	6.933	7.1	6.8	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	3	6.9	6.916	7.1	6.8	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	3	0.126	0.121	0.158	0.079	0.002	0.04	**	**	**	**

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

Annual Analysis for 1984 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.1	17.638	29.2	3.	116.494	10.793	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	152.	192.667	305.	121.	9704.333	98.511	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.25	8.488	13.	4.4	8.633	2.938	**	**	**	**

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

Annual Analysis for 1985 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.4	12.967	20.7	5.8	55.743	7.466	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	264.	264.	290.	238.	676.	26.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.2	9.5	12.	6.3	8.49	2.914	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	3	0.016	0.016	0.02	0.013	0.	0.004	**	**	**	**

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

Annual Analysis for 1986 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	10	14.8	15.22	28.6	2.2	124.846	11.173	2.21	4.175	26.925	28.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	10	354.5	379.5	547.	270.	7732.056	87.932	274.	315.25	458.5	540.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.85	8.21	13.6	2.	14.883	3.858	2.29	5.125	12.625	13.54
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	10	7.65	7.64	8.2	7.1	0.167	0.409	7.11	7.2	8.1	8.19
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	10	7.647	7.483	8.2	7.1	0.194	0.441	7.11	7.2	8.1	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	10	0.023	0.033	0.079	0.006	0.001	0.027	0.006	0.008	0.063	0.078

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

Annual Analysis for 1987 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	16.2	15.664	29.4	3.	96.515	9.824	3.16	7.3	26.2	28.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	11	266.	303.818	479.	168.	10889.964	104.355	173.8	211.	384.	472.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	6.7	5.809	9.5	1.3	8.469	2.91	1.48	2.8	7.8	9.5
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	10	7.25	7.35	7.8	7.1	0.054	0.232	7.11	7.2	7.6	7.78
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	10	7.247	7.303	7.8	7.1	0.056	0.237	7.11	7.2	7.6	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	10	0.057	0.05	0.079	0.016	0.	0.021	0.017	0.025	0.063	0.078

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

Annual Analysis for 1988 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	21.3	19.1	31.4	7.	58.608	7.656	7.	12.85	24.75	31.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	387.	355.222	543.	168.	15525.944	124.603	168.	240.	444.5	543.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	8.3	8.1	10.9	5.3	3.715	1.927	5.3	6.25	9.8	10.9
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	9	7.5	7.5	8.1	7.1	0.08	0.283	7.1	7.3	7.6	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	9	7.5	7.43	8.1	7.1	0.086	0.292	7.1	7.3	7.6	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	9	0.032	0.037	0.079	0.008	0.	0.021	0.008	0.025	0.05	0.079

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

Annual Analysis for 1989 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	16.4	16.136	28.	3.	92.077	9.596	3.16	5.1	25.7	27.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	321.	314.556	370.	230.	1585.028	39.812	230.	297.5	339.5	370.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	9.	9.036	13.3	6.1	5.257	2.293	6.14	6.5	10.6	12.88
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.755	8.4	7.4	0.097	0.311	7.42	7.5	7.9	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.674	8.4	7.4	0.104	0.322	7.42	7.5	7.9	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	11	0.025	0.021	0.04	0.004	0.	0.011	0.004	0.013	0.032	0.038

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

Annual Analysis for 1990 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.8	17.925	26.7	5.8	82.765	9.098	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	7	251.	265.143	375.	203.	3087.81	55.568	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	7.45	8.45	12.3	5.1	8.083	2.843	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	8	7.5	7.513	8.4	6.9	0.221	0.47	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	8	7.5	7.333	8.4	6.9	0.258	0.508	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	8	0.032	0.046	0.126	0.004	0.002	0.041	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	25.7	24.888	31.4	16.2	15.068	3.882	18.15	22.275	27.925	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	19	377.	368.211	547.	229.	6193.62	78.7	256.	305.	438.	451.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	24	6.55	6.871	9.7	4.9	1.9	1.379	5.15	6.025	7.575	9.35
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.3	7.395	8.1	6.9	0.102	0.32	7.1	7.15	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.3	7.302	8.1	6.9	0.112	0.334	7.1	7.15	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.05	0.05	0.126	0.008	0.001	0.03	0.013	0.025	0.071	0.079

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	5.8	6.5	13.	2.2	11.008	3.318	2.58	3.8	8.8	12.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	21	317.	302.333	543.	118.	12377.733	111.255	127.2	235.5	348.5	483.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	10.9	9.678	13.6	1.3	14.58	3.818	2.32	8.6	12.5	13.18
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.7	7.667	8.4	6.8	0.188	0.434	6.96	7.4	7.95	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.7	7.459	8.4	6.8	0.234	0.484	6.96	7.4	7.95	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.02	0.035	0.158	0.004	0.002	0.04	0.004	0.012	0.04	0.113

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	16	17.1	17.931	29.2	7.3	46.102	6.79	8.56	11.95	24.175	27.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	13	244.	243.385	322.	168.	3186.09	56.445	168.	190.	306.5	318.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	16	7.9	7.862	10.8	2.2	5.289	2.3	3.74	6.6	9.575	10.66
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.6	7.558	8.2	7.1	0.083	0.287	7.13	7.35	7.675	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.6	7.479	8.2	7.1	0.09	0.299	7.13	7.35	7.675	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	12	0.025	0.033	0.079	0.006	0.	0.021	0.009	0.021	0.045	0.075

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

Station Inventory for Station: GWMP0082

NPS Station ID: GWMP0082
LAT/LON: 38.780281/ -77.033615
Agency: 1113PESE
Date Created: / /
Location: POTO.R. FL R"2" CHAN OFF HNTNG C
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 010 /010 /5B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010023
RF1 Mile Point: 3.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002201.39
RF3 Mile Point: 1.77
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0082

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

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

Station Inventory for Station: GWMP0083

NPS Station ID: GWMP0083 LAT/LON: 38.781393/ -77.105281 Agency: 21VASWCB Date Created: 04/10/93
Location: TELEGRAPH ROAD (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APIK001.94
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: PIKE BRANCH SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	1	20.7	20.7	20.7	20.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/89-07/18/89	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/89-07/18/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/89-07/18/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/89-07/18/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/89-07/18/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/89-07/18/89	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/89-07/18/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/89-07/18/89	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/89-07/18/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/89-07/18/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/89-07/18/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/89-07/18/89	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/89-07/18/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	1	870.	870.	870.	870.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0084

NPS Station ID: GWMP0084
LAT/LON: 38.781670/ -77.022504
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER AT HUNTING CREEK
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384700077013001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 02070010001004.25
RF3 Mile Point: 5.45
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	43	240.	226.256	315.	110.	2981.481	54.603	137.	195.	270.	290.
00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	43	3.2	3.967	9.7	1.4	5.463	2.337	1.6	1.8	5.8	7.6
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	42	0.3	1.957	7.2	0.	5.563	2.359	0.	0.168	3.9	5.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	42	0.685	1.147	3.2	0.	0.803	0.896	0.413	0.478	1.825	2.6
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	43	0.03	0.029	0.04	0.	0.	0.006	0.02	0.03	0.03	0.036
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	43	0.94	0.878	0.98	0.	0.025	0.159	0.774	0.82	0.97	0.97
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	43	2.4	3.037	8.8	0.38	5.478	2.34	0.594	0.85	4.8	6.6
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	43	0.72	1.745	16.	0.	7.772	2.788	0.094	0.25	2.	4.26
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	43	2.8	4.733	21.	0.75	17.601	4.195	0.944	1.4	8.	9.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	43	1.	0.935	1.	0.7	0.008	0.087	0.8	0.9	1.	1.
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	43	0.191	0.228	0.904	0.123	0.017	0.129	0.13	0.157	0.266	0.367
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	43	0.095	0.102	0.253	0.017	0.002	0.049	0.053	0.072	0.125	0.175
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	43	5.3	5.626	16.	3.3	3.826	1.956	3.92	4.5	6.2	7.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	2	4.95	4.95	5.4	4.5	0.405	0.636	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	43	6.4	6.437	7.4	6.	0.057	0.238	6.14	6.3	6.5	6.7
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	43	10.4	12.73	36.	4.	55.472	7.448	6.4	8.	12.9	27.2
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	42	7.05	7.562	14.9	1.7	9.964	3.157	3.6	5.05	9.975	11.47
32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	43	0.016	0.018	0.041	0.006	0.	0.007	0.012	0.014	0.019	0.031
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	42	0.885	1.477	4.1	0.	1.325	1.151	0.533	0.617	2.325	3.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	43	4.2	3.886	4.3	0.	0.499	0.707	3.44	3.6	4.3	4.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	43	0.1	0.098	0.13	0.	0.	0.02	0.07	0.1	0.1	0.118
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	2	6.	6.	12.	0.	72.	8.485	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0084

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: GWMP0085

NPS Station ID: GWMP0085
LAT/LON: 38.781948/ -77.042781
Agency: 1113PESE
Date Created: / /
Location: POTO.R. 300'OFF MOUTH HUNTING CR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 009 /009 /5A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010022
RF1 Mile Point: 2.370
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070011016100.00
RF3 Mile Point: 0.63
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0085

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

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

Station Inventory for Station: GWMP0086

NPS Station ID: GWMP0086 LAT/LON: 38.782587/ -77.023838 Agency: 21MDEXP Date Created: 10/11/80
Location: 400 YDS OFFSHORE AT SOUTH END OF COVE 25 FT DEPT FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7086
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010023 RF1 Mile Point: 3.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 0.59 Distance from RF3: 0.45 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
400 YDS OFFSHORE AT SOUTH END OF COVE 25 FT DEPTH

Parameter Inventory for Station: GWMP0086

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

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

Station Inventory for Station: GWMP0087

NPS Station ID: GWMP0087 LAT/LON: 38.782865/ -77.020337 Agency: 21MDEXP Date Created: 10/11/80
Location: 100 YDS OFFSHORE 11 FT DEPTH SOUTH END OF COVE FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7088
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010023 RF1 Mile Point: 3.880 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.52 Distance from RF3: 0.13 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
100 YDS OFFSHORE 11 FT DEPTH SOUTH END OF COVE

Parameter Inventory for Station: GWMP0087

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

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

Station Inventory for Station: GWMP0088

NPS Station ID: GWMP0088 LAT/LON: 38.786698/ -77.018588 Agency: 21MDEXP Date Created: 10/11/80
Location: 100 YDS OFFSHORE 16 FT DEPTH AT CENTER OF COVE FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7289
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.55 Distance from RF3: 0.06 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
100 YDS OFFSHORE 16 FT DEPTH AT CENTER OF COVE

Parameter Inventory for Station: GWMP0088

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

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

Station Inventory for Station: GWMP0089

NPS Station ID: GWMP0089 LAT/LON: 38.786948/ -77.037504 Agency: 21DCBAWQ Date Created: 10/28/86
Location: HUNTING CREEK NORTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS46
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0088.25
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010025 RF1 Mile Point: 0.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002500.00 RF3 Mile Point: 2.07 Distance from RF3: 0.15 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: HUNTING CREEK NORTH D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	63	16.4	16.441	31.2	1.8	85.814	9.264	3.96	7.1	25.6	28.38
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	15.	47.273	100.	0.	2566.818	50.664	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	53	306.	308.528	539.	119.	9556.869	97.759	174.4	240.5	378.	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	8.1	8.16	13.5	1.7	8.599	2.932	4.68	6.2	10.3	12.46
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	51	7.6	7.576	8.5	6.9	0.146	0.382	7.1	7.3	7.8	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	51	7.6	7.433	8.5	6.9	0.167	0.408	7.1	7.3	7.8	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	51	0.025	0.037	0.126	0.003	0.001	0.029	0.007	0.016	0.05	0.079
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0089

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	24	0	0.00	23	4	0.17	16	1	0.06			
00400	PH	Other-Hi Lim.	9.	51	0	0.00	20	0	0.00	19	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	51	0	0.00	20	0	0.00	19	0	0.00	12	0	0.00			

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

Annual Analysis for 1983 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	8.4	12.1	20.8	7.1	57.19	7.562	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	11.4	10.533	12.6	7.6	6.813	2.61	**	**	**	**

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

Annual Analysis for 1984 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.05	17.725	29.3	2.9	117.408	10.835	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	150.	192.333	307.	120.	10086.333	100.431	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.55	8.713	13.2	4.4	8.378	2.895	**	**	**	**

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

Annual Analysis for 1985 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.5	12.733	20.	5.7	51.163	7.153	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	266.	264.667	289.	239.	626.333	25.027	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.4	9.667	12.4	6.2	10.013	3.164	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.7	7.767	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.7	7.757	7.9	7.7	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.02	0.017	0.02	0.013	0.	0.004	**	**	**	**

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

Annual Analysis for 1986 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	10	14.65	15.14	28.5	1.8	125.476	11.202	1.84	4.225	26.85	28.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	10	354.	376.4	539.	269.	7519.156	86.713	272.7	312.	458.25	532.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.65	8.19	13.5	1.7	14.97	3.869	2.05	5.2	12.475	13.45
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.6	7.67	8.5	7.	0.209	0.457	7.03	7.3	8.1	8.46
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.6	7.488	8.5	7.	0.246	0.496	7.03	7.3	8.1	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	10	0.025	0.033	0.1	0.003	0.001	0.029	0.004	0.008	0.05	0.095

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

Annual Analysis for 1987 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	16.2	15.636	30.	3.2	97.607	9.88	3.28	7.3	26.	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	11	275.	303.636	454.	168.	9155.055	95.682	174.2	216.	390.	448.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	7.	5.927	9.4	1.7	8.918	2.986	1.78	3.	8.4	9.4
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.3	7.4	8.2	7.	0.124	0.353	7.01	7.175	7.625	8.15
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.3	7.304	8.2	7.	0.135	0.367	7.01	7.175	7.625	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	10	0.05	0.05	0.1	0.006	0.001	0.028	0.008	0.024	0.067	0.098

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

Annual Analysis for 1988 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	21.1	19.011	31.2	6.5	59.949	7.743	6.5	12.8	25.	31.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	390.	354.556	533.	166.	15042.528	122.648	166.	237.	446.5	533.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	8.5	8.222	10.5	5.3	3.094	1.759	5.3	6.6	9.6	10.5
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.567	8.	7.1	0.08	0.283	7.1	7.35	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.482	8.	7.1	0.088	0.297	7.1	7.35	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.025	0.033	0.079	0.01	0.001	0.023	0.01	0.018	0.047	0.079

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

Annual Analysis for 1989 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	16.4	16.391	28.5	3.4	90.643	9.521	3.62	5.6	25.6	28.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	309.	301.889	370.	236.	1744.361	41.766	236.	266.	330.	370.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	8.6	8.709	12.7	6.	4.967	2.229	6.04	6.5	10.3	12.4
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.664	8.4	7.	0.161	0.401	7.06	7.4	7.9	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.514	8.4	7.	0.185	0.43	7.06	7.4	7.9	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.025	0.031	0.1	0.004	0.001	0.027	0.004	0.013	0.04	0.09

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

Annual Analysis for 1990 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.9	18.088	26.8	6.	82.053	9.058	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	7	242.	264.286	377.	200.	3387.238	58.2	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	7.2	8.363	12.5	5.1	8.257	2.873	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.5	7.5	8.3	6.9	0.197	0.444	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.5	7.332	8.3	6.9	0.229	0.479	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.032	0.047	0.126	0.005	0.002	0.04	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	25.65	24.954	31.2	16.4	15.627	3.953	18.15	22.05	28.1	29.25
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	19	379.	368.263	539.	244.	5659.316	75.228	265.	298.	427.	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	24	6.65	6.846	9.4	5.1	1.704	1.305	5.2	6.	7.975	9.05

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	6.	6.5	12.7	1.8	10.355	3.218	2.48	3.6	8.4	12.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	21	284.	296.333	533.	119.	11543.333	107.44	126.	238.	347.	470.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	11.2	9.73	13.5	1.7	14.223	3.771	2.22	8.6	12.5	13.12

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	16	16.95	17.963	29.3	7.3	45.593	6.752	8.7	12.075	24.775	27.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	13	236.	240.923	312.	166.	2823.91	53.14	166.8	192.	298.	310.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	16	8.45	7.875	10.9	2.1	5.435	2.331	3.71	6.5	9.775	10.48

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

Station Inventory for Station: GWMP0090

NPS Station ID: GWMP0090 LAT/LON: 38.787504/ -77.087782 Agency: 21VASWCB Date Created: 04/10/93
Location: FLORENCE LANE (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APIK000.82
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: PIKE BRANCH SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/89-07/18/89	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/89-07/18/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/89-07/18/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/89-07/18/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/89-07/18/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/89-07/18/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/89-07/18/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/89-07/18/89	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/89-07/18/89	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/89-07/18/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/89-07/18/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/89-07/18/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/89-07/18/89	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/89-07/18/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0091

NPS Station ID: GWMP0091
LAT/LON: 38.787781/ -76.978338
Agency: 112WRD
Date Created: 07/30/76
Location: HENSON C AT OXON HILL, MD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010019200.00
RF3 Mile Point: 5.15
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/74-09/16/78	28	14.5	13.768	25.5	0.5	56.62	7.525	4.25	7.	19.375	25.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/15/74-09/16/78	28	20.5	17.536	29.5	-13.	102.221	10.11	7.	11.125	26.875	29.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/74-09/16/78	28	10.	17.314	85.	0.4	460.606	21.462	2.74	4.25	17.75	59.4
00065	STAGE, STREAM (FEET)	10/15/74-09/16/78	28	0.64	0.717	1.5	0.31	0.079	0.281	0.484	0.563	0.748	1.32

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

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

Station Inventory for Station: GWMP0092

NPS Station ID: GWMP0092 LAT/LON: 38.788087/ -77.021754 Agency: 21MDEXP Date Created: 10/11/80
Location: 400 YDS SOUTH OF POINT AT NORTH ENDOF COVE FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7387
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.17 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
400 YDS SOUTH OF POINT AT NORTH ENDOF COVE

Parameter Inventory for Station: GWMP0092

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

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

Station Inventory for Station: GWMP0093

NPS Station ID: GWMP0093 LAT/LON: 38.788616/ -77.015420 Agency: 21MDEXP Date Created: 10/11/80
Location: 100 YDS OFFSHORE FROM EASTERNMOST INDENTATION O FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7390
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.20 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
100 YDS OFFSHORE FROM EASTERNMOST INDENTATION OF COVE 13-16 FT DEPTH

Parameter Inventory for Station: GWMP0093

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

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

Station Inventory for Station: GWMP0094

NPS Station ID: GWMP0094 LAT/LON: 38.788616/ -77.024198 Agency: 21MDEXP Date Created: 10/11/80
Location: 300 FT SOUTH OF NORTH END OF COVE AND 900 YDS W FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7386
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.27 Distance from RF3: 0.07 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
300 FT SOUTH OF NORTH END OF COVE AND 900 YDS WEST OF BACK OF COVE

Parameter Inventory for Station: GWMP0094

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

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

Station Inventory for Station: GWMP0095

NPS Station ID: GWMP0095
LAT/LON: 38.788616/ -77.065003
Agency: 112WRD
Date Created: 10/07/77
Location: PENN DAW OUTFALL AT ALEXANDRIA, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653447
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 5.40
On/Off RF1:
RF3 Index: 02070008079900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/77-08/04/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/77-08/04/77	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/77-08/04/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/04/77-08/04/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/04/77-08/04/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/77-08/04/77	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/77-08/04/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/77-08/04/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-08/04/77	1	145.	145.	145.	145.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/77-08/04/77	1	133.	133.	133.	133.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/04/77-08/04/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/77-08/04/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0096

NPS Station ID: GWMP0096
LAT/LON: 38.788892/ -77.054170
Agency: 1113UPBA
Date Created: / /
Location: PO.R. WESTGATE,VA. STP EFFLUENT
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 035 /035 /STP D
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010041
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.83
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	13	1000.	45841.538	542000.	50.22	62351497.436	149205.735	70.	250.	10000.	333200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	13	3.	3.237	5.734	1.699	1.255	1.12	1.819	2.374	4.	5.161
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1725.398								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	13 ##	1000.	7021.538	49000.	10.	180174730.769	13422.918	10.	30.	10000.	33400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	13 ##	3.	2.722	4.69	1.	1.796	1.34	1.	1.349	4.	4.414
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			527.526								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	13 ##	1000.	11713.077	110000.	10.	893205973.077	29886.552	10.	25.	10000.	70000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	13 ##	3.	2.742	5.041	1.	1.938	1.392	1.	1.301	4.	4.625
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			551.828								

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

EPA Water Quality Criteria Analysis for Station: GWMP0096

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8 &	2	0.25				8	2	0.25						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	7 &	1	0.14				7	1	0.14						

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

Station Inventory for Station: GWMP0097

NPS Station ID: GWMP0097 LAT/LON: 38.789726/ -77.051670 Agency: 21VASWCB Date Created: / /
Location: GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFAX CO) FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHUT000.01 /VA1A06-X0058/VA1A3X0058
RMI-Indexes: 0214001 002570 Within Park Boundary: Yes
RMI-Miles: 0107.42 0000.01
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010041 RF1 Mile Point: 0.910 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010004202.81 RF3 Mile Point: 3.58 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: HUNTING CREEK SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA-DC-MD

Parameter Inventory for Station: GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	228	16.5	16.662	31.5	0.5	59.261	7.698	6.54	10.	23.5	26.31
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	105	10.	14.977	114.	1.5	256.667	16.021	3.6	5.85	16.75	31.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	16	10.5	14.925	78.	3.6	304.601	17.453	5.35	6.55	16.525	36.42
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	20	0.75	2.366	16.	0.1	19.234	4.386	0.5	0.525	1.763	12.875
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	24	45.5	60.125	392.	11.	5336.027	73.048	20.5	31.	65.5	72.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	156	486.	488.026	1333.	81.	34600.941	186.013	266.1	373.5	582.75	674.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	70	545.5	539.357	1501.	47.	46444.552	215.51	298.	427.5	636.75	720.7
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	46	7.6	7.689	12.2	4.4	3.594	1.896	5.	6.375	8.85	10.53
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	178	7.9	8.007	13.8	1.	6.794	2.607	3.99	6.275	10.	11.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	226	9.	10.689	35.	1.	53.012	7.281	3.	5.	15.	22.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	182	26.5	28.049	93.	3.	173.649	13.178	14.	19.75	35.	44.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	217	7.	6.929	9.	5.5	0.216	0.465	6.3	6.7	7.2	7.5
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	217	7.	6.673	9.	5.5	0.282	0.531	6.3	6.7	7.2	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	217	0.1	0.212	3.162	0.001	0.109	0.33	0.032	0.063	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	149	7.1	7.12	8.2	6.	0.195	0.441	6.6	6.8	7.4	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	149	7.1	6.915	8.2	6.	0.237	0.487	6.6	6.8	7.4	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	149	0.079	0.122	1.	0.006	0.017	0.132	0.02	0.04	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	149	55.	55.087	113.	12.	408.269	20.206	29.	40.5	67.5	82.
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	95	290.	301.958	783.	163.	9015.019	94.947	202.8	243.	339.	398.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	95	71.	75.021	500.	13.	2499.042	49.99	42.6	52.	86.	100.8
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	95	217.	231.674	712.	133.	7387.584	85.951	152.6	187.	260.	299.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	225	15.	22.829	459.	1.	1443.373	37.992	5.	9.	26.	41.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	225	5.	9.458	700.	0.	2173.964	46.626	2.	3.	8.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	225	10.	16.071	393.	0.	943.432	30.715	2.5	4.	17.	30.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	227	7.4	7.679	21.	0.05	21.864	4.676	1.98	3.699	11.	14.5
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	228	0.03	0.049	1.2	0.005	0.008	0.091	0.01	0.02	0.05	0.09
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	200	0.355	0.507	3.66	0.02	0.242	0.492	0.101	0.2	0.66	1.068
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	227	9.7	10.293	27.	0.9	34.429	5.868	2.9	5.	14.39	18.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	28	0.425	0.567	1.5	0.06	0.143	0.378	0.166	0.273	0.8	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	179	0.1	0.146	1.2	0.03	0.026	0.161	0.05	0.05	0.12	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	137	0.04	0.101	1.2	0.005	0.027	0.163	0.01	0.02	0.105	0.252
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	227	10.5	12.493	34.	0.5	45.871	6.773	5.88	7.8	15.4	23.

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

Parameter Inventory for Station: GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	101	98.	100.554	156.	42.	543.85	23.321	72.4	85.	116.	135.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	1	5330.	5330.	5330.	5330.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	145	81.	86.021	429.	6.	3266.854	57.156	35.	57.5	103.	122.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	81	44.	46.346	72.	13.	172.829	13.146	27.4	38.	56.	64.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	49	0.37	0.417	0.74	0.15	0.025	0.158	0.22	0.295	0.56	0.64
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	87	9.5	9.371	21.	1.6	7.979	2.825	5.68	7.7	11.	12.62
01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	14 ##	1.	2.036	5.	0.5	2.826	1.681	0.75	1.	3.125	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-07/26/95	4	7.2	8.85	19.	2.	52.463	7.243	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-07/26/95	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	14 ##	5.	4.143	5.	0.5	2.94	1.715	0.75	4.125	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	4	0.62	0.885	1.9	0.4	0.495	0.704	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	4	40.25	38.75	52.1	22.4	231.417	15.212	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	15 ##	5.	6.833	25.	0.5	43.131	6.567	1.4	5.	5.	22.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	16 ##	5.	10.938	50.	5.	144.063	12.003	5.	5.	10.	32.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-07/26/95	4	44.35	46.65	70.5	27.4	430.19	20.741	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	7	910.	1069.286	2200.	555.	353320.238	594.407	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	16	7.	17.125	69.	2.	376.517	19.404	4.1	5.	28.25	52.2
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-07/26/95	4	158.	192.075	370.	82.3	15610.023	124.94	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	7	360.	606.857	1540.	170.	230322.476	479.919	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	8 ##	50.	45.	50.	10.	200.	14.142	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	7 ##	10.	15.714	50.	5.	278.571	16.69	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-07/26/95	4	20.75	21.1	30.7	12.2	80.807	8.989	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	15	30.	32.533	60.	10.	315.552	17.764	10.	20.	50.	60.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-07/26/95	4	191.	223.	398.	112.	16470.667	128.338	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4 ##	5.	5.625	10.	2.5	9.896	3.146	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-07/26/95	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-10/21/77	13	40.	9542.038	110000.	1.5	918447079.436	30305.892	6.9	15.	2225.	69720.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/07/75-10/21/77	13	1.602	2.03	5.041	0.176	1.891	1.375	0.576	1.176	2.905	4.612
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			107.086								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	31	430.	4874.855	24000.	1.5	78870317.953	8880.896	4.6	75.	2400.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	31	2.633	2.543	4.38	0.176	1.592	1.262	0.651	1.875	3.38	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			348.821								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	192	50.	1509.026	110000.	1.5	70526912.285	8398.03	15.	50.	400.	3300.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	192	1.699	2.065	5.041	0.176	0.811	0.9	1.176	1.699	2.602	3.519
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			116.212								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/21/81-09/13/94	47	11.17	21.035	176.23	0.18	987.916	31.431	3.188	6.24	20.12	57.412
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	46	6.11	12.658	112.81	0.3	351.9	18.759	1.531	3.32	16.115	32.122
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	46	4.645	11.235	131.1	0.2	434.526	20.845	1.468	2.291	12.195	25.67
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/21/81-09/13/94	46	1.365	1.357	2.8	0.93	0.081	0.284	1.05	1.17	1.465	1.593
32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	6	1.1	1.05	1.4	0.5	0.095	0.308	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-07/26/95	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	6	0.	0.017	0.05	0.	0.001	0.026	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-07/26/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	7	0.	0.022	0.1	0.	0.002	0.039	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-07/26/95	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-07/26/95	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.013	0.05	0.	0.	0.021	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-07/26/95	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-07/26/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-07/26/95	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	1	79.	79.	79.	79.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	78	0.2	0.593	20.	0.	5.099	2.258	0.	0.	0.6	1.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	48	0.6	1.1	4.3	0.1	1.246	1.116	0.19	0.2	1.725	3.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	89	0.1	0.445	3.	0.	0.553	0.744	0.01	0.02	0.5	1.799
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	14 ##	0.15	0.193	0.25	0.15	0.003	0.051	0.15	0.15	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-07/26/95	4	0.15	0.211	0.5	0.045	0.041	0.203	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	1	22690.	22690.	22690.	22690.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	24	8.05	25.171	345.	3.1	4688.922	68.476	4.3	6.8	18.85	25.5

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

EPA Water Quality Criteria Analysis for Station: GWMP0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	105	7	0.07	36	2	0.06	40	2	0.05	29	3	0.10			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	1	0.06	7	0	0.00	6	1	0.17	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	178	18	0.10	62	12	0.19	68	1	0.01	48	5	0.10			
00400	PH	Other-Hi Lim.	9.	217	1	0.00	77	0	0.00	85	0	0.00	55	1	0.02			
		Other-Lo Lim.	6.5	217	44	0.20	77	14	0.18	85	21	0.25	55	9	0.16			
00403	PH, LAB	Other-Hi Lim.	9.	149	0	0.00	53	0	0.00	54	0	0.00	42	0	0.00			
		Other-Lo Lim.	6.5	149	13	0.09	53	3	0.06	54	7	0.13	42	3	0.07			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	228	1	0.00	79	1	0.01	88	0	0.00	61	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GWMP0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	200	0	0.00	69	0	0.00	77	0	0.00	54	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	145	0	0.00	51	0	0.00	53	0	0.00	41	0	0.00			
		Drinking Water	250.	145	3	0.02	51	0	0.00	53	3	0.06	41	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	81	0	0.00	27	0	0.00	33	0	0.00	21	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	49	0	0.00	16	0	0.00	21	0	0.00	12	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	1 &	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3 &	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3 &	0	0.00	2	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	15 &	2	0.13	6	1	0.17	3	1	0.33	6	0	0.00			
		Drinking Water	1300.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	15.	16	5	0.31	7	1	0.14	3	2	0.67	6	2	0.33			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	5000.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	3	0.23	3	2	0.67	8	0	0.00	2	1	0.50			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	31	9	0.29	10	3	0.30	12	3	0.25	9	3	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	192	69	0.36	65	32	0.49	77	19	0.25	50	18	0.36			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	5	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	5	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	2.	6	0	0.00	5	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									

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

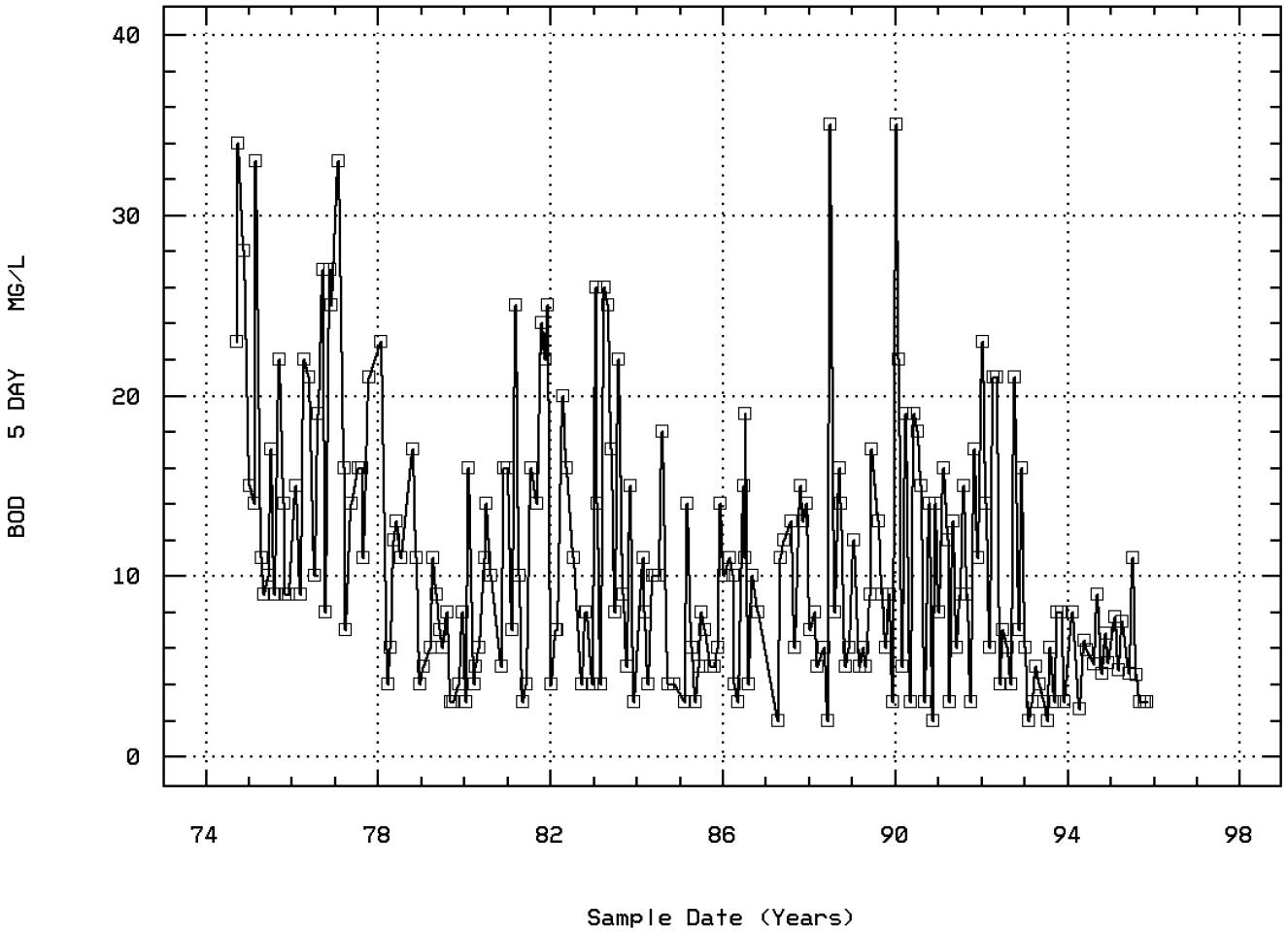
EPA Water Quality Criteria Analysis for Station: GWMP0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	78	57	0.73	27	16	0.59	30	26	0.87	21	15	0.71			
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	2.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	24	1	0.04	8	0	0.00	8	1	0.13	8	0	0.00			

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

Station: GWMP0097 Parameter Code: 00310

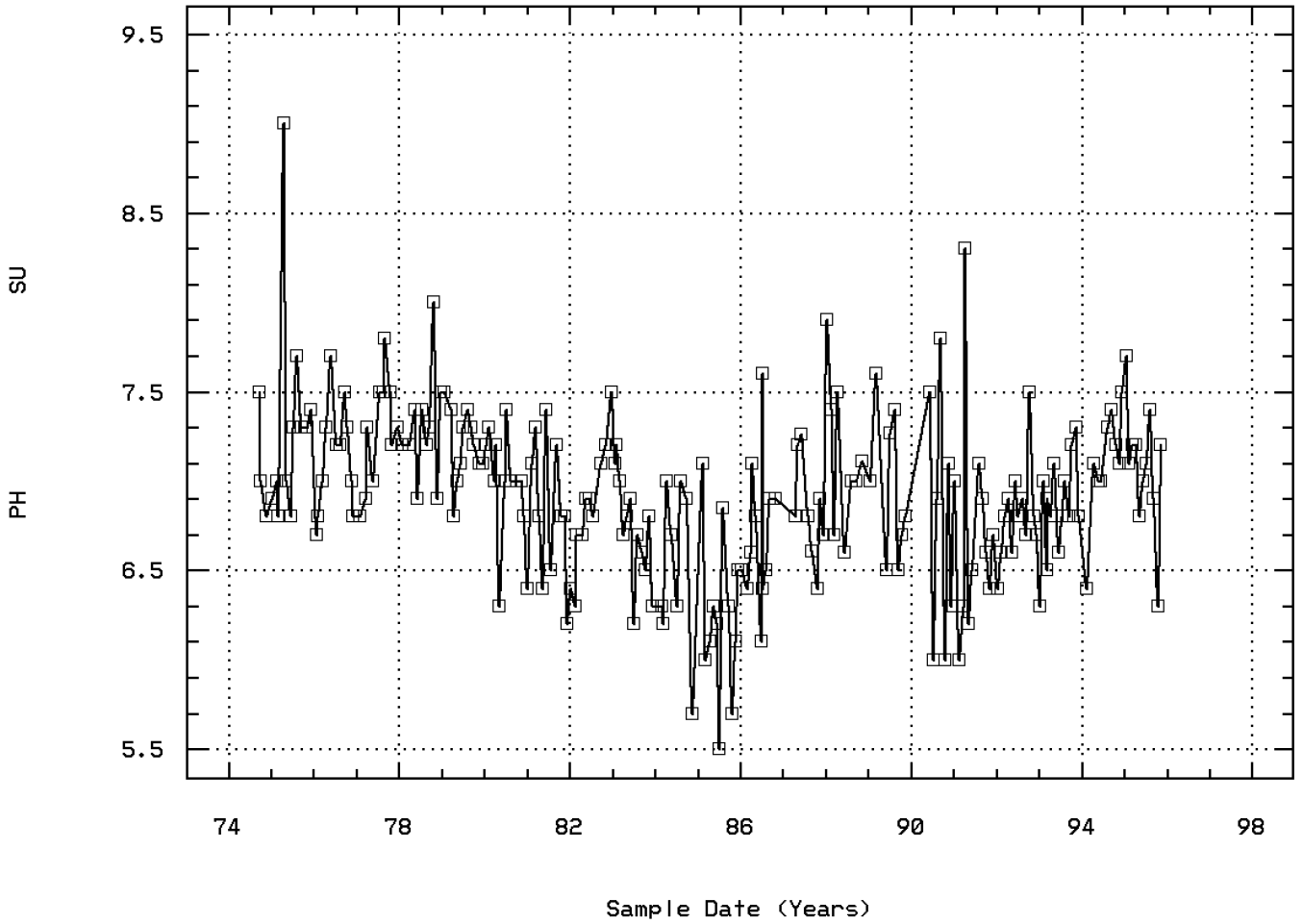
BOD, 5 DAY, 20 DEG C



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00400

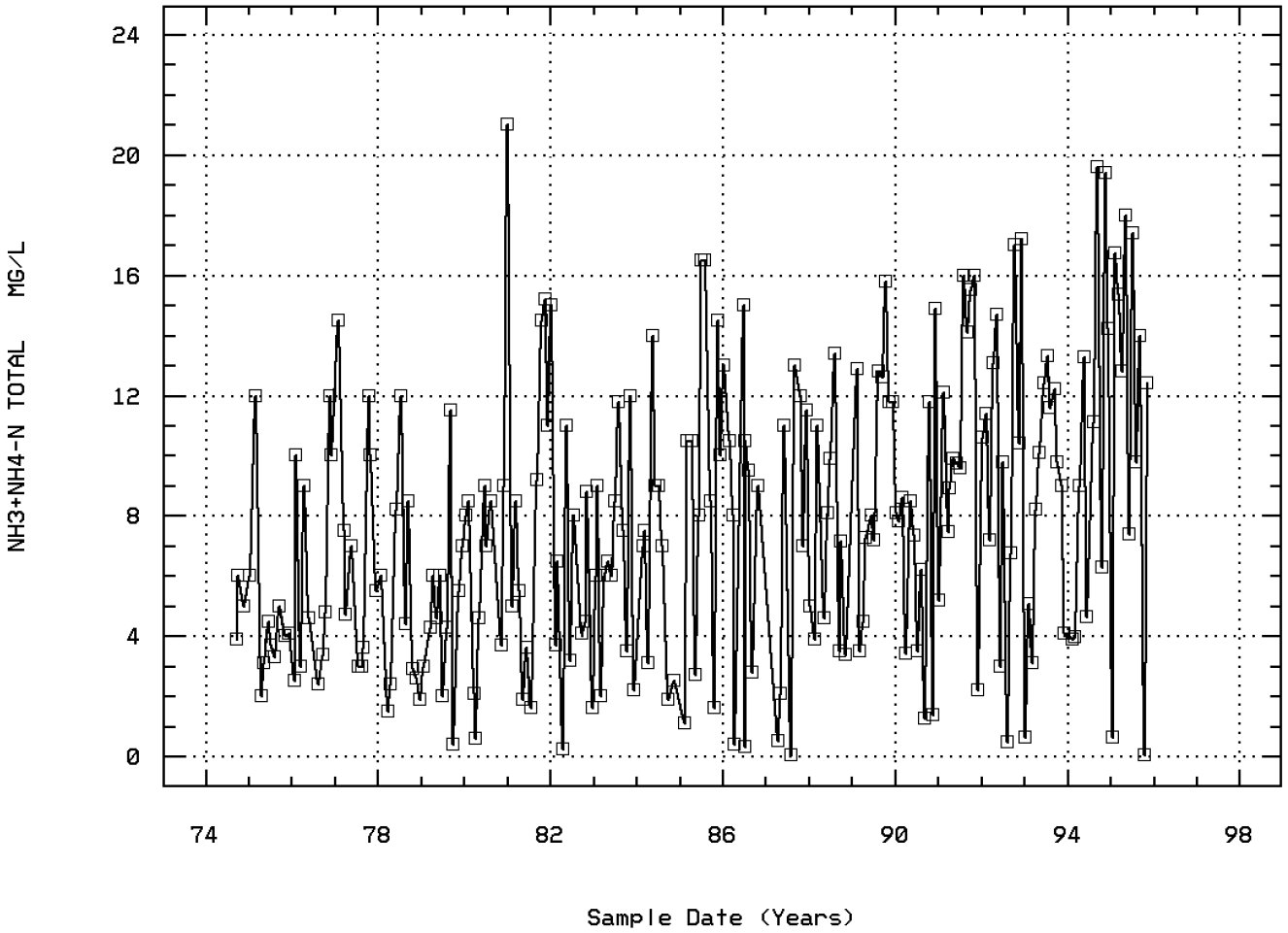
PH (STANDARD UNITS)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00610

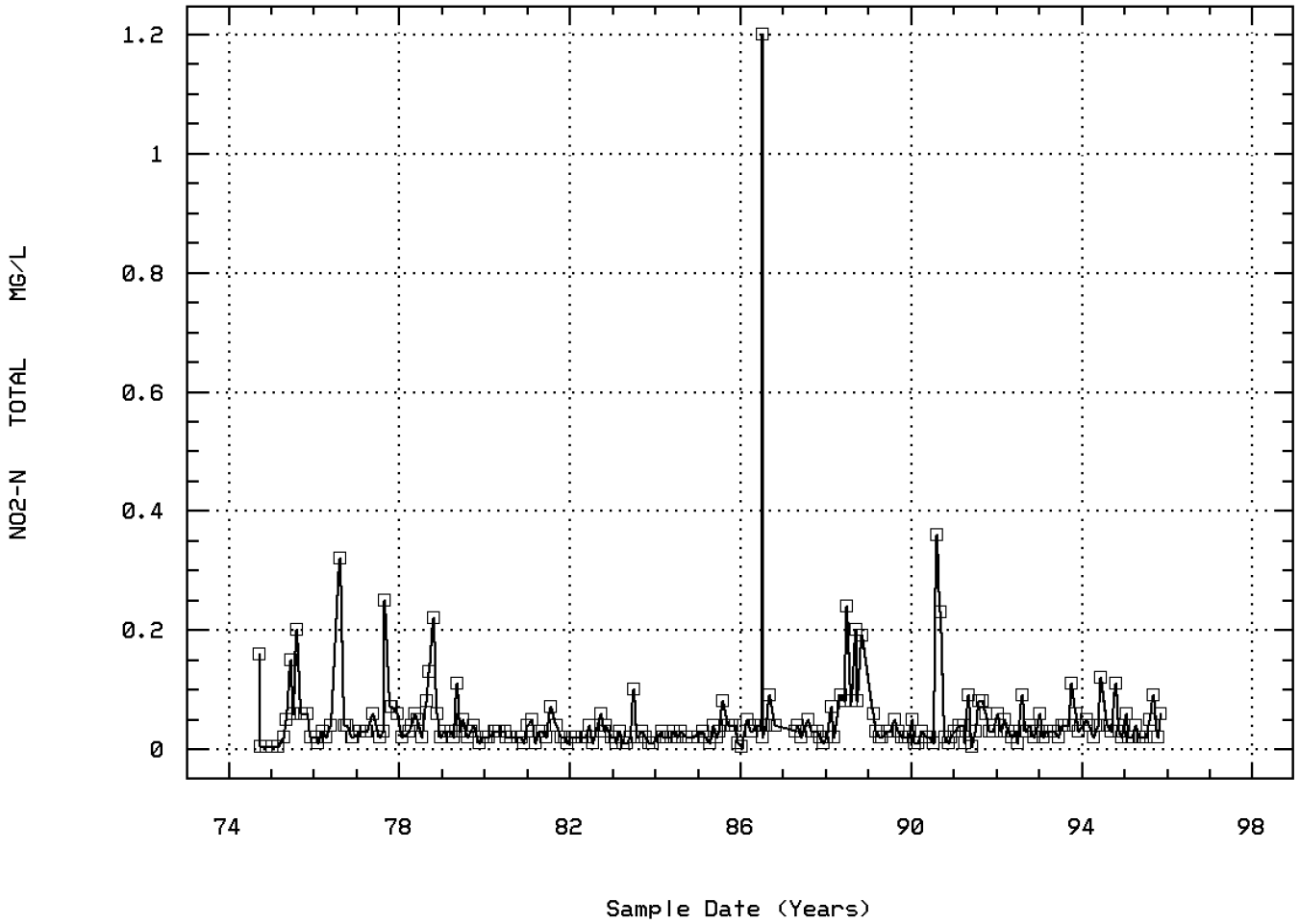
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00615

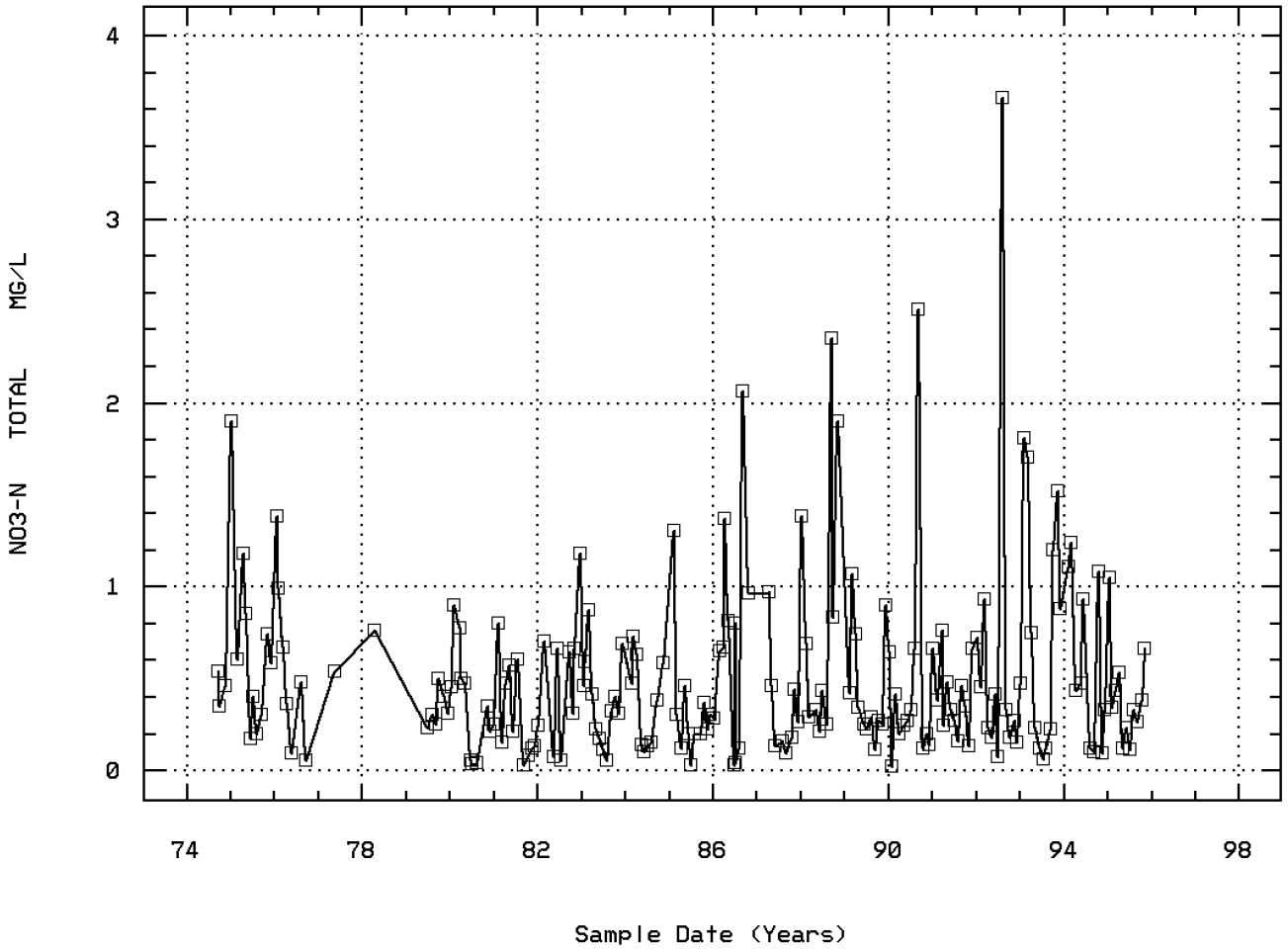
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00620

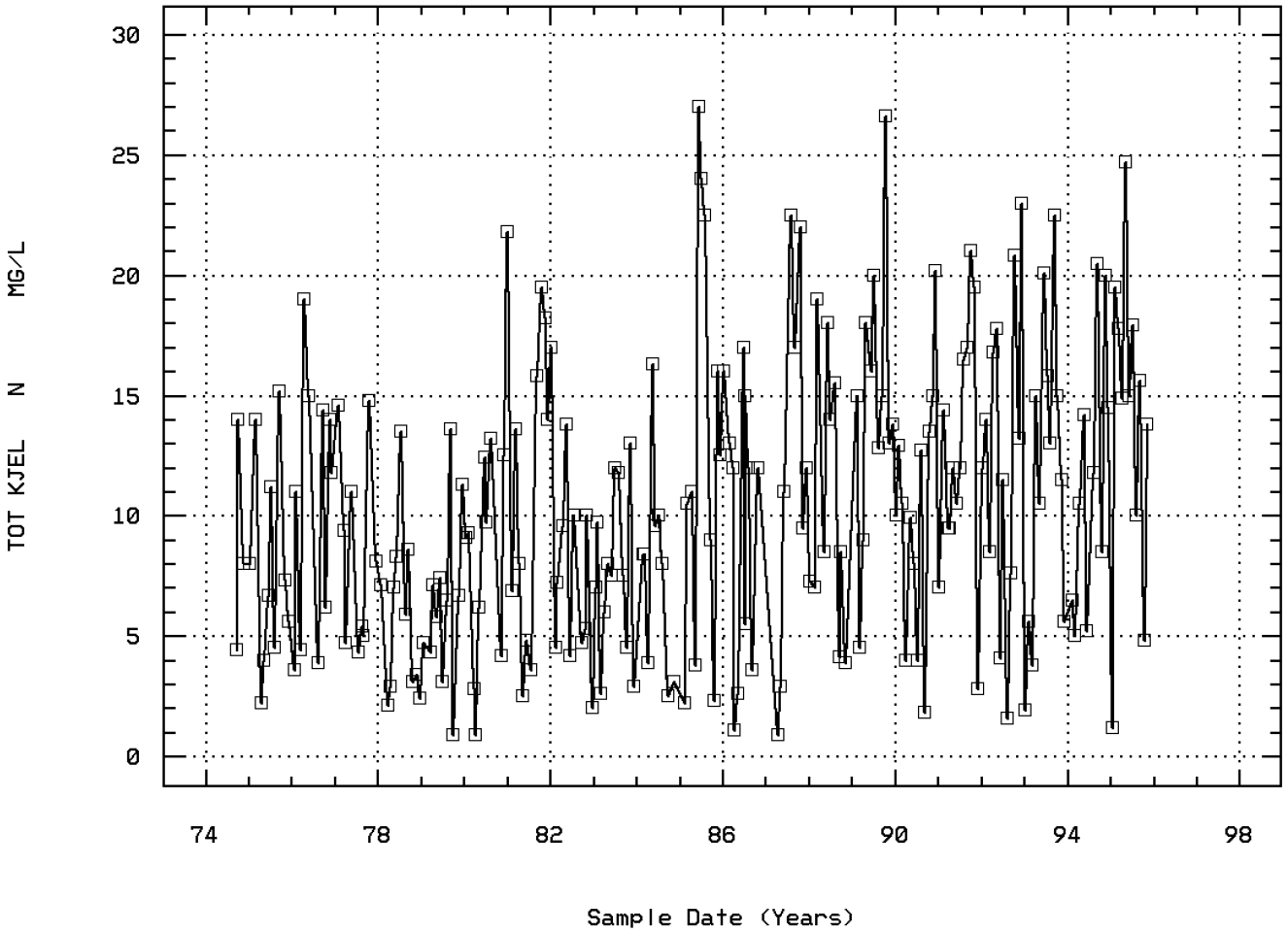
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00625

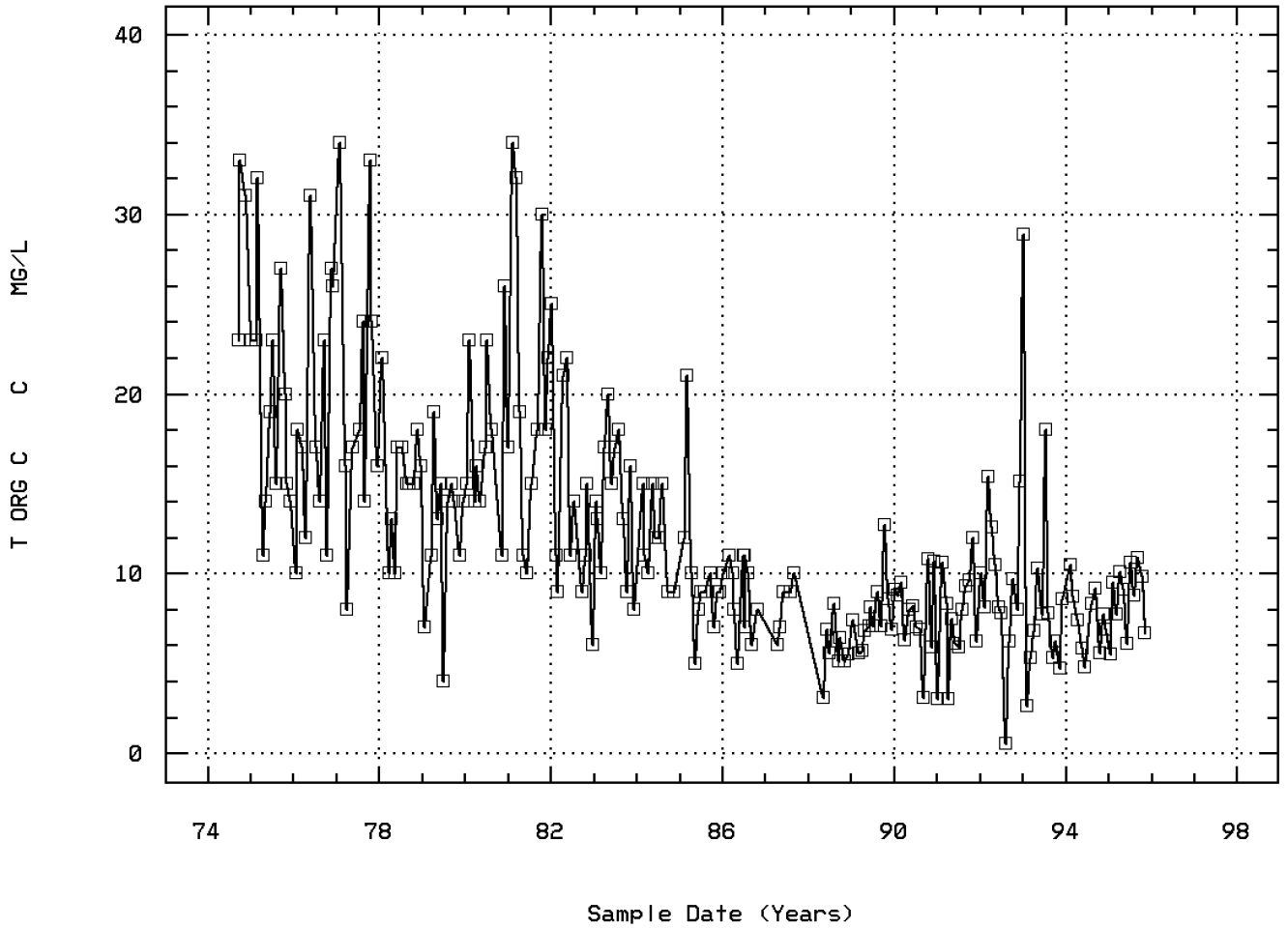
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00680

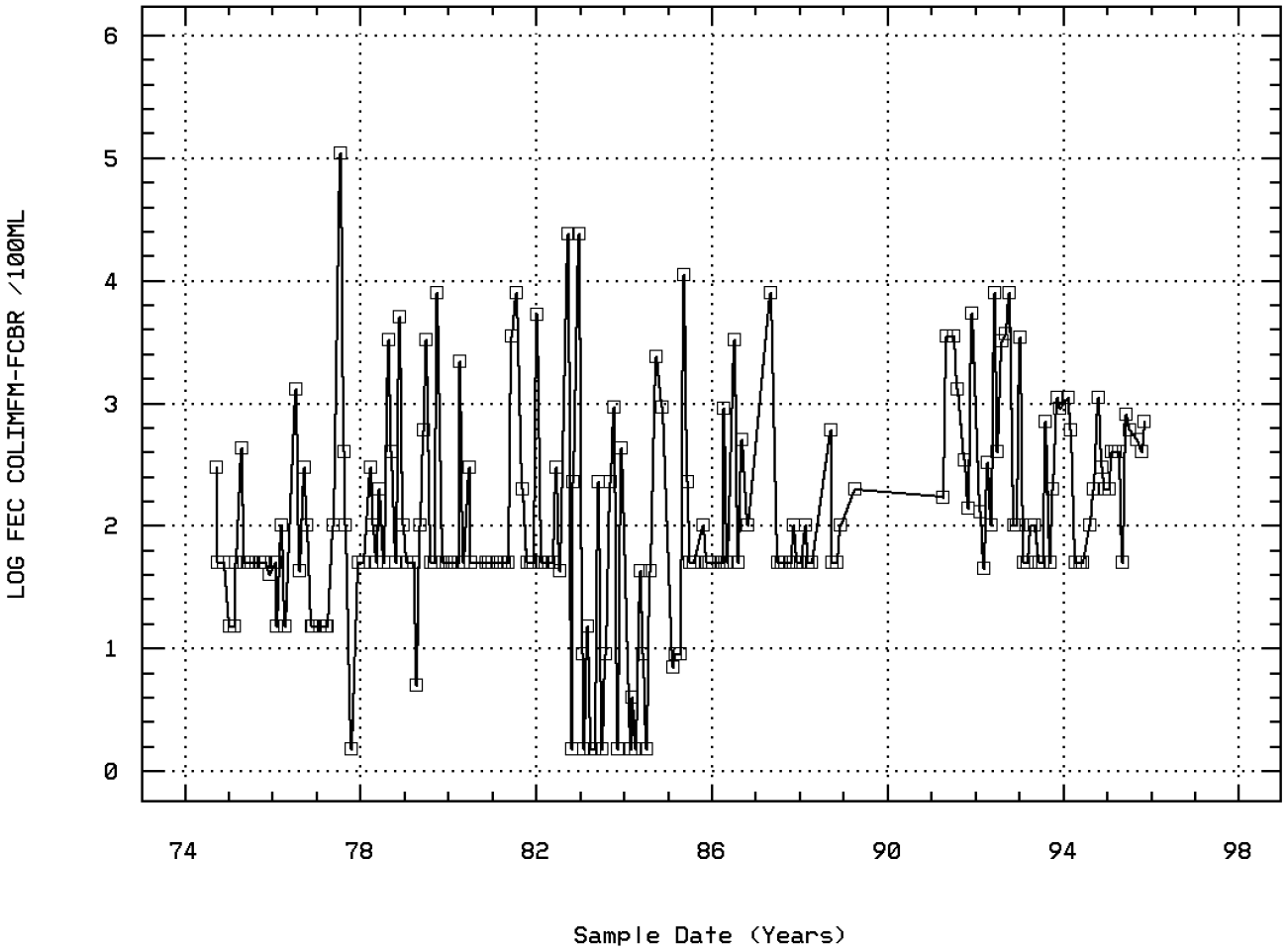
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Annual Analysis for 1974 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	3	18.9	17.033	23.9	8.3	63.453	7.966	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	3	6.	6.167	9.2	3.3	8.723	2.954	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	3	28.	28.333	34.	23.	30.333	5.508	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.	7.1	7.5	6.8	0.13	0.361	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.	7.015	7.5	6.8	0.141	0.375	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	3	0.1	0.097	0.158	0.032	0.004	0.063	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	3	5.	4.966	6.	3.899	1.104	1.051	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3 ##	0.005	0.057	0.16	0.005	0.008	0.089	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3	0.46	0.45	0.54	0.35	0.009	0.095	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	3	8.	8.8	14.	4.399	23.524	4.85	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	3	31.	29.	33.	23.	28.	5.292	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	50.	133.333	300.	50.	20833.333	144.338	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	1.699	1.958	2.477	1.699	0.202	0.449	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			90.856								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	3	0.6	0.567	1.1	0.	0.303	0.551	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	3	2.8	2.467	3.2	1.4	0.893	0.945	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	3	2.099	2.166	3.	1.399	0.644	0.803	**	**	**	**

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

Annual Analysis for 1975 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	15.3	16.992	27.2	6.7	58.306	7.636	6.85	9.725	25.125	27.05
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	5.8	6.558	11.4	1.	13.608	3.689	1.6	3.375	10.525	11.34
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	12.5	14.333	33.	9.	50.788	7.127	9.	9.	16.5	29.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.3	7.317	9.	6.8	0.354	0.595	6.8	6.925	7.375	8.61
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.3	7.123	9.	6.8	0.395	0.629	6.8	6.925	7.375	8.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.05	0.075	0.158	0.001	0.003	0.052	0.007	0.042	0.119	0.158
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	5	237.	255.	306.	221.	1485.5	38.542	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	5	67.	77.2	119.	61.	579.2	24.067	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	5	170.	177.8	223.	149.	833.7	28.874	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	22.	25.333	46.	4.	209.	14.457	4.	13.	37.	46.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	12.	10.889	22.	2.	48.111	6.936	2.	4.	16.	22.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	14.	14.444	26.	2.	67.778	8.233	2.	7.	22.	26.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	4.05	4.77	12.	2.	7.637	2.763	2.11	3.249	5.25	11.4
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.055	0.063	0.2	0.005	0.004	0.064	0.005	0.016	0.082	0.195
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.59	0.692	1.899	0.17	0.277	0.527	0.173	0.275	0.932	1.827
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	6.999	7.868	15.19	2.199	18.616	4.315	2.379	4.375	11.893	15.071
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	19.5	19.667	32.	11.	38.424	6.199	11.9	14.25	23.	30.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	77.273	430.	15.	13876.818	117.8	15.	40.	50.	354.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	1.68	2.633	1.176	0.143	0.378	1.176	1.602	1.699	2.447
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.868								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.	0.056	0.3	0.	0.01	0.101	0.	0.	0.1	0.3
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	10	1.5	1.58	3.3	0.4	1.077	1.038	0.41	0.65	2.45	3.26
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.7	0.946	2.299	0.2	0.463	0.68	0.216	0.39	1.424	2.249

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

Annual Analysis for 1976 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	12.5	14.5	27.2	5.6	58.824	7.67	5.71	7.9	22.925	26.81
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	8.2	7.856	11.8	2.6	14.66	3.829	2.6	3.4	11.5	11.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	19.	16.727	27.	1.	76.218	8.73	2.4	9.	25.	27.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	7.136	7.7	6.7	0.097	0.311	6.72	6.8	7.3	7.66
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	7.044	7.7	6.7	0.106	0.326	6.72	6.8	7.3	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.063	0.09	0.2	0.02	0.003	0.059	0.022	0.05	0.158	0.191
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	25.	28.	46.	12.	144.889	12.037	12.2	18.5	40.	46.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	10.	9.	16.	0.	34.889	5.907	0.2	2.	14.5	16.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	18.	20.	38.	6.	138.667	11.776	6.2	9.5	30.5	37.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	4.699	6.17	12.	2.399	13.456	3.668	2.409	2.875	10.	11.8
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.025	0.056	0.32	0.01	0.009	0.093	0.011	0.02	0.04	0.292
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	7	0.48	0.574	1.379	0.05	0.232	0.482	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	11.395	10.328	19.	3.599	29.824	5.461	3.629	4.274	14.543	18.6
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	17.	18.727	31.	10.	50.018	7.072	10.2	12.	26.	30.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	46.5	195.3	1300.	15.	158203.122	397.748	15.	15.	150.	1200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10 ##	1.666	1.763	3.114	1.176	0.427	0.654	1.176	1.176	2.119	3.05
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			57.914								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	11	0.1	0.364	2.	0.	0.403	0.634	0.	0.	0.4	1.82
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	10	0.75	1.2	3.3	0.2	1.289	1.135	0.21	0.45	1.85	3.29
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.475	0.844	2.899	0.1	0.863	0.929	0.108	0.24	1.275	2.819

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Annual Analysis for 1977 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	11.75	12.96	29.	1.1	102.785	10.138	1.15	2.575	23.5	28.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	6.15	6.45	9.8	2.9	8.401	2.898	2.91	3.	9.6	9.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	8	16.	16.75	33.	7.	59.929	7.741	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.3	7.28	7.8	6.8	0.097	0.312	6.81	6.975	7.5	7.77
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.3	7.181	7.8	6.8	0.108	0.329	6.81	6.975	7.5	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.05	0.066	0.158	0.016	0.002	0.047	0.017	0.032	0.106	0.155
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	19.	19.9	40.	7.	88.544	9.41	7.4	13.25	25.	38.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	8.5	8.	16.	0.	22.	4.69	0.4	4.	10.75	15.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	11.	11.9	34.	2.	80.767	8.987	2.2	6.25	15.25	32.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	6.25	7.08	14.5	3.	15.728	3.966	3.	3.449	10.5	14.25
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.045	0.065	0.25	0.02	0.005	0.068	0.021	0.03	0.07	0.232
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	9	8.099	8.586	14.79	4.299	17.221	4.15	4.299	4.85	12.795	14.79
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	17.5	20.4	34.	8.	68.933	8.303	8.6	15.5	26.25	33.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	1	88.	88.	88.	88.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	12299.611	110000.	1.51342332	409.486	36637.855	1.5	15.	250.	110000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	1.894	5.041	0.176	1.871	1.368	0.176	1.176	2.301	5.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			78.359								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	9	1.2	1.4	4.3	0.2	1.655	1.286	0.2	0.45	1.95	4.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	9	0.8	1.125	3.	0.	1.082	1.04	0.	0.215	2.049	3.

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Annual Analysis for 1978 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	17.25	16.68	31.5	0.5	144.857	12.036	0.7	4.	28.875	31.35
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	9.75	8.98	11.4	5.3	5.897	2.428	5.37	6.675	11.225	11.39
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	11.	10.2	23.	1.	44.622	6.68	1.3	4.	14.	22.4
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.25	7.3	8.	6.9	0.1	0.316	6.9	7.125	7.425	7.95
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.247	7.213	8.	6.9	0.108	0.329	6.9	7.125	7.425	7.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.057	0.061	0.126	0.01	0.001	0.038	0.012	0.038	0.079	0.126
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	35.	31.	46.	15.	102.4	10.119	15.6	24.	39.	45.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	9.	9.545	20.	5.	16.473	4.059	5.	8.	10.	18.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	27.	21.455	36.	4.	104.873	10.241	5.2	10.	29.	34.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	3.65	5.04	12.	1.5	12.403	3.522	1.54	2.275	8.275	11.65
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.05	0.066	0.22	0.02	0.004	0.061	0.02	0.02	0.08	0.202
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	5.9	5.845	13.5	2.099	12.321	3.51	2.159	2.9	8.3	12.52
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	15.	15.273	22.	10.	12.018	3.467	10.	13.	17.	21.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	100.	872.727	5000.	50.	2783181.818	1668.287	50.	50.	400.	4660.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	2.	2.309	3.699	1.699	0.519	0.72	1.699	1.699	2.602	3.663
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			203.473								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	4	0.1	0.25	0.8	0.	0.143	0.379	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	11	0.2	0.373	2.1	0.1	0.332	0.576	0.1	0.2	0.3	1.74
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	11	0.14	0.275	1.5	0.05	0.173	0.416	0.052	0.1	0.25	1.272

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Annual Analysis for 1979 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	19.5	17.109	26.	6.	49.641	7.046	6.4	9.5	23.	25.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	6	362.	328.333	520.	81.	24673.067	157.077	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	7.9	7.955	11.3	4.5	5.237	2.288	4.56	6.3	9.8	11.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	6.	6.364	11.	3.	6.455	2.541	3.	4.	8.	10.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	6	28.5	27.167	38.	3.	164.567	12.828	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	7.2	7.5	6.8	0.042	0.205	6.84	7.1	7.4	7.48
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	7.154	7.5	6.8	0.044	0.211	6.84	7.1	7.4	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.063	0.07	0.158	0.032	0.001	0.036	0.033	0.04	0.079	0.147
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	5	243.	248.4	356.	184.	4222.3	64.979	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	5	57.	134.4	500.	13.	42136.3	205.271	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	5	182.	205.	316.	158.	4066.	63.765	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	21.	48.364	262.	9.	5946.255	77.112	9.	14.	24.	233.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	6.	70.545	700.	3.	43626.273	208.869	3.	4.	11.	565.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	12.	30.818	136.	5.	1942.164	44.07	5.	9.	21.	128.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	4.6	4.964	11.5	0.4	8.379	2.895	0.72	3.	6.	10.6
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.03	0.035	0.11	0.01	0.001	0.027	0.012	0.02	0.04	0.098
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	6	0.305	0.332	0.5	0.23	0.01	0.101	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	6.5	6.491	13.6	0.9	12.615	3.552	1.34	4.3	7.4	13.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	6	0.15	0.158	0.3	0.05	0.008	0.092	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	6	0.125	0.132	0.2	0.04	0.004	0.061	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	14.	12.455	19.	4.	16.873	4.108	4.6	11.	15.	18.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	1118.636	8000.	5.	6151020.455	2480.125	14.	50.	600.	7060.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	2.099	3.903	0.699	0.866	0.931	0.899	1.699	2.778	3.826
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			125.696								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	4	0.3	0.4	1.	0.	0.207	0.455	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	5	0.2	0.18	0.3	0.1	0.007	0.084	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	5	0.23	0.196	0.3	0.05	0.01	0.101	**	**	**	**

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Annual Analysis for 1980 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	13.55	15.17	26.	4.2	58.816	7.669	4.68	9.375	24.4	25.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	469.5	466.3	941.	176.	43157.789	207.745	189.	318.	554.	905.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	10.15	8.88	13.8	3.4	10.042	3.169	3.61	6.175	10.75	13.57
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	8.	9.	16.	3.	25.556	5.055	3.1	4.75	14.5	16.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	37.	38.5	58.	24.	125.611	11.208	24.	30.	48.5	57.2
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.	7.02	7.4	6.3	0.095	0.308	6.35	6.95	7.225	7.39
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.	6.894	7.4	6.3	0.113	0.336	6.35	6.95	7.225	7.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.1	0.128	0.501	0.04	0.018	0.136	0.041	0.06	0.115	0.467
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	25.	26.85	63.	2.5	385.892	19.644	3.35	12.5	37.	62.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	7.5	9.45	20.	2.5	27.692	5.262	2.75	5.75	14.	19.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	10	10.	17.65	56.	2.5	325.447	18.04	2.65	4.75	26.	54.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	7.5	6.1	9.	0.6	9.669	3.109	0.75	3.3	8.625	9.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.02	0.023	0.03	0.01	0.	0.007	0.011	0.02	0.03	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.4	0.377	0.9	0.03	0.092	0.303	0.031	0.048	0.568	0.887
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	9.2	8.03	13.2	0.9	18.618	4.315	1.09	3.85	12.425	13.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.3	0.4	1.	0.1	0.118	0.343	0.1	0.1	0.675	0.99
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.19	0.296	0.9	0.06	0.084	0.289	0.061	0.078	0.438	0.88
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	16.5	17.7	26.	11.	23.122	4.809	11.3	14.	23.	25.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	316.667	2200.	50.	505625.	711.073	50.	50.	175.	2200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	1.968	3.342	1.699	0.332	0.576	1.699	1.699	2.088	3.342
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.905								

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Annual Analysis for 1981 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	12.4	14.982	25.	2.5	48.656	6.975	4.	10.5	23.1	24.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	579.	528.636	876.	200.	45978.855	214.427	205.2	279.	686.	841.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	7.3	6.709	8.8	1.3	4.669	2.161	1.98	5.8	8.4	8.76
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	16.	15.091	25.	3.	68.691	8.288	3.2	7.	24.	25.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	39.	45.636	93.	21.	529.855	23.019	21.2	34.	50.	91.2
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.8	6.809	7.4	6.2	0.163	0.404	6.24	6.4	7.2	7.38
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.8	6.652	7.4	6.2	0.19	0.436	6.24	6.4	7.2	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.158	0.223	0.631	0.04	0.036	0.189	0.042	0.063	0.398	0.584
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	17.	32.091	158.	10.	1826.291	42.735	10.4	14.	28.	134.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	8.	9.364	26.	4.	41.255	6.423	4.	6.	10.	24.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	11.	22.727	132.	4.	1407.218	37.513	4.	4.	24.	112.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	8.5	8.818	21.	1.6	37.92	6.158	1.66	3.6	14.5	19.84
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.03	0.031	0.07	0.01	0.	0.018	0.01	0.02	0.04	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.21	0.31	0.8	0.025	0.066	0.257	0.036	0.12	0.57	0.76
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	13.6	11.7	21.8	2.5	46.54	6.822	2.72	4.8	18.2	21.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.3	0.359	1.2	0.05	0.101	0.318	0.06	0.1	0.5	1.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.22	0.302	1.2	0.04	0.115	0.339	0.045	0.098	0.388	1.121
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	18.	20.545	34.	10.	66.473	8.153	10.2	15.	30.	33.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	1100.	8000.	50.	6300000.	2509.98	50.	50.	200.	7100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	2.122	3.903	1.699	0.666	0.816	1.699	1.699	2.301	3.831
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			132.377								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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Annual Analysis for 1982 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	15.5	14.382	23.9	4.	58.722	7.663	4.02	6.	22.5	23.72
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	13.	13.75	19.	10.	14.25	3.775	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	402.	448.182	645.	315.	14298.964	119.578	317.2	331.	561.	628.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	8.5	8.6	12.	5.8	4.074	2.018	5.82	7.3	10.2	11.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	7.5	8.9	20.	4.	28.767	5.363	4.	4.	12.25	19.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	27.	34.091	78.	15.	330.691	18.185	16.4	22.	44.	73.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	6.85	6.85	7.5	6.3	0.129	0.36	6.31	6.625	7.125	7.47
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	6.847	6.725	7.5	6.3	0.147	0.383	6.31	6.625	7.125	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.142	0.188	0.501	0.032	0.023	0.15	0.035	0.075	0.249	0.491
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	6	7.25	7.25	7.7	6.9	0.091	0.302	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	6	7.225	7.171	7.7	6.9	0.099	0.314	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	6	0.06	0.067	0.126	0.02	0.002	0.041	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	6	63.	64.667	94.	45.	360.667	18.991	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	14.	16.227	42.	2.5	123.568	11.116	3.6	9.	20.	39.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	8.	7.136	13.	1.	17.205	4.148	1.3	3.	10.	13.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	7.	8.409	23.	2.	43.441	6.591	2.1	3.	11.	21.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	4.5	6.059	15.	0.25	18.946	4.353	0.52	3.2	8.8	14.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.02	0.027	0.06	0.01	0.	0.014	0.012	0.02	0.04	0.056
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.65	0.551	1.18	0.05	0.143	0.378	0.052	0.198	0.775	1.162
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	7.2	8.027	17.	2.	20.67	4.546	2.44	4.5	10.	16.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.2	0.241	0.5	0.05	0.026	0.163	0.06	0.1	0.4	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.11	0.155	0.34	0.03	0.011	0.106	0.032	0.07	0.26	0.324
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	11.	14.	25.	6.	37.6	6.132	6.6	9.	21.	24.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	6	45.	49.5	68.	32.	223.5	14.95	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	50.	4915.864	24000.	1.5	91442188.305	9562.541	9.8	50.	5300.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	1.699	2.357	4.38	0.176	1.708	1.307	0.468	1.699	3.724	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			227.604								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.45	3.683	20.	0.	64.098	8.006	**	**	**	**

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Annual Analysis for 1983 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	14.75	16.408	28.2	7.	55.035	7.419	7.6	9.25	22.925	27.69
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	14.15	12.908	19.	1.5	30.866	5.556	2.64	10.	17.75	18.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	395.	449.417	1333.	222.	84514.992	290.715	228.3	298.75	463.	1079.8
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	8.6	9.017	12.2	6.2	3.818	1.954	6.32	7.575	10.975	11.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	14.5	14.5	26.	3.	76.636	8.754	3.3	5.75	24.25	26.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	32.	30.583	46.	13.	97.356	9.867	14.2	22.	37.5	44.5
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.75	6.733	7.2	6.2	0.092	0.303	6.23	6.525	6.975	7.17
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.747	6.635	7.2	6.2	0.102	0.32	6.23	6.525	6.975	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.179	0.232	0.631	0.063	0.03	0.174	0.068	0.106	0.3	0.592
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.2	7.05	7.8	6.	0.257	0.507	6.15	6.65	7.4	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.189	6.745	7.8	6.	0.359	0.599	6.15	6.65	7.4	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.065	0.18	1.	0.016	0.076	0.275	0.021	0.04	0.228	0.795
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	50.5	48.833	80.	12.	279.606	16.721	18.	42.25	55.75	75.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	11.	12.583	24.	5.	34.265	5.854	5.3	8.5	17.25	23.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	5.5	6.417	11.	2.	9.538	3.088	2.	4.25	9.	10.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	5.5	6.167	15.	1.	15.788	3.973	1.6	3.25	7.75	14.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	6.25	6.75	12.	2.	10.666	3.266	2.06	4.125	8.875	11.94
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.02	0.024	0.1	0.01	0.001	0.025	0.01	0.01	0.028	0.079
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.36	0.383	0.87	0.05	0.059	0.243	0.068	0.183	0.558	0.816
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	7.5	7.708	13.	2.6	11.839	3.441	2.69	4.875	11.275	12.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.168	0.41	0.05	0.016	0.126	0.065	0.1	0.258	0.407
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.1	0.173	0.6	0.04	0.032	0.179	0.04	0.05	0.283	0.543
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	14.5	14.167	20.	8.	13.97	3.738	8.3	10.75	17.	19.4

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Annual Analysis for 1983 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	57.	84.091	365.	38.	8827.291	93.954	38.8	44.	73.	307.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	11.6	11.389	13.2	8.8	2.981	1.727	8.8	9.65	13.	13.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	9.	155.042	930.	1.5	78867.566	280.834	1.5	1.5	230.	780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	0.954	1.191	2.968	0.176	1.204	1.097	0.176	0.176	2.362	2.868
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.519								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	10	0.6	0.64	1.2	0.2	0.1	0.317	0.21	0.375	0.85	1.18

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Annual Analysis for 1984 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	8	12.9	16.225	29.	8.	73.116	8.551	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	13.4	20.067	51.	7.7	200.05	14.144	7.7	11.95	27.25	51.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	430.	385.444	604.	145.	23310.528	152.678	145.	237.	491.5	604.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	8	9.4	9.2	11.4	6.2	3.666	1.915	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	10.	8.778	18.	4.	20.444	4.522	4.	4.	10.5	18.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	9	27.	28.	53.	14.	153.	12.369	14.	17.5	35.	53.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8	6.5	6.513	7.	5.7	0.216	0.464	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	6.455	6.285	7.	5.7	0.275	0.524	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.35	0.519	1.995	0.1	0.4	0.632	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	6.5	6.533	7.	6.3	0.045	0.212	6.3	6.35	6.6	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	6.5	6.494	7.	6.3	0.047	0.216	6.3	6.35	6.6	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.316	0.321	0.501	0.1	0.017	0.13	0.1	0.251	0.45	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	29.	31.	46.	17.	89.5	9.46	17.	23.5	38.5	46.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	15.	22.444	56.	8.	241.528	15.541	8.	12.	32.	56.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	8.	7.778	11.	5.	3.444	1.856	5.	6.	9.	11.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	10.	14.667	47.	0.	218.5	14.782	0.	5.5	22.5	47.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	7.	6.778	14.	1.9	14.784	3.845	1.9	2.8	9.	14.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.02	0.023	0.03	0.02	0.	0.005	0.02	0.02	0.03	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.38	0.368	0.73	0.1	0.06	0.246	0.1	0.135	0.605	0.73
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	9	8.4	7.8	16.3	2.5	18.31	4.279	2.5	3.5	9.8	16.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9	0.2	0.15	0.2	0.05	0.004	0.061	0.05	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	9	0.1	0.1	0.18	0.04	0.002	0.04	0.04	0.07	0.12	0.18
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	9	12.	12.	15.	9.	6.25	2.5	9.	9.5	15.	15.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	83.	81.	133.	29.	1529.25	39.106	29.	41.	119.5	133.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	3	13.2	12.6	14.	10.6	3.16	1.778	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	9.	381.5	2400.	1.5	664852.688	815.385	1.5	1.5	486.5	2400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	0.954	1.3	3.38	0.176	1.466	1.211	0.176	0.176	2.301	3.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.954								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	8	0.45	0.394	0.75	0.	0.089	0.298	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	17.5	17.264	24.	3.	43.495	6.595	4.6	13.4	23.	23.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	11.	23.009	60.	7.5	418.507	20.457	7.68	8.4	48.	58.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	461.	424.455	660.	105.	24578.473	156.775	134.	273.	501.	641.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	7.5	8.1	12.8	6.6	3.94	1.985	6.6	6.75	8.95	12.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	6.	6.909	14.	3.	14.491	3.807	3.	5.	8.	14.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	26.	25.455	34.	14.	29.673	5.447	15.4	22.	29.	33.2
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.2	6.241	7.1	5.5	0.212	0.461	5.54	6.	6.5	7.05
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.2	6.045	7.1	5.5	0.255	0.505	5.54	6.	6.5	7.05

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Annual Analysis for 1985 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.631	0.901	3.162	0.079	0.833	0.913	0.092	0.316	1.	2.929
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	6.8	6.709	7.1	6.4	0.057	0.239	6.4	6.5	6.9	7.06
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	6.8	6.652	7.1	6.4	0.061	0.246	6.4	6.5	6.9	7.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.158	0.223	0.398	0.079	0.014	0.117	0.089	0.126	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	33.	37.273	64.	22.	172.418	13.131	22.2	28.	43.	62.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	21.	28.773	111.	2.5	961.968	31.016	3.2	7.	40.	98.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	7.	7.045	15.	2.5	12.523	3.539	2.8	4.	10.	14.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	15.	21.955	96.	1.	760.923	27.585	1.2	2.	30.	84.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	10.	9.127	16.5	1.1	30.618	5.533	1.2	2.7	14.5	16.5
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.03	0.033	0.08	0.01	0.	0.02	0.01	0.02	0.04	0.072
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.22	0.336	1.3	0.025	0.116	0.341	0.044	0.2	0.37	1.132
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	11.	12.8	27.	2.2	75.808	8.707	2.22	3.8	22.5	26.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.109	0.2	0.05	0.004	0.063	0.05	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.04	0.054	0.2	0.01	0.003	0.053	0.012	0.02	0.07	0.176
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	9.	9.909	21.	5.	16.691	4.085	5.4	8.	10.	19.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	80.	86.818	146.	30.	1294.164	35.974	34.	59.	103.	145.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	50.	1155.5	11000.	7.	11969034.278	3459.629	7.2	9.	132.5	9923.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	1.699	1.795	4.041	0.845	0.862	0.929	0.856	0.954	2.09	3.873
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			62.411								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.2	0.222	0.6	0.	0.044	0.211	0.	0.05	0.4	0.6

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Annual Analysis for 1986 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	21.	18.455	29.	3.	79.897	8.938	3.2	9.6	25.	28.44
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	11.5	15.191	57.	3.5	221.527	14.884	4.08	7.2	14.4	50.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	483.	494.909	651.	319.	10025.891	100.129	332.4	401.	577.	637.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	8.2	8.17	13.2	3.5	10.502	3.241	3.54	5.55	10.4	13.07
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	10.	9.545	19.	3.	23.073	4.803	3.2	4.	11.	18.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	22.	25.091	52.	11.	128.491	11.335	11.8	16.	29.	48.6
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.709	7.6	6.1	0.169	0.411	6.16	6.4	6.9	7.5
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.566	7.6	6.1	0.191	0.438	6.16	6.4	6.9	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.251	0.272	0.794	0.025	0.046	0.215	0.036	0.126	0.398	0.715
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.1	7.055	7.3	6.6	0.047	0.216	6.64	6.9	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.1	7.	7.3	6.6	0.05	0.224	6.64	6.9	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.079	0.1	0.251	0.05	0.004	0.06	0.05	0.063	0.126	0.233
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	57.	55.455	81.	24.	254.073	15.94	27.2	44.	68.	78.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	13.	18.045	48.	2.5	214.023	14.63	3.2	7.	34.	45.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	3.	4.773	12.	2.	10.368	3.22	2.1	3.	7.	11.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	8.	13.5	36.	2.5	131.35	11.461	2.6	4.	25.	34.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	9.	7.275	15.	0.32	27.674	5.261	0.336	1.	10.5	14.6
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.04	0.144	1.2	0.005	0.123	0.351	0.008	0.03	0.05	0.978
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.67	0.708	2.06	0.025	0.379	0.616	0.028	0.12	0.96	1.922
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	12.	9.982	17.	1.1	32.618	5.711	1.4	3.6	15.	16.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.05	0.063	0.1	0.03	0.001	0.032	0.03	0.03	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.02	0.027	0.07	0.01	0.	0.018	0.01	0.01	0.03	0.066
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	10.	8.818	11.	5.	4.564	2.136	5.2	7.	11.	11.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	82.	79.273	123.	22.	759.018	27.55	29.2	58.	98.	119.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	8	6.15	6.138	9.1	1.6	6.166	2.483	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	561.111	3300.	50.	1142361.111	1068.813	50.	50.	700.	3300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	2.185	3.519	1.699	0.481	0.694	1.699	1.699	2.827	3.519
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			153.171								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	5	0.3	0.28	0.5	0.1	0.022	0.148	**	**	**	**

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Annual Analysis for 1987 - Station GWMP0097

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	8		18.05	20.238	29.4	13.5	41.26	6.423	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	7		6.1	9.657	27.	2.6	76.03	8.719	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	8		535.	478.	642.	164.	35292.	187.862	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	8		8.35	8.188	10.7	4.7	4.133	2.033	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	8		12.5	10.75	15.	2.	19.929	4.464	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	8		29.	28.25	39.	13.	68.786	8.294	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8		6.8	6.834	7.26	6.4	0.083	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8		6.8	6.756	7.26	6.4	0.09	0.299	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8		0.158	0.176	0.398	0.055	0.012	0.11	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	8		6.75	6.888	7.6	6.6	0.121	0.348	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	8		6.747	6.798	7.6	6.6	0.13	0.361	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	8		0.179	0.159	0.251	0.025	0.007	0.083	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	8		53.	54.625	84.	22.	365.411	19.116	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	8	##	4.75	13.375	46.	2.5	264.982	16.278	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	8	##	2.5	3.813	6.	2.5	3.281	1.811	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	8	##	3.75	10.875	40.	2.5	191.982	13.856	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	8		9.	7.144	13.	0.05	30.235	5.499	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8		0.03	0.029	0.05	0.01	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8		0.22	0.336	0.97	0.09	0.085	0.291	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	8		11.5	12.225	22.5	0.9	64.016	8.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	8		0.1	0.094	0.2	0.05	0.002	0.05	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	8		0.02	0.026	0.07	0.005	0.	0.021	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	5		9.	8.2	10.	6.	2.7	1.643	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	5		92.	93.6	116.	64.	482.8	21.973	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	8		98.5	84.375	126.	6.	1963.696	44.314	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	8		8.15	8.138	11.5	4.5	4.154	2.038	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	##	50.	1192.857	8000.	50.	9010357.143	3001.726	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	##	1.699	2.057	3.903	1.699	0.675	0.822	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =				113.985								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	7		0.2	0.229	0.6	0.1	0.029	0.17	**	**	**	**

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

Annual Analysis for 1988 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	17.4	16.7	28.1	2.9	70.06	8.37	4.28	8.625	24.95	27.41
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	5.	9.509	28.	2.3	68.745	8.291	2.48	3.5	16.5	26.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	498.	476.818	665.	328.	8605.764	92.767	338.8	385.	526.	637.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	7.9	8.142	11.3	4.	4.099	2.025	4.69	6.875	9.475	11.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	7.	10.182	35.	2.	83.964	9.163	2.6	5.	14.	31.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	19.	20.909	36.	13.	41.491	6.441	13.6	16.	24.	34.4
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.055	7.151	7.9	6.6	0.186	0.431	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.052	6.993	7.9	6.6	0.214	0.463	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.089	0.102	0.251	0.013	0.007	0.084	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.1	7.	7.2	6.6	0.04	0.2	6.64	6.8	7.2	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.1	6.954	7.2	6.6	0.042	0.206	6.64	6.8	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.079	0.111	0.251	0.063	0.003	0.059	0.063	0.063	0.158	0.233
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	65.	64.545	113.	42.	357.073	18.896	43.	50.	68.	105.4
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	2	295.	295.	313.	277.	648.	25.456	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	2	61.5	61.5	70.	53.	144.5	12.021	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	2	230.	230.	243.	217.	338.	18.385	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	13.	14.682	37.	2.5	128.814	11.35	2.6	5.	21.	35.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	3.	3.773	7.	1.	5.268	2.295	1.2	2.	7.	7.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	10.	11.227	30.	2.	86.868	9.32	2.1	3.	14.	29.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	6.075	6.995	13.4	3.4	12.354	3.515	3.41	3.8	10.175	13.16
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.08	0.107	0.24	0.02	0.006	0.076	0.02	0.058	0.193	0.236

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Annual Analysis for 1988 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.56	0.866	2.35	0.21	0.576	0.759	0.214	0.28	1.51	2.305
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	8.5	10.58	19.	3.9	31.153	5.582	3.925	6.288	16.125	18.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.105	0.2	0.05	0.003	0.055	0.05	0.05	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.03	0.031	0.06	0.01	0.	0.014	0.011	0.02	0.04	0.058
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	8	5.55	5.75	8.3	3.1	2.314	1.521	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	109.	108.833	138.	68.	502.152	22.409	71.	94.5	129.5	138.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	83.5	83.9	152.	37.	897.656	29.961	38.8	67.75	94.	146.5
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	2	58.	58.	66.	50.	128.	11.314	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2	0.315	0.315	0.41	0.22	0.018	0.134	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	10	8.1	7.75	11.	3.7	5.789	2.406	3.79	5.425	9.775	10.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	50.	131.25	600.	50.	36383.929	190.746	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	1.699	1.909	2.778	1.699	0.142	0.377	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			81.119								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Annual Analysis for 1989 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	18.5	19.891	28.7	6.	62.877	7.929	6.8	12.2	27.1	28.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	8.15	9.017	23.	2.7	41.451	6.438	2.7	3.25	12.9	21.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	7	453.	470.	617.	362.	7159.667	84.615	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	5	604.	775.4	1501.	523.	166490.3	408.032	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	7.5	7.591	10.9	5.6	3.249	1.802	5.6	5.8	8.8	10.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	9.	8.545	17.	3.	17.273	4.156	3.4	5.	12.	16.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	28.5	30.667	68.	13.	256.788	16.025	13.6	17.75	40.5	62.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8	6.9	6.971	7.6	6.5	0.174	0.417	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	6.889	6.821	7.6	6.5	0.2	0.447	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.129	0.151	0.316	0.025	0.014	0.118	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.	6.95	7.2	6.6	0.026	0.162	6.66	6.825	7.075	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.	6.92	7.2	6.6	0.027	0.165	6.66	6.825	7.075	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.1	0.12	0.251	0.063	0.003	0.051	0.068	0.085	0.15	0.223
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	51.	51.25	82.	37.	178.386	13.356	37.6	39.25	61.	76.
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	12	303.	354.083	783.	232.	21292.447	145.919	235.3	281.	382.	666.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	12	76.	80.667	131.	35.	930.606	30.506	37.1	60.5	113.	128.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	12	230.	273.417	712.	190.	20034.447	141.543	195.4	208.25	264.	586.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	9.5	14.667	42.	2.	186.424	13.654	2.6	5.	20.75	41.7
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	3.5	3.833	8.	1.	4.697	2.167	1.3	2.	5.5	7.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	7.	10.875	36.	0.5	138.46	11.767	0.95	3.25	14.5	35.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	11.8	9.832	15.8	3.5	15.472	3.933	3.7	7.2	12.8	15.22
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.03	0.03	0.06	0.02	0.	0.013	0.02	0.02	0.03	0.058
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.29	0.442	1.07	0.11	0.099	0.315	0.132	0.25	0.74	1.036
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	15.	14.882	26.6	4.5	32.594	5.709	5.4	12.8	18.	25.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.118	0.5	0.05	0.017	0.129	0.05	0.05	0.1	0.42
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.02	0.027	0.07	0.01	0.	0.016	0.012	0.02	0.03	0.064
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	7.1	7.675	12.7	5.6	3.517	1.875	5.63	6.825	8.475	11.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	13	96.	103.154	136.	78.	347.308	18.636	79.2	86.	118.	130.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	93.	114.545	429.	23.	11601.473	107.71	29.8	71.	111.	365.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	43.5	45.333	58.	35.	70.788	8.414	35.	37.75	54.5	57.4
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	12	0.335	0.373	0.62	0.19	0.016	0.128	0.211	0.283	0.503	0.593
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	10.15	9.842	12.	7.1	2.448	1.565	7.4	8.25	11.	11.82
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.								

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Annual Analysis for 1990 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	15.8	15.055	25.6	2.8	56.751	7.533	3.8	8.3	23.	25.44
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	10.35	25.45	114.	3.6	1104.363	33.232	3.66	4.125	44.75	96.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	3	524.	532.667	557.	517.	456.333	21.362	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	9	488.	458.889	581.	321.	9812.361	99.057	321.	346.	545.5	581.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	8.9	8.827	10.8	6.2	3.384	1.84	6.22	6.8	10.7	10.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	14.5	14.083	35.	2.	94.447	9.718	2.3	3.5	19.	31.1
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	28.	25.917	40.	13.	70.992	8.426	13.3	18.75	30.75	38.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	7	6.9	6.8	7.8	6.	0.52	0.721	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	7	6.9	6.405	7.8	6.	0.702	0.838	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	7	0.126	0.393	1.	0.016	0.199	0.446	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	6.85	6.975	7.8	6.2	0.244	0.494	6.29	6.6	7.475	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	6.847	6.754	7.8	6.2	0.297	0.545	6.29	6.6	7.475	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.142	0.176	0.631	0.016	0.031	0.176	0.021	0.034	0.251	0.537
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	46.5	48.5	77.	30.	283.727	16.844	30.3	33.25	60.5	76.7
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	12	276.	274.583	323.	207.	1475.538	38.413	211.5	243.	313.	320.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	12	58.5	61.25	86.	38.	287.295	16.95	39.8	46.5	80.	85.1
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	12	213.5	213.333	268.	169.	949.879	30.82	171.7	189.25	229.5	265.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	12.5	16.417	41.	1.	201.538	14.196	1.	3.25	29.75	38.9
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	3.5	3.583	8.	0.5	6.402	2.53	0.5	1.25	5.75	7.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	9.	12.958	34.	0.5	147.657	12.151	0.65	1.	24.	32.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	7.575	6.9	14.9	1.26	16.584	4.072	1.296	3.438	8.575	13.97
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.02	0.066	0.36	0.01	0.012	0.111	0.01	0.01	0.045	0.321
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.255	0.478	2.51	0.02	0.447	0.669	0.05	0.155	0.583	1.955
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	10.25	10.208	20.2	1.8	27.27	5.222	2.46	5.	13.35	18.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.096	0.1	0.05	0.	0.014	0.065	0.1	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.03	0.034	0.07	0.01	0.	0.021	0.01	0.013	0.048	0.07
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	8.1	7.858	10.8	3.1	4.777	2.186	3.94	6.45	9.4	10.77
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	96.	95.5	148.	62.	605.909	24.615	62.6	77.5	105.5	142.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	94.5	83.083	112.	30.	734.083	27.094	36.6	58.	105.25	112.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	42.5	41.333	54.	25.	86.97	9.326	25.	36.75	48.5	53.7
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	12	0.43	0.433	0.58	0.24	0.014	0.118	0.264	0.34	0.565	0.58
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	9.6	10.533	21.	5.9	14.506	3.809	6.08	9.15	11.65	18.48

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

Annual Analysis for 1991 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	20.3	18.191	26.3	7.5	44.361	6.66	7.7	11.7	24.8	26.02
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	10.5	9.908	16.	4.3	20.164	4.49	4.39	5.375	14.625	15.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	1	303.	303.	303.	303.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	12	461.	493.833	760.	47.	46229.606	215.011	116.6	366.5	717.25	753.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.65	7.82	12.8	3.8	10.208	3.195	3.86	5.	11.075	12.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	10.	10.167	17.	3.	22.152	4.707	3.	6.5	14.5	16.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	30.5	29.083	44.	11.	98.992	9.949	11.6	24.25	35.75	42.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.727	8.3	6.	0.388	0.623	6.04	6.3	7.	8.06
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	6.6	6.484	8.3	6.	0.453	0.673	6.04	6.3	7.	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.251	0.328	1.	0.005	0.086	0.293	0.02	0.1	0.501	0.926
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.6	7.467	8.1	6.8	0.148	0.385	6.83	7.1	7.675	8.01
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.6	7.301	8.1	6.8	0.178	0.422	6.83	7.1	7.675	8.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.025	0.05	0.158	0.008	0.002	0.049	0.01	0.021	0.085	0.149
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	58.5	60.25	88.	27.	368.568	19.198	30.9	44.	78.75	87.4
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	12	283.5	303.417	426.	163.	7926.629	89.032	172.6	251.25	404.5	423.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	12	71.5	69.917	124.	30.	750.083	27.388	31.5	47.5	91.25	115.6
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	12	215.	233.5	366.	133.	5167.	71.882	137.8	186.	295.25	355.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	9.5	10.417	18.	5.	19.902	4.461	5.	5.75	15.	17.1

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

Annual Analysis for 1991 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	3.	3.167	5.	2.	1.424	1.193	2.	2.	4.	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	7.	7.25	13.	3.	11.841	3.441	3.	3.5	10.75	12.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	9.825	10.559	16.	2.2	19.229	4.385	3.1	7.815	15.15	16.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.035	0.044	0.09	0.005	0.001	0.028	0.007	0.03	0.075	0.087
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.365	0.407	0.76	0.13	0.041	0.203	0.139	0.248	0.615	0.73
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	12.	12.642	21.	2.8	27.974	5.289	4.06	9.5	16.875	20.55
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.079	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.02	0.018	0.03	0.01	0.	0.006	0.01	0.01	0.02	0.027
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	7.75	7.458	12.	3.	7.735	2.781	3.	5.95	9.525	11.58
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	96.	104.	148.	62.	901.818	30.03	65.6	77.	140.	146.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	74.	85.833	125.	37.	849.788	29.151	43.9	67.25	119.25	124.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	44.5	49.417	71.	29.	214.629	14.65	30.2	39.25	64.	70.7
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.43	0.485	0.74	0.29	0.028	0.169	0.298	0.33	0.69	0.73
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	10.35	10.125	12.7	7.	3.175	1.782	7.3	8.55	11.8	12.55
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	1300.	2050.	5400.	140.	4349433.333	2085.53	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	3.114	2.978	3.732	2.146	0.446	0.668	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			949.52								

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Annual Analysis for 1992 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	16.85	16.992	26.6	6.	48.463	6.962	6.75	10.775	24.225	26.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	7.8	14.3	38.	3.6	253.56	15.924	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	527.	512.833	709.	284.	18611.606	136.424	290.3	397.75	617.25	700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	12	490.5	491.083	680.	277.	16812.265	129.662	282.7	380.5	587.	664.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	12	6.8	6.892	9.4	4.4	2.901	1.703	4.52	5.2	8.525	9.28
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	10.5	12.5	23.	4.	57.364	7.574	4.	6.	21.	22.4
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	19.	22.25	45.	3.	152.386	12.344	5.7	13.25	33.75	42.6
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.8	6.808	7.5	6.4	0.074	0.271	6.46	6.625	6.9	7.35
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.8	6.745	7.5	6.4	0.078	0.279	6.46	6.625	6.9	7.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.158	0.18	0.398	0.032	0.009	0.093	0.052	0.126	0.238	0.354
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.6	7.483	7.7	6.9	0.074	0.272	6.96	7.25	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.6	7.39	7.7	6.9	0.084	0.289	6.96	7.25	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.025	0.041	0.126	0.02	0.001	0.033	0.02	0.02	0.057	0.112
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	54.5	57.667	108.	39.	347.152	18.632	39.3	46.25	60.75	97.8
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	12	277.5	274.417	360.	180.	3166.083	56.268	184.8	221.25	308.25	355.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	12	64.5	64.833	94.	43.	256.152	16.005	43.3	50.5	76.5	91.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	12	209.5	209.583	276.	136.	2095.538	45.777	138.4	171.	254.5	273.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	10.	15.833	41.	3.	167.424	12.939	3.6	5.5	30.	38.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	3.	3.583	7.	1.	4.083	2.021	1.3	2.	5.	7.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	6.5	12.25	34.	2.	121.841	11.038	2.3	3.5	23.5	31.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	10.5	10.135	17.2	0.47	26.642	5.162	1.229	6.863	14.3	17.14
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.03	0.037	0.09	0.01	0.	0.021	0.013	0.023	0.048	0.081
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.3	0.632	3.66	0.07	0.972	0.986	0.094	0.18	0.653	2.841
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	12.6	12.575	23.	1.6	41.729	6.46	2.35	7.825	17.55	22.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.087	0.2	0.05	0.002	0.043	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	8.9	9.333	15.4	0.5	16.153	4.019	2.21	7.85	12.075	15.31
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	99.	93.	124.	54.	372.	19.287	56.4	82.5	102.	118.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	78.	74.091	104.	37.	636.091	25.221	37.4	44.	96.	103.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	50.	47.364	64.	23.	189.055	13.75	23.6	38.	57.	64.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10	0.39	0.416	0.74	0.15	0.048	0.218	0.153	0.195	0.61	0.73
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	9.15	9.417	13.1	5.6	6.258	2.502	5.72	7.5	11.975	12.86
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	330.	2191.364	8000.	45.	9942500.455	3153.173	56.	100.	3700.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	2.519	2.706	3.903	1.653	0.725	0.851	1.723	2.	3.568	3.903

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Annual Analysis for 1992 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			508.294								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	8	0.015	0.019	0.04	0.005	0.	0.013	**	**	**	**

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Annual Analysis for 1993 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	13	14.1	16.469	27.8	5.	62.551	7.909	5.64	10.8	24.1	27.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	13	505.	510.692	759.	131.	35094.064	187.334	190.6	371.5	667.5	729.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	12	506.5	464.583	667.	131.	27401.356	165.534	173.	331.25	586.5	666.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	13	8.8	8.531	11.2	5.2	3.506	1.872	5.64	6.85	10.1	11.12
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.5	4.417	8.	2.	4.629	2.151	2.	3.	6.	8.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	19.	21.833	48.	7.	162.515	12.748	7.9	13.75	23.5	47.4
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	13	6.8	6.854	7.3	6.3	0.078	0.279	6.38	6.7	7.05	7.26
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	13	6.8	6.767	7.3	6.3	0.086	0.293	6.38	6.7	7.05	7.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	13	0.158	0.171	0.501	0.05	0.015	0.124	0.055	0.09	0.205	0.427
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.4	7.583	8.2	7.2	0.136	0.369	7.2	7.3	8.	8.17
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.4	7.469	8.2	7.2	0.15	0.388	7.2	7.3	8.	8.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.04	0.034	0.063	0.006	0.	0.021	0.007	0.011	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	54.5	55.	102.	14.	635.636	25.212	17.	35.5	68.25	98.1
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	12	309.	306.917	501.	174.	8422.083	91.772	175.2	232.	365.5	462.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	12	87.	79.917	118.	30.	819.72	28.631	32.4	55.5	95.75	118.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	12	231.	227.167	406.	140.	5263.061	72.547	141.2	169.	255.5	367.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	17.	51.	459.	3.	16558.909	128.681	3.9	8.	21.75	328.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	4.	8.75	66.	1.	327.841	18.106	1.3	2.	5.	48.3
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	12	12.5	42.25	393.	2.	12232.75	110.602	2.3	6.	17.	280.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	9.4	8.292	13.3	0.65	17.06	4.13	1.385	4.337	12.05	13.03
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.035	0.043	0.11	0.02	0.001	0.025	0.02	0.03	0.055	0.095
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.61	0.757	1.81	0.06	0.431	0.656	0.078	0.145	1.44	1.777
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	12.25	11.692	22.5	1.9	41.984	6.48	2.47	5.6	15.6	21.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.087	0.4	0.05	0.01	0.1	0.05	0.05	0.088	0.31
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	7.25	9.35	28.9	2.6	52.73	7.262	3.23	5.3	9.875	25.63
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	104.	104.833	156.	42.	982.152	31.339	54.	82.5	125.	153.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	74.	68.75	120.	9.	1436.386	37.9	11.7	30.5	103.5	117.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	47.5	46.667	72.	13.	366.97	19.156	14.5	31.75	61.	70.8
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2 ##	0.305	0.305	0.36	0.25	0.006	0.078	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	100.	562.5	3400.	50.	940511.364	969.8	50.	50.	850.	2710.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	2.	2.264	3.531	1.699	0.433	0.658	1.699	1.699	2.927	3.384
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			183.657								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	12	0.02	0.03	0.15	0.005	0.002	0.039	0.007	0.01	0.03	0.117

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Annual Analysis for 1994 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	17.9	18.156	26.8	4.3	51.183	7.154	4.3	13.35	23.9	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	589.	666.667	1308.	466.	67776.75	260.34	466.	498.5	735.	1308.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	9	549.	619.667	1249.	414.	66088.5	257.077	414.	455.	698.5	1249.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	9	7.3	8.022	12.2	6.6	3.322	1.823	6.6	6.95	8.8	12.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	5.9	5.956	9.	2.6	3.595	1.896	2.6	4.85	7.4	9.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	20.5	21.6	28.	16.	22.933	4.789	16.1	17.	26.5	28.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	7.111	7.5	6.4	0.101	0.318	6.4	7.	7.35	7.5

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

Annual Analysis for 1994 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	6.98	7.5	6.4	0.12	0.347	6.4	7.	7.35	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.079	0.105	0.398	0.032	0.013	0.113	0.032	0.045	0.1	0.398
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	7.5	7.5	8.	6.9	0.157	0.397	6.9	7.2	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	7.5	7.349	8.	6.9	0.183	0.428	6.9	7.2	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.032	0.045	0.126	0.01	0.001	0.038	0.01	0.013	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	68.	66.444	96.	26.	462.778	21.512	26.	51.5	84.5	96.
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	9	309.	349.111	713.	242.	21030.361	145.018	242.	265.	374.5	713.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	9	76.	72.667	102.	43.	430.25	20.742	43.	51.	89.	102.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	9	220.	276.444	646.	196.	20395.528	142.813	196.	201.5	285.5	646.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	15.	16.667	42.	4.	135.75	11.651	4.	8.	21.5	42.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	4.	4.389	9.	1.5	5.611	2.369	1.5	2.5	6.	9.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	9	10.	12.167	33.	1.5	93.	9.644	1.5	5.5	17.	33.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	10.05	10.54	19.6	3.89	36.081	6.007	3.896	4.475	15.53	19.58
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.04	0.05	0.12	0.02	0.001	0.036	0.02	0.028	0.065	0.119
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.45	0.59	1.24	0.09	0.207	0.455	0.091	0.115	1.088	1.227
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	11.15	11.67	20.5	5.	31.809	5.64	5.02	6.175	15.875	20.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.1	0.2	0.05	0.002	0.041	0.05	0.088	0.1	0.19
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	7.55	7.49	10.5	4.8	3.13	1.769	4.88	5.75	8.825	10.37
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	10	89.5	92.1	132.	56.	439.878	20.973	58.	76.75	106.5	129.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	102.	129.	421.	53.	12522.5	111.904	53.	75.	120.	421.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	9	42.	44.667	65.	25.	169.25	13.01	25.	34.5	56.5	65.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	200.	375.	1100.	50.	173472.222	416.5	50.	50.	725.	1100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	2.301	2.304	3.041	1.699	0.281	0.531	1.699	1.699	2.844	3.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			201.235								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.01	0.019	0.06	0.005	0.	0.017	0.005	0.009	0.03	0.057

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

Annual Analysis for 1995 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	18.	17.436	26.4	9.	44.319	6.657	9.	11.3	24.	26.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	611.	611.455	1047.	243.	37691.073	194.142	281.8	560.	672.	979.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	11	634.	616.091	1001.	238.	35703.091	188.953	278.	553.	689.	952.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	11	7.7	7.2	10.6	4.8	3.968	1.992	4.84	5.3	8.2	10.48
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	4.55	5.01	11.	1.	8.665	2.944	1.2	3.	7.55	10.67
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	22.	23.273	34.	17.	27.618	5.255	17.2	19.	28.	33.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.1	7.082	7.7	6.3	0.126	0.354	6.4	6.9	7.2	7.64
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.1	6.93	7.7	6.3	0.151	0.389	6.4	6.9	7.2	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.079	0.118	0.501	0.02	0.018	0.133	0.024	0.063	0.126	0.433
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.	7.082	7.9	6.6	0.124	0.352	6.62	6.9	7.3	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.	6.978	7.9	6.6	0.136	0.368	6.62	6.9	7.3	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.1	0.105	0.251	0.013	0.005	0.069	0.02	0.05	0.126	0.241
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	75.	77.364	104.	59.	220.655	14.854	59.4	63.	88.	103.
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	11	323.	327.727	501.	198.	6617.418	81.348	202.4	306.	346.	482.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	11	74.	72.182	100.	43.	330.764	18.187	44.8	56.	80.	100.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	11	252.	255.545	421.	155.	4888.273	69.916	157.6	237.	268.	398.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	13.	15.455	53.	5.	187.073	13.677	5.	6.	18.	46.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	3.	3.591	7.	1.5	3.791	1.947	1.5	1.5	4.	7.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	11	10.	11.818	46.	3.	147.364	12.139	3.	4.	14.	39.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	12.82	11.326	18.	0.05	39.68	6.299	0.166	7.4	16.75	17.88
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.02	0.038	0.09	0.02	0.001	0.024	0.02	0.02	0.06	0.084
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.34	0.404	1.05	0.11	0.073	0.27	0.112	0.23	0.53	0.972
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	15.	14.109	24.7	1.2	44.315	6.657	1.92	10.	17.9	23.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.095	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.18
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	9.1	8.618	10.9	5.5	3.436	1.854	5.62	6.7	10.1	10.84
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	108.	106.182	146.	72.	357.564	18.909	75.	91.	116.	140.

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

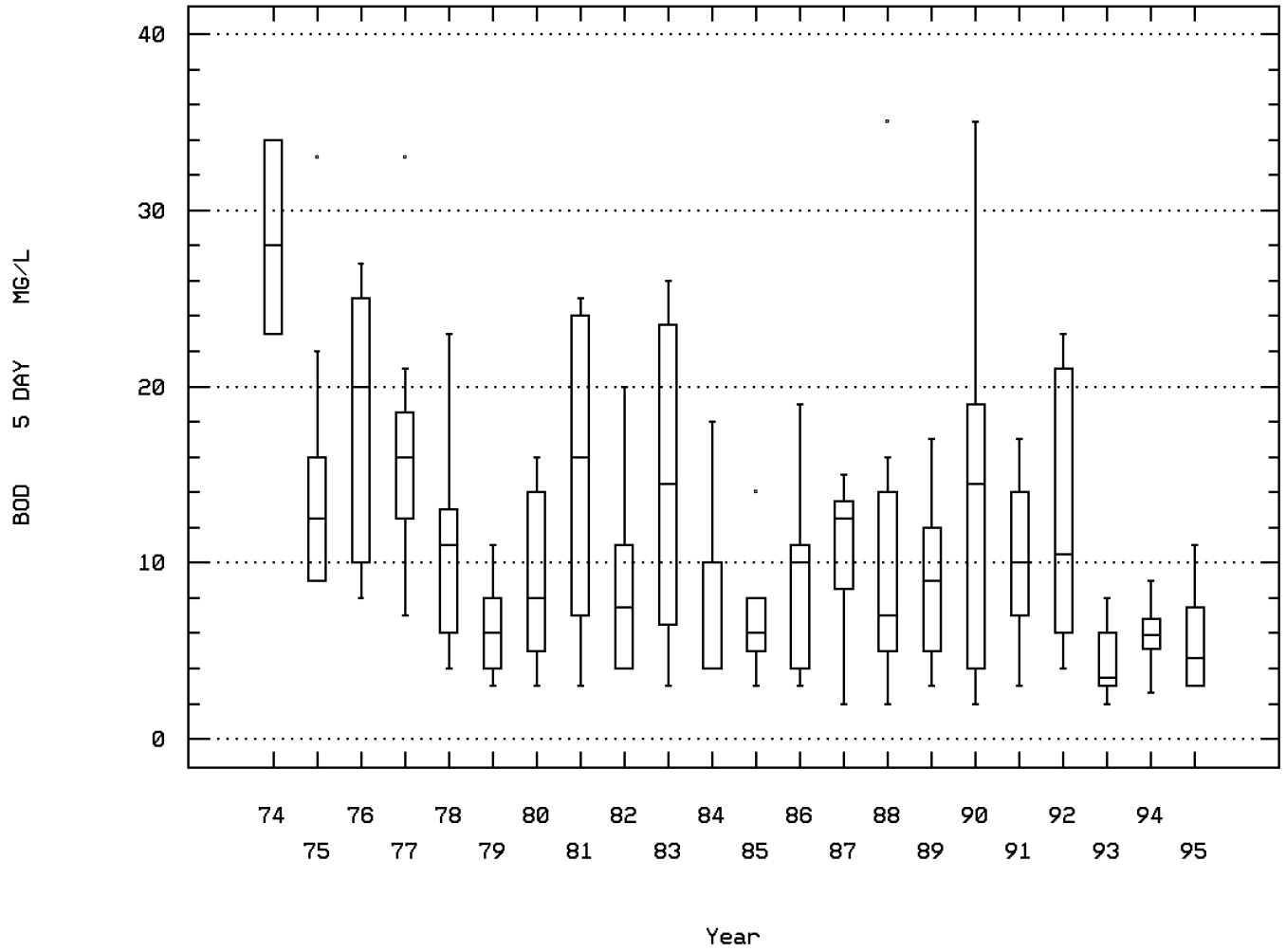
Annual Analysis for 1995 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	99.	98.182	222.	13.	2403.964	49.03	23.6	86.	102.	199.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	53.	47.455	65.	27.	157.073	12.533	27.8	35.	54.	64.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	400.	445.	800.	50.	49138.889	221.673	65.	350.	625.	790.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	2.602	2.563	2.903	1.699	0.12	0.347	1.759	2.527	2.795	2.897
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			365.894								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	11	0.02	0.034	0.11	0.01	0.001	0.028	0.012	0.02	0.04	0.098

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

Station: GWMP0097 Parameter Code: 00310

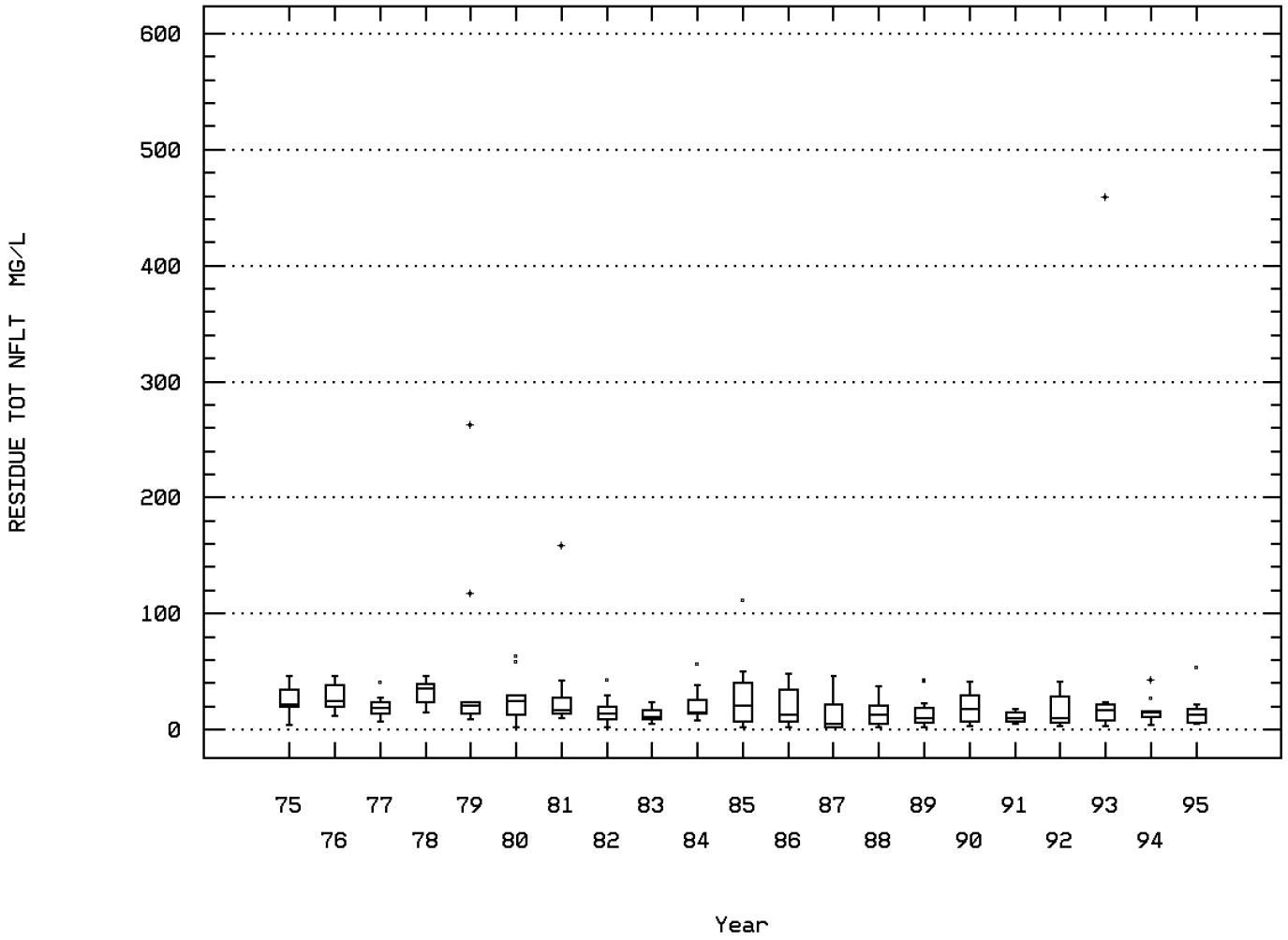
BOD, 5 DAY, 20 DEG C



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00530

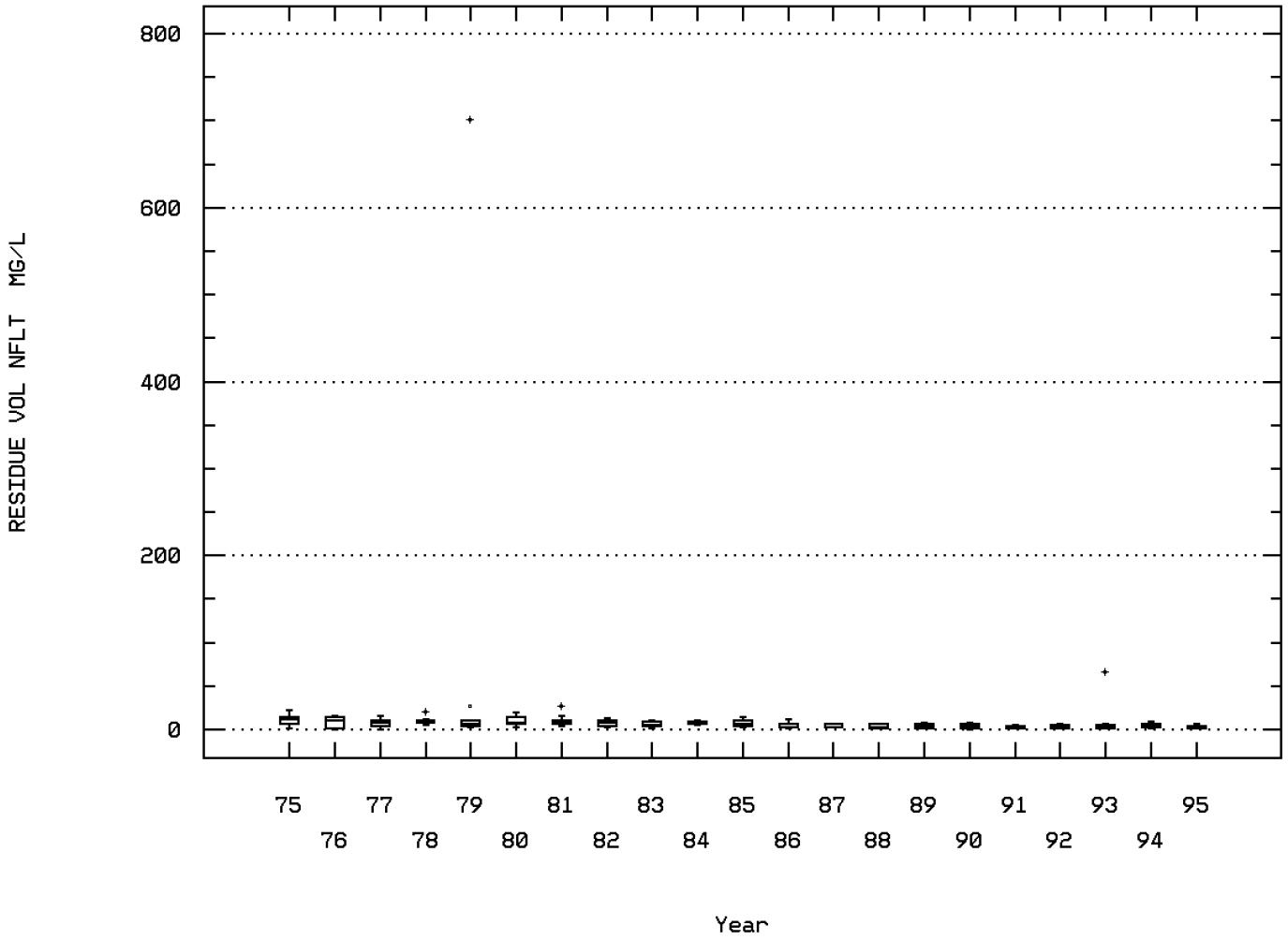
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00535

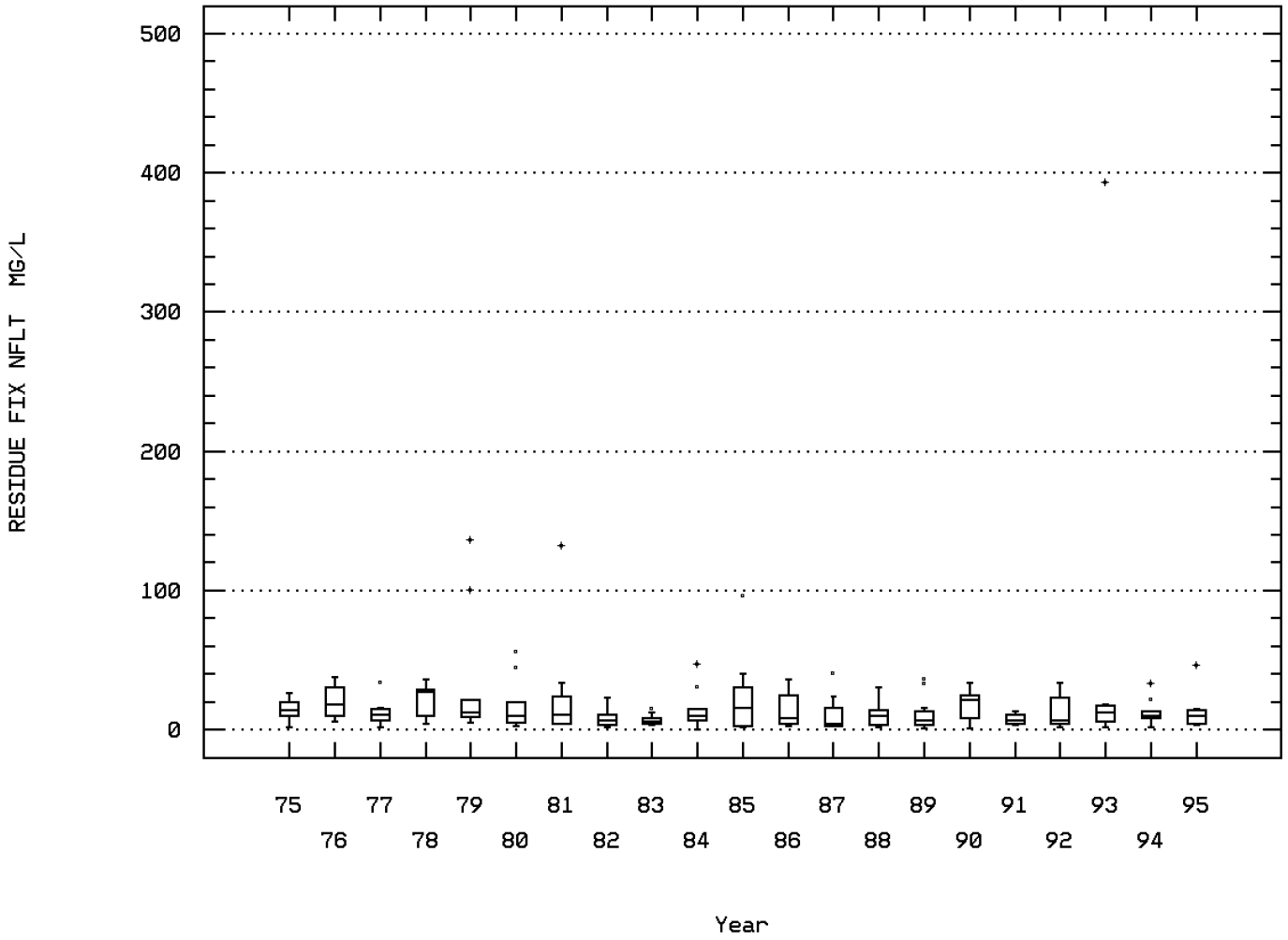
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00540

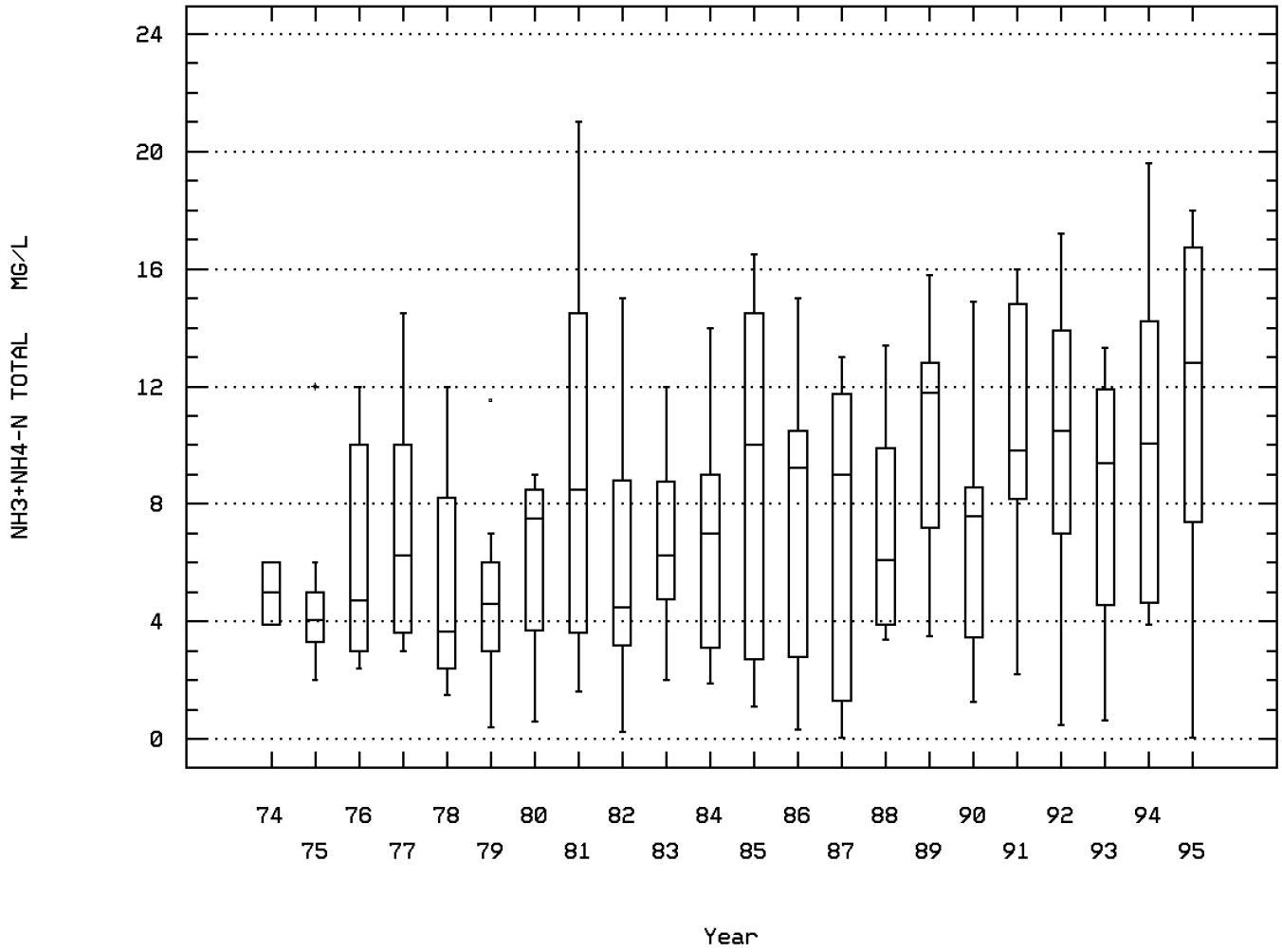
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00610

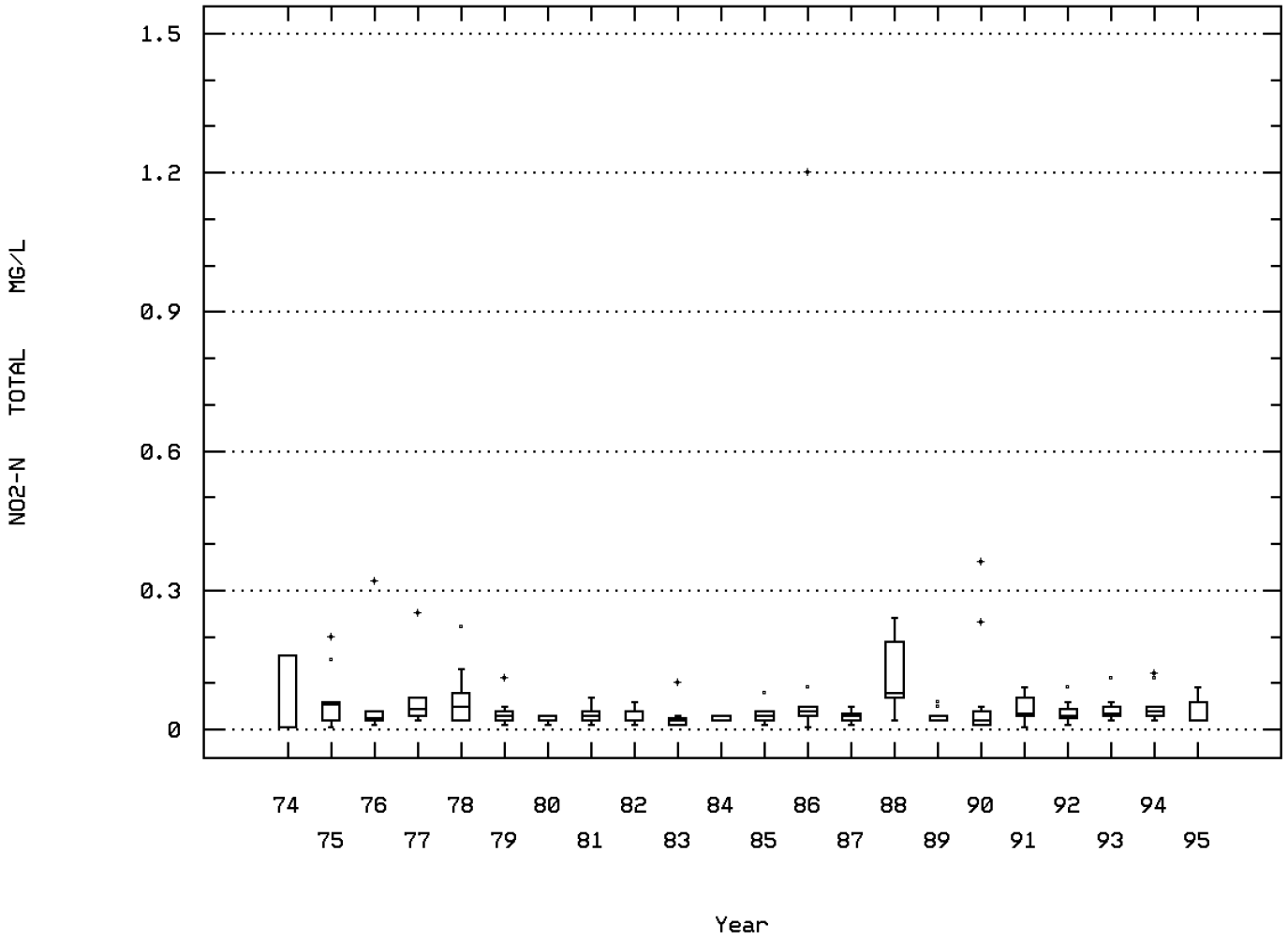
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00615

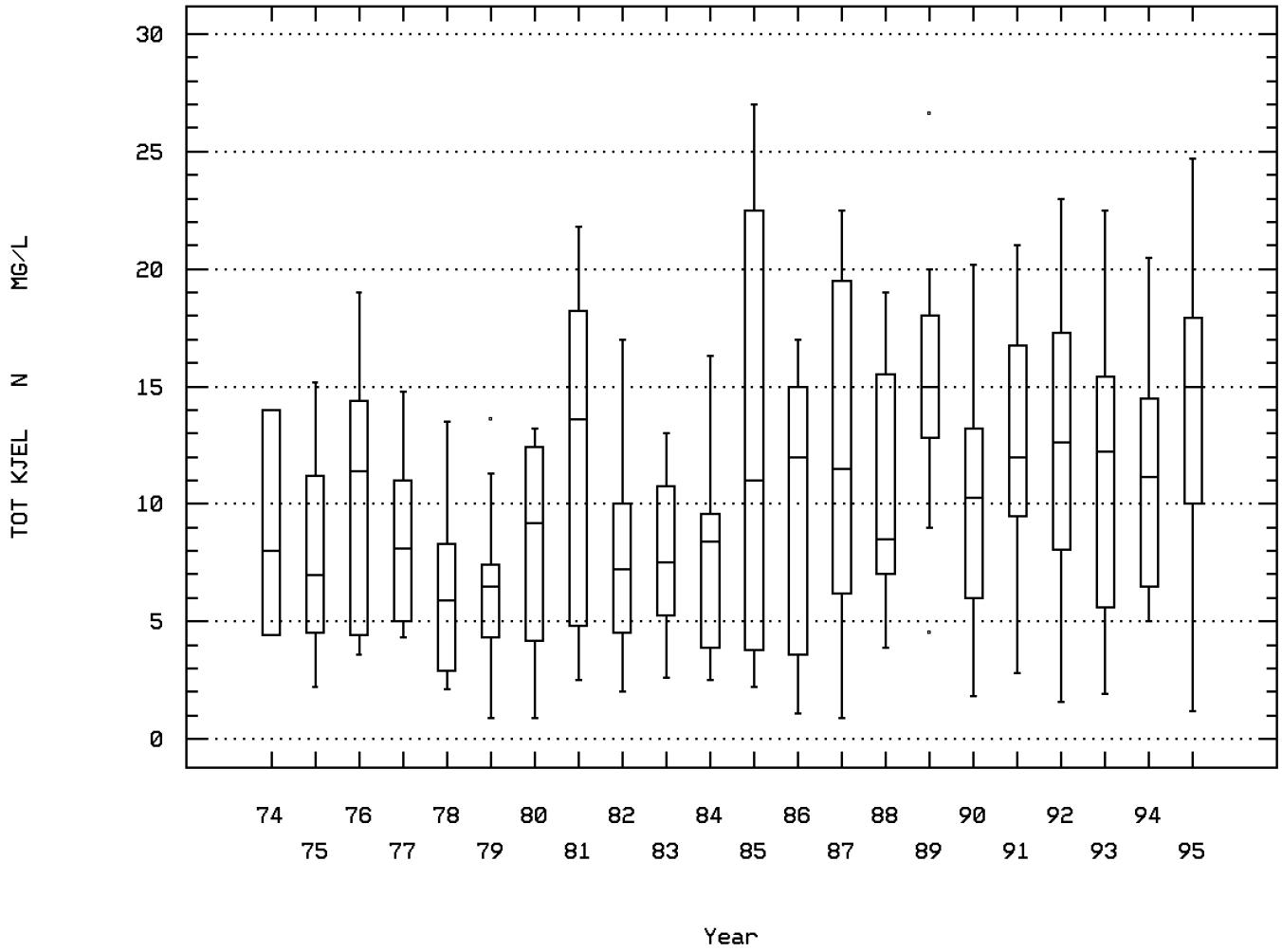
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00625

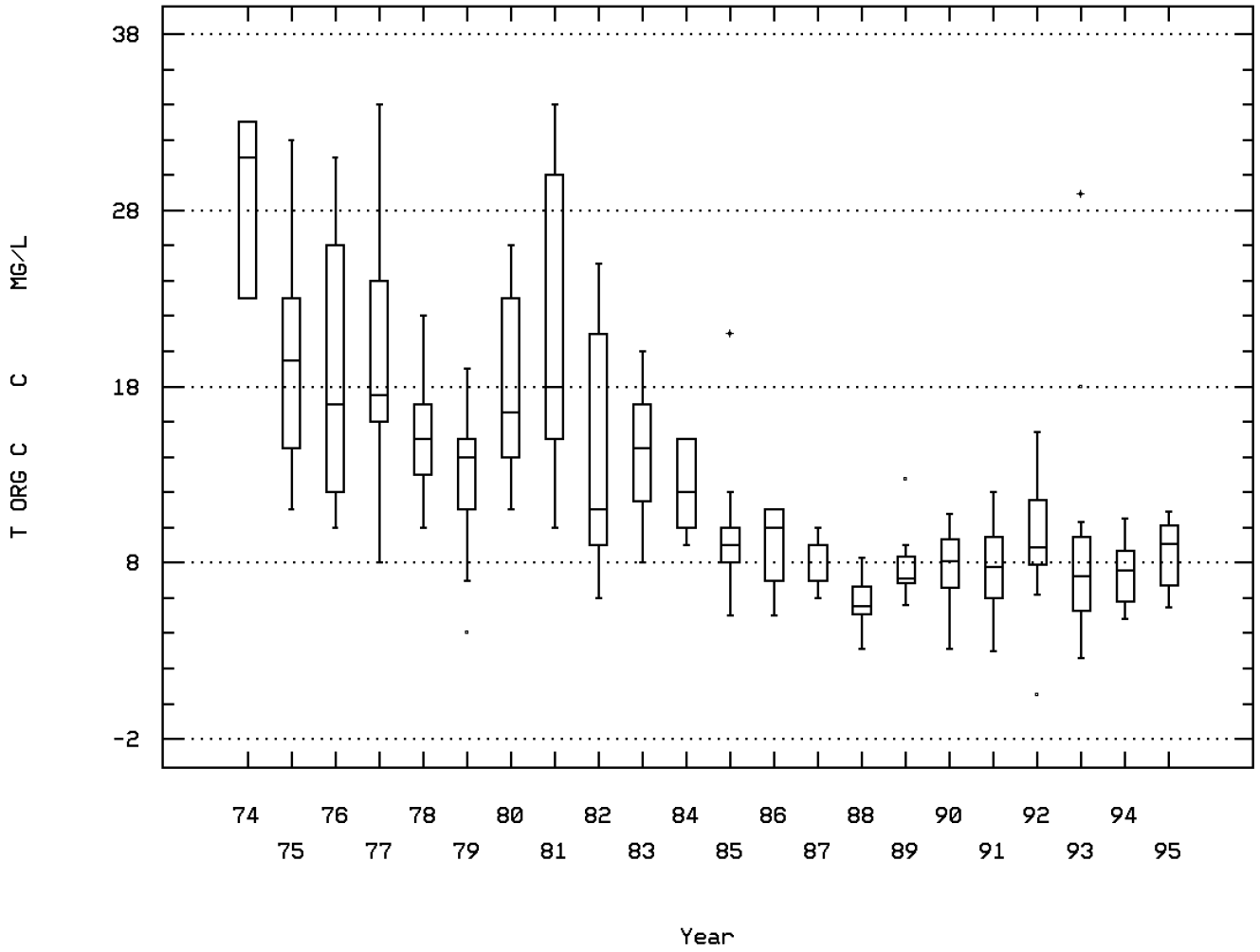
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	79	24.	22.742	31.5	1.6	31.957	5.653	15.6	20.8	26.2	28.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	36	8.45	12.203	60.	2.3	144.73	12.03	3.41	5.075	16.	19.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	53	524.	492.887	759.	81.	27688.448	166.398	217.8	384.	618.	696.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	24	599.5	564.125	758.	296.	19546.462	139.809	343.5	452.25	676.75	729.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	62	6.25	6.089	11.4	1.3	3.643	1.909	3.2	5.1	7.4	8.14
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	78	9.	11.131	35.	1.	50.931	7.137	3.	5.775	15.25	21.1
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	62	27.	27.339	93.	3.	163.933	12.804	14.	20.	33.	40.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	77	7.	6.985	8.	5.5	0.231	0.481	6.3	6.7	7.3	7.5
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	77	7.	6.656	8.	5.5	0.34	0.583	6.3	6.7	7.3	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	77	0.1	0.221	3.162	0.01	0.195	0.442	0.032	0.05	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	53	7.1	7.126	7.9	6.3	0.145	0.38	6.6	6.9	7.4	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	53	7.1	6.974	7.9	6.3	0.168	0.41	6.6	6.9	7.4	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	53	0.079	0.106	0.501	0.013	0.009	0.095	0.02	0.04	0.126	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	53	58.	59.66	108.	17.	376.075	19.393	37.8	45.5	72.5	88.
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	33	316.	315.061	418.	196.	4487.809	66.991	210.2	248.	372.	404.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	33	78.	90.939	500.	38.	6095.246	78.072	43.	54.5	100.	122.8
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	33	239.	237.909	366.	144.	2759.648	52.532	165.4	198.5	272.	303.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	77	18.	26.026	262.	1.	1366.46	36.966	4.8	9.	28.	42.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	77	5.	15.812	700.	0.5	6266.658	79.162	2.	3.	9.	15.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	77	10.	17.935	136.	1.	643.996	25.377	2.5	4.5	19.	33.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	79	8.5	8.056	19.6	0.05	24.559	4.956	1.6	3.5	12.	15.5
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	79	0.04	0.082	1.2	0.005	0.021	0.146	0.02	0.03	0.08	0.2
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	69	0.26	0.434	3.66	0.025	0.388	0.623	0.05	0.12	0.415	0.96
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	78	11.8	11.23	26.6	0.9	39.818	6.31	3.55	5.225	15.268	20.82
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	62	0.1	0.127	0.9	0.03	0.017	0.129	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	46	0.03	0.091	0.9	0.01	0.026	0.161	0.017	0.02	0.103	0.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	80	10.3	12.52	33.	0.5	45.242	6.726	5.91	7.85	15.	23.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	37	116.	112.189	148.	62.	512.38	22.636	75.2	98.5	128.	142.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	51	83.	85.255	152.	29.	1040.154	32.251	37.2	59.	110.	124.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	27	56.	51.667	72.	25.	167.	12.923	33.2	41.	61.	66.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	31	9.	8.784	12.8	4.4	5.3	2.302	5.3	7.5	10.6	11.84
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	65	100.	2972.985	110000.	1.5	193382462.469	13906.202	43.	50.	815.	3580.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	65	2.	2.299	5.041	0.176	0.977	0.988	1.633	1.699	2.907	3.554
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			198.95								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/21/81-09/13/94	28	12.715	21.151	117.64	0.18	649.118	25.478	3.219	5.58	25.333	62.406
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	27	8.68	12.956	48.26	0.3	168.594	12.984	1.36	3.36	17.09	39.94
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	27	3.52	7.581	45.96	0.2	90.924	9.535	1.568	2.48	11.31	20.054
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/21/81-09/13/94	27	1.39	1.375	1.71	0.93	0.035	0.186	1.058	1.3	1.49	1.602
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	27	0.1	0.231	0.75	0.	0.071	0.266	0.	0.	0.5	0.7
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	32	0.075	0.642	3.	0.005	0.905	0.951	0.01	0.013	1.049	2.299

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	89	9.5	9.366	18.5	0.5	14.352	3.788	4.1	7.	11.95	14.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	40	11.1	14.608	54.	2.6	146.522	12.105	4.01	7.825	18.2	35.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	61	517.	522.623	1333.	131.	50584.105	224.909	277.6	371.5	584.	722.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	27	547.	565.481	1501.	131.	86848.413	294.701	264.4	377.	629.	1050.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	68	10.25	9.994	13.8	3.9	2.964	1.722	7.5	8.925	11.2	11.91
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	87	8.	11.075	35.	1.	63.234	7.952	3.	5.	15.	25.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	70	29.	30.929	84.	7.	205.951	14.351	15.1	19.75	37.25	49.8
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	85	6.9	6.871	7.9	5.7	0.183	0.428	6.3	6.55	7.2	7.4
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	85	6.9	6.651	7.9	5.7	0.232	0.482	6.3	6.55	7.2	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	85	0.126	0.223	1.995	0.013	0.081	0.285	0.04	0.063	0.284	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	54	7.1	7.094	8.2	6.	0.239	0.489	6.5	6.775	7.525	7.7

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	54	7.1	6.842	8.2	6.	0.304	0.552	6.5	6.775	7.525	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	54	0.079	0.144	1.	0.006	0.031	0.176	0.02	0.03	0.169	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	54	53.5	53.204	113.	12.	438.694	20.945	28.	38.5	66.5	79.5
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	36	287.5	311.75	783.	163.	17764.993	133.285	182.2	236.75	321.75	501.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	36	66.5	63.611	119.	13.	432.873	20.806	35.6	50.75	77.5	87.3
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	36	221.	247.944	712.	133.	15498.911	124.495	142.8	184.75	258.5	410.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	86	14.	21.471	459.	1.	2426.39	49.258	3.	8.	24.	38.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	86	4.	6.355	66.	0.	62.646	7.915	2.	2.	8.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	86	7.	15.273	393.	0.	1799.992	42.426	2.	3.75	14.25	30.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	88	7.475	7.888	21.	0.63	22.754	4.77	2.09	3.893	11.475	14.91
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	88	0.02	0.03	0.19	0.005	0.001	0.024	0.01	0.02	0.038	0.06
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	77	0.58	0.642	1.9	0.02	0.196	0.442	0.15	0.3	0.875	1.316
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	88	9.45	9.822	23.	1.2	28.705	5.358	2.8	5.15	13.8	17.84
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	69	0.1	0.173	1.2	0.05	0.043	0.208	0.05	0.075	0.2	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	54	0.05	0.123	1.2	0.005	0.039	0.198	0.01	0.02	0.173	0.325
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	85	11.	13.531	34.	2.6	57.694	7.596	5.78	8.2	16.5	26.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	40	95.	95.875	156.	42.	523.138	22.872	68.6	82.	105.5	134.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	53	83.	96.925	429.	9.	7096.187	84.239	31.4	57.	103.	129.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	33	48.	45.848	71.	13.	205.32	14.329	25.8	37.	54.5	65.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	30	10.1	10.003	21.	3.7	10.422	3.228	5.74	8.075	12.025	12.69
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	77 ##	50.	697.383	24000.	1.5	8398900.414	2898.086	13.8	50.	170.	964.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	77 ##	1.699	1.891	4.38	0.176	0.622	0.789	1.132	1.699	2.224	2.983
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			77.85								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	30	0.3	0.417	2.	0.	0.179	0.424	0.	0.1	0.525	1.07
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	33	0.11	0.329	2.099	0.	0.256	0.506	0.005	0.03	0.355	1.219

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	60	19.6	19.478	28.7	3.	26.496	5.147	12.46	16.	23.1	25.92
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	29	12.2	18.931	114.	1.5	542.055	23.282	3.	7.45	17.25	55.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	42	445.	431.643	672.	164.	16597.894	128.833	240.1	349.75	510.25	617.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/89-11/07/95	19	486.	470.947	689.	47.	20832.164	144.334	277.	420.	580.	609.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	48	7.65	7.671	13.2	1.	5.95	2.439	3.78	6.325	9.675	10.72
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	61	7.5	9.574	26.	1.	41.064	6.408	3.	4.3	13.	20.8
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	50	22.	24.9	68.	11.	124.745	11.169	13.1	18.	29.5	40.9
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	55	6.9	6.939	9.	6.1	0.245	0.495	6.3	6.7	7.1	7.44
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	55	6.9	6.735	9.	6.1	0.287	0.536	6.3	6.7	7.1	7.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	55	0.126	0.184	0.794	0.001	0.034	0.185	0.037	0.079	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	42	7.1	7.145	8.1	6.4	0.209	0.457	6.6	6.8	7.4	7.91
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	42	7.1	6.947	8.1	6.4	0.249	0.499	6.6	6.8	7.4	7.91
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	42	0.079	0.113	0.398	0.008	0.011	0.103	0.013	0.04	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	42	50.	51.738	104.	22.	386.491	19.659	24.	36.5	64.5	79.8
00500	RESIDUE, TOTAL (MG/L)	03/06/75-11/07/95	26	278.	271.769	382.	180.	1968.585	44.369	220.7	235.75	304.5	320.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/75-11/07/95	26	74.	70.615	121.	35.	446.326	21.126	41.3	51.25	86.75	93.9
00510	RESIDUE, TOTAL FIXED (MG/L)	03/06/75-11/07/95	26	206.	201.231	268.	136.	1150.105	33.913	146.6	176.	222.5	244.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/75-11/07/95	62	18.5	20.742	63.	3.	196.818	14.029	6.	9.75	27.	42.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/75-11/07/95	62	5.5	5.871	14.	0.	10.532	3.245	1.5	4.	8.	10.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/06/75-11/07/95	62	11.	14.863	56.	0.5	147.1	12.128	3.	6.	21.75	34.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	60	6.75	6.874	18.	0.25	16.817	4.101	1.91	3.465	9.	13.072
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	61	0.03	0.036	0.15	0.005	0.001	0.027	0.02	0.02	0.04	0.076
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	54	0.335	0.409	1.37	0.025	0.088	0.296	0.11	0.195	0.548	0.83
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	61	9.	9.775	27.	0.9	35.222	5.935	2.66	4.749	14.55	17.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	48	0.1	0.132	0.5	0.03	0.012	0.111	0.05	0.05	0.123	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	37	0.04	0.081	0.41	0.01	0.009	0.095	0.018	0.02	0.095	0.252

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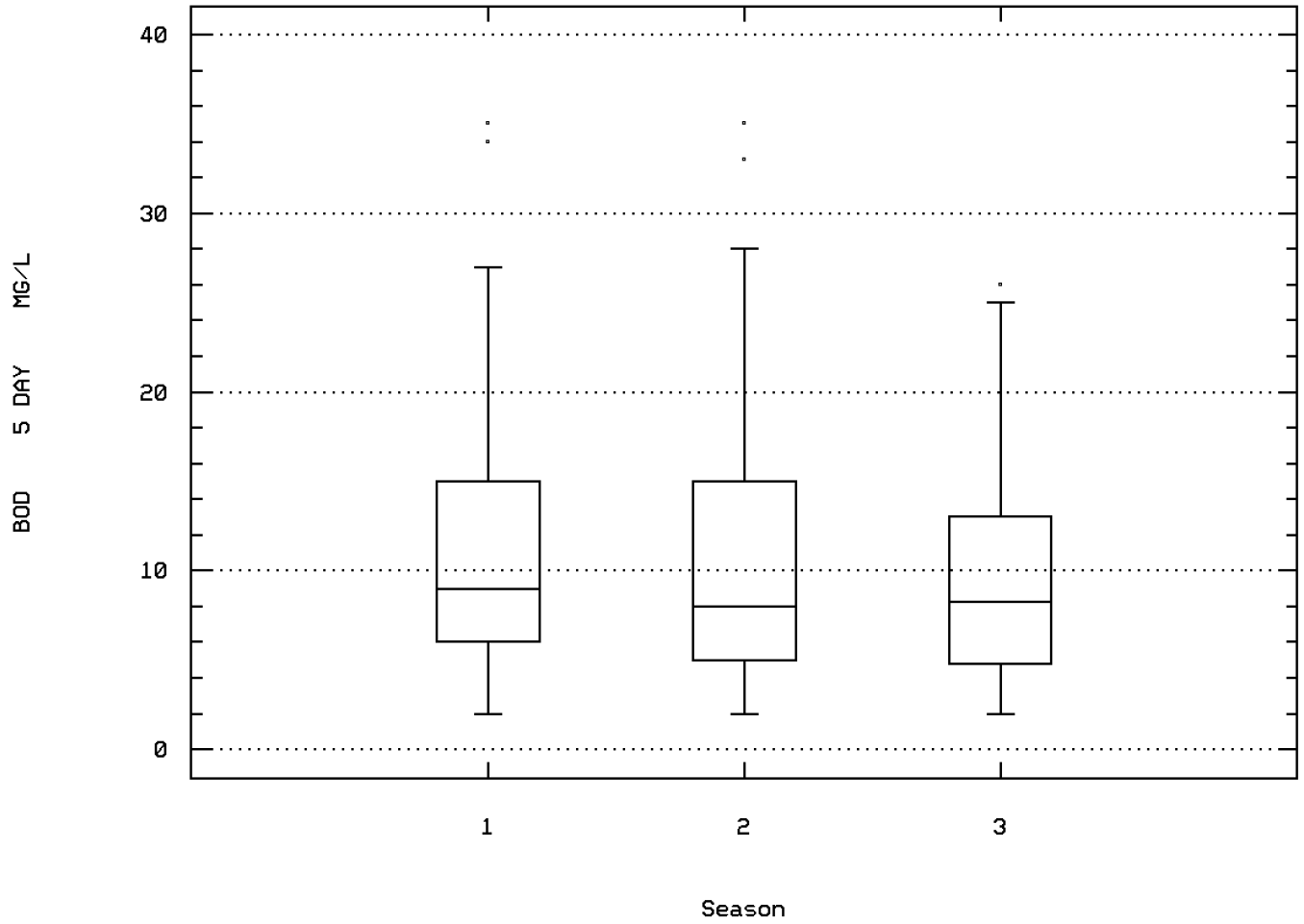
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	62	10.	11.034	31.	3.	28.243	5.314	5.73	7.075	14.25	19.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	24	91.	90.417	132.	54.	312.428	17.676	67.	77.25	101.5	113.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	41	72.	72.878	128.	6.	900.11	30.002	23.6	54.	97.5	109.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	21	40.	40.286	53.	23.	68.514	8.277	26.2	35.5	47.5	50.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	26	9.45	9.342	14.	1.6	8.091	2.845	5.48	8.025	10.95	13.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	50	75.	855.81	11000.	1.5	4989397.04	2233.696	9.	50.	307.5	3370.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	50	1.849	2.03	4.041	0.176	0.797	0.893	0.954	1.699	2.487	3.524
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.067								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/21/81-09/13/94	19	10.84	20.865	176.23	1.58	1550.945	39.382	2.04	6.63	15.08	56.31
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	19	5.18	12.234	112.81	0.69	635.904	25.217	1.37	3.03	8.61	29.44
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/21/81-09/13/94	19	6.91	16.428	131.1	0.96	906.491	30.108	1.2	2.07	13.46	42.75
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/21/81-09/13/94	19	1.29	1.332	2.8	0.98	0.15	0.388	1.04	1.1	1.39	1.5
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	21	0.2	1.31	20.	0.	18.518	4.303	0.	0.	0.9	1.2
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	24	0.1	0.341	2.899	0.005	0.455	0.675	0.01	0.02	0.285	1.4

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Station: GWMP0097 Parameter Code: 00310

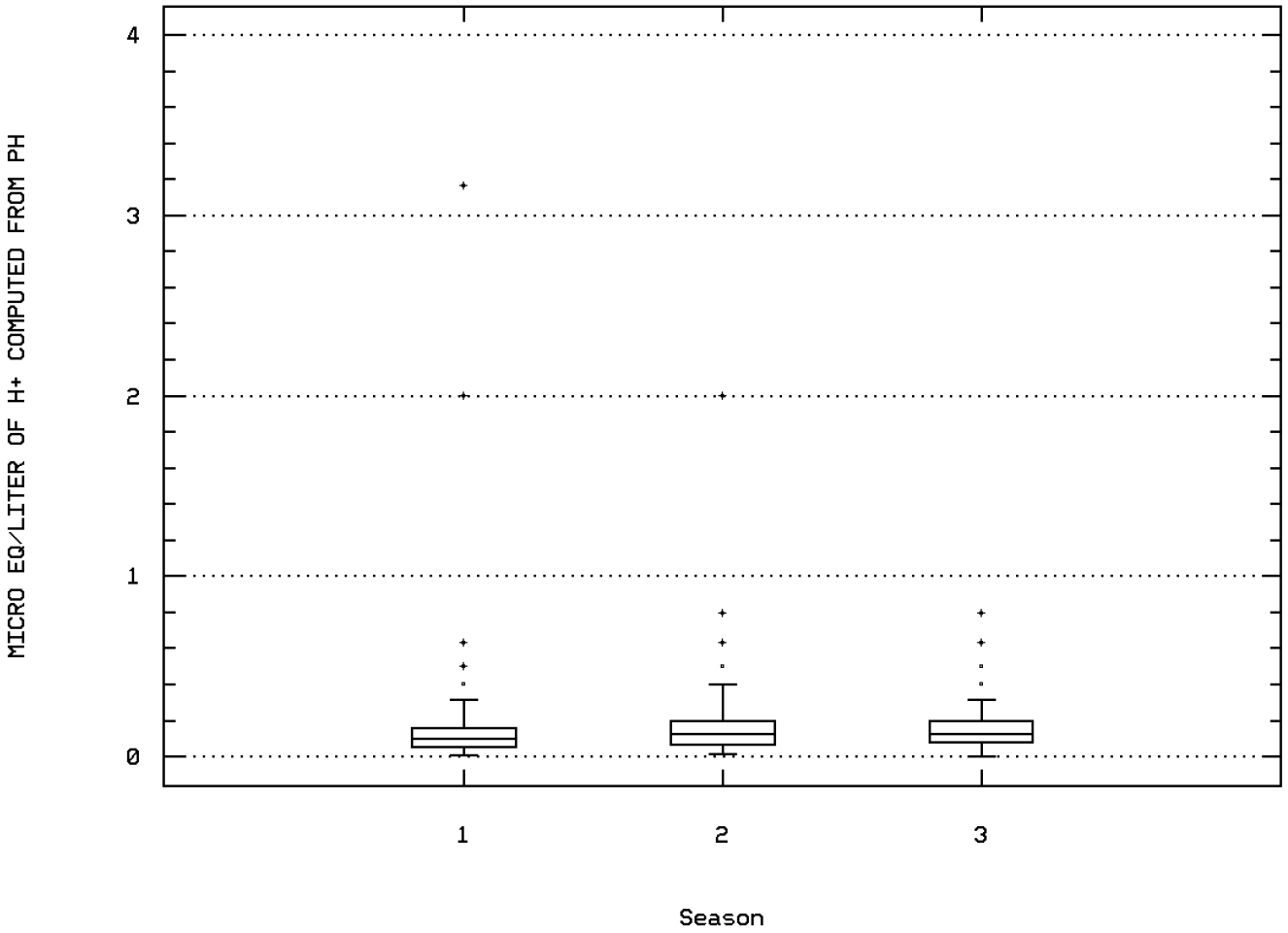
BOD, 5 DAY, 20 DEG C



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00400

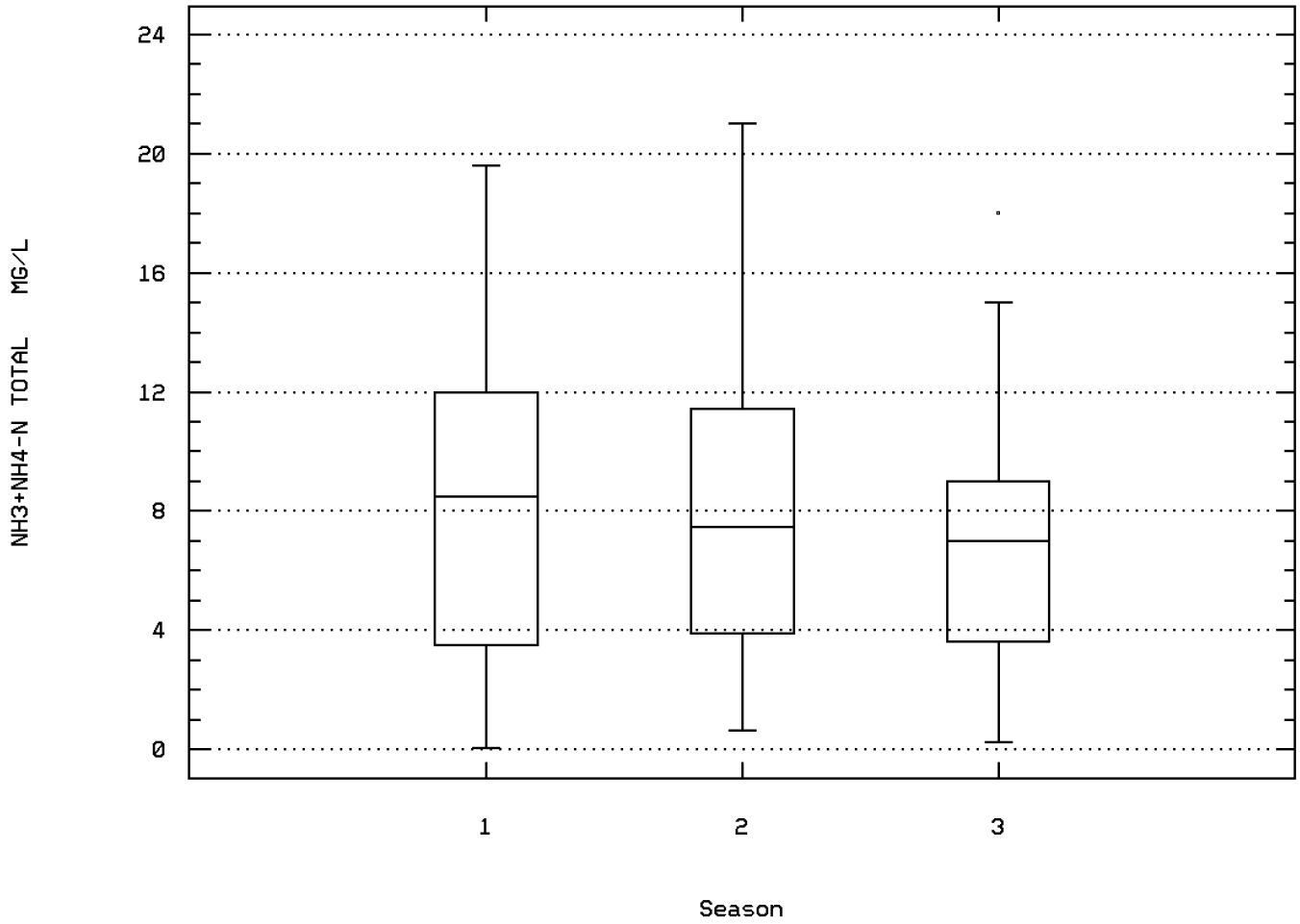
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00610

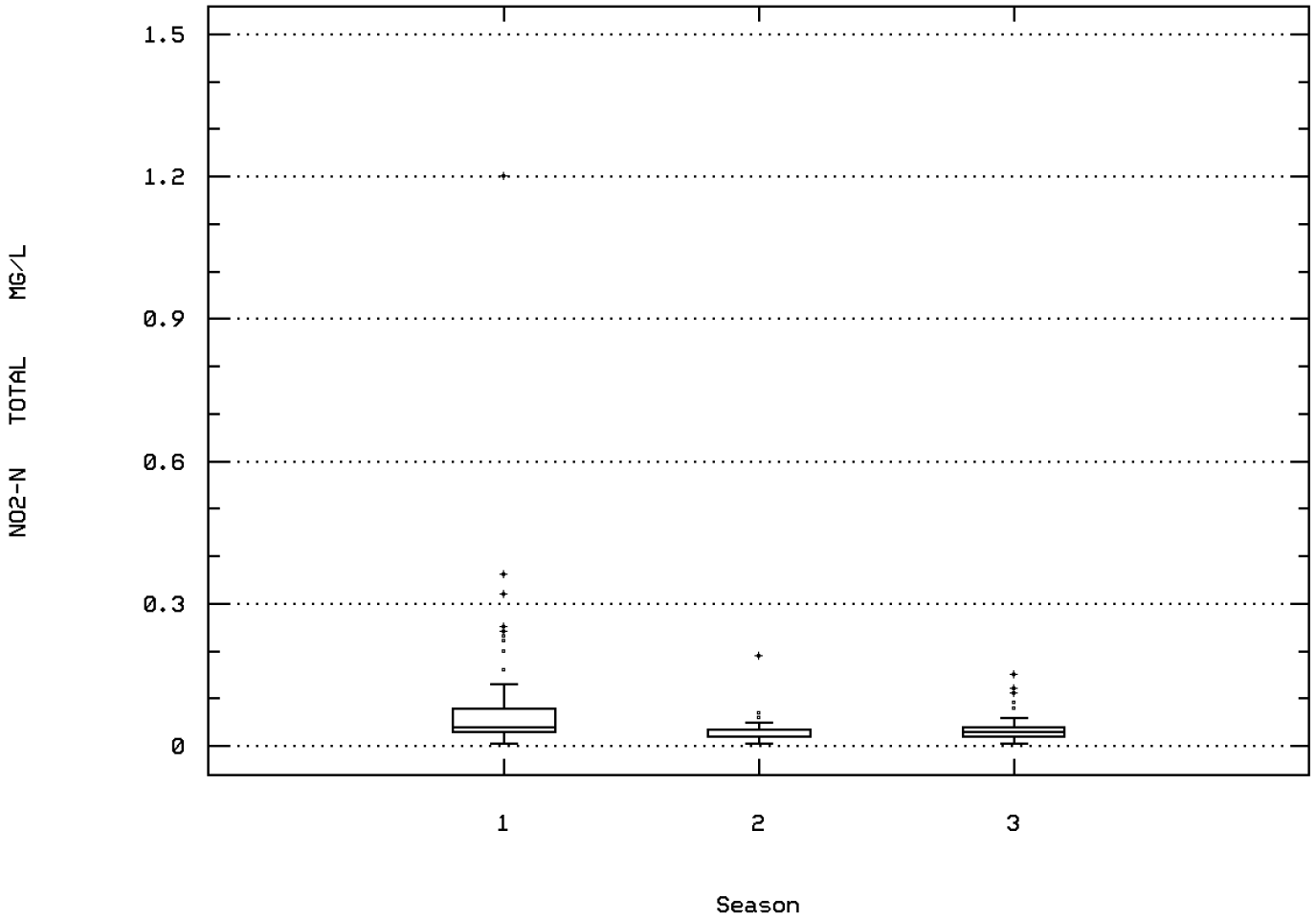
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00615

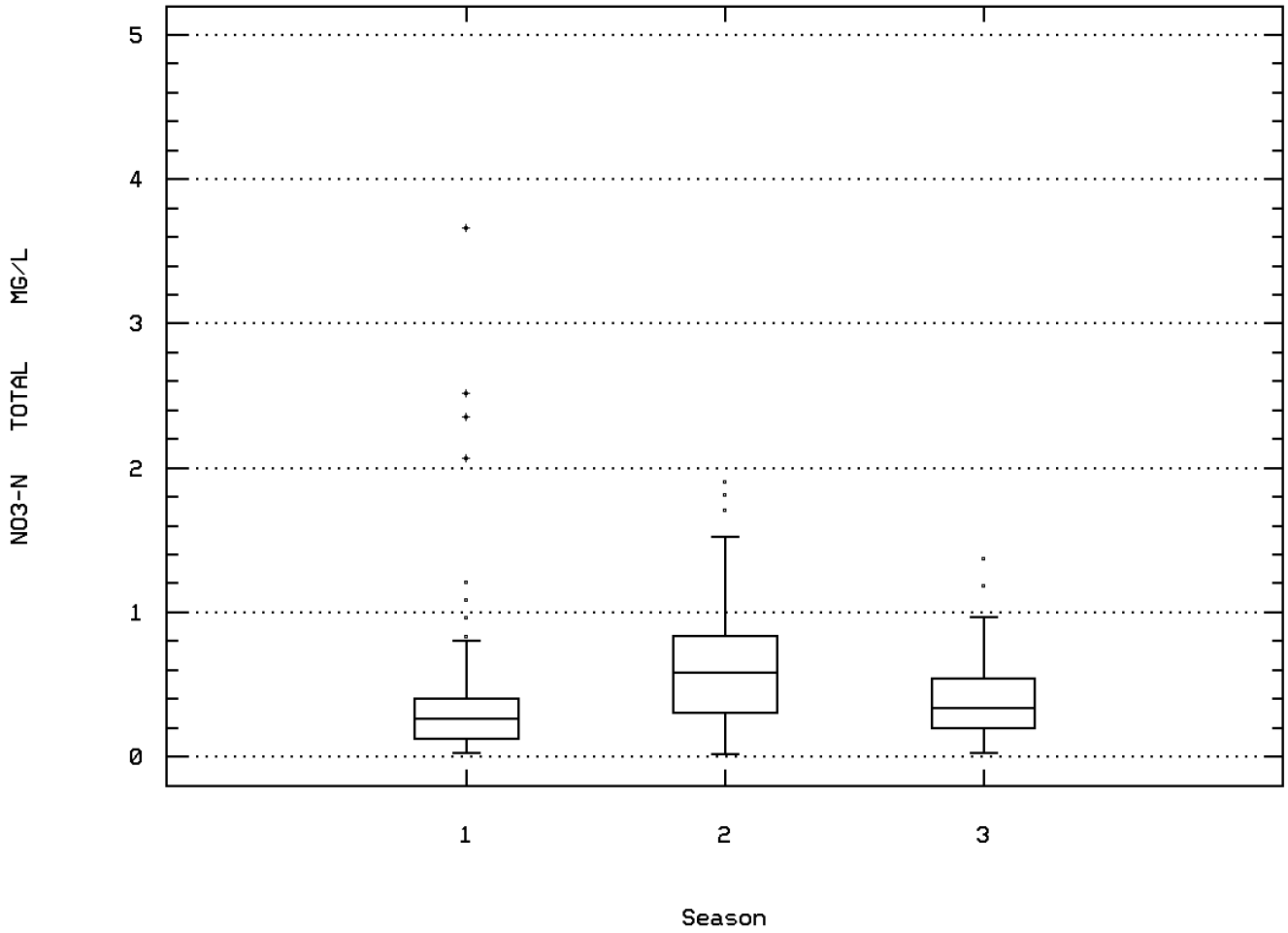
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00620

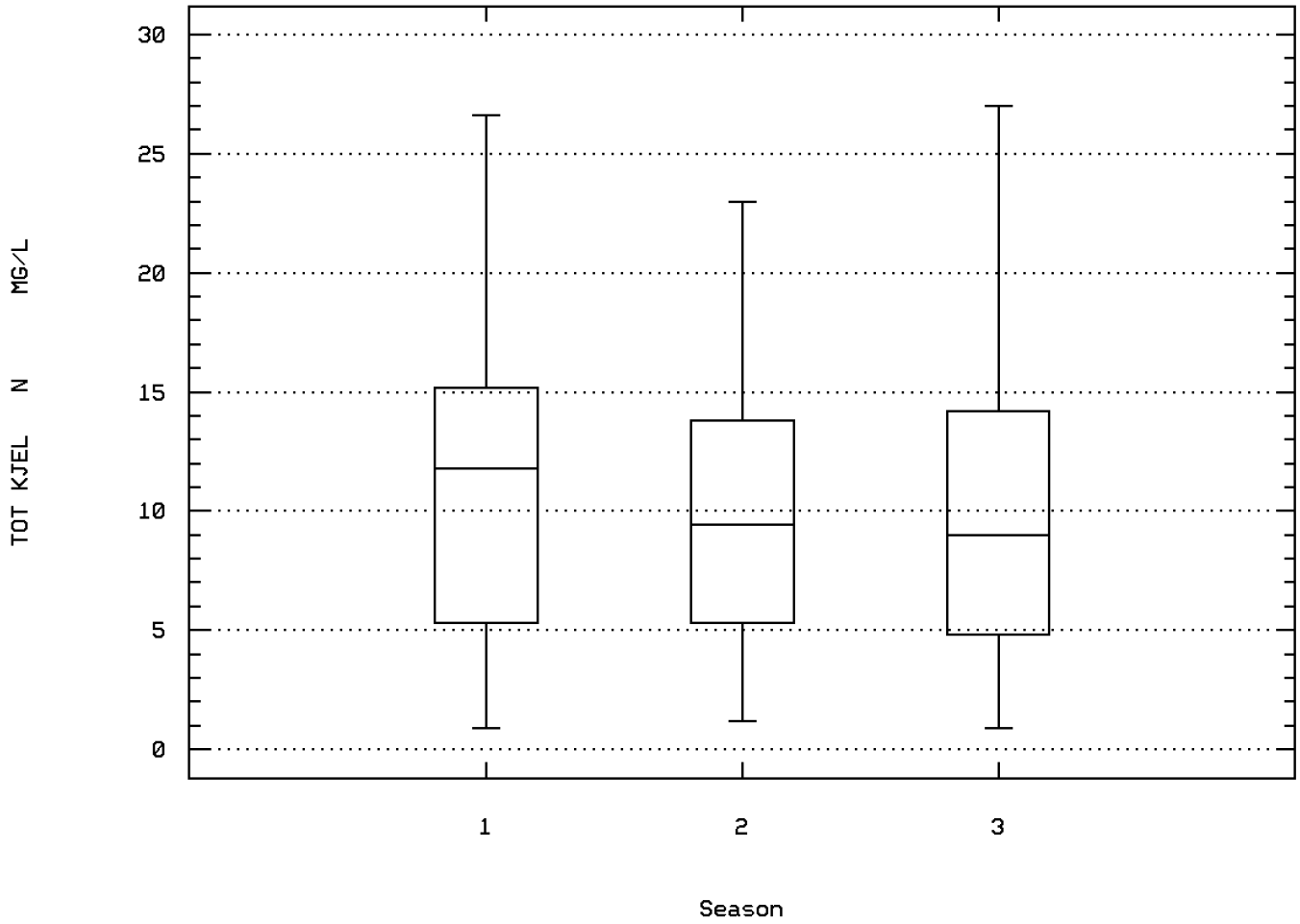
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00625

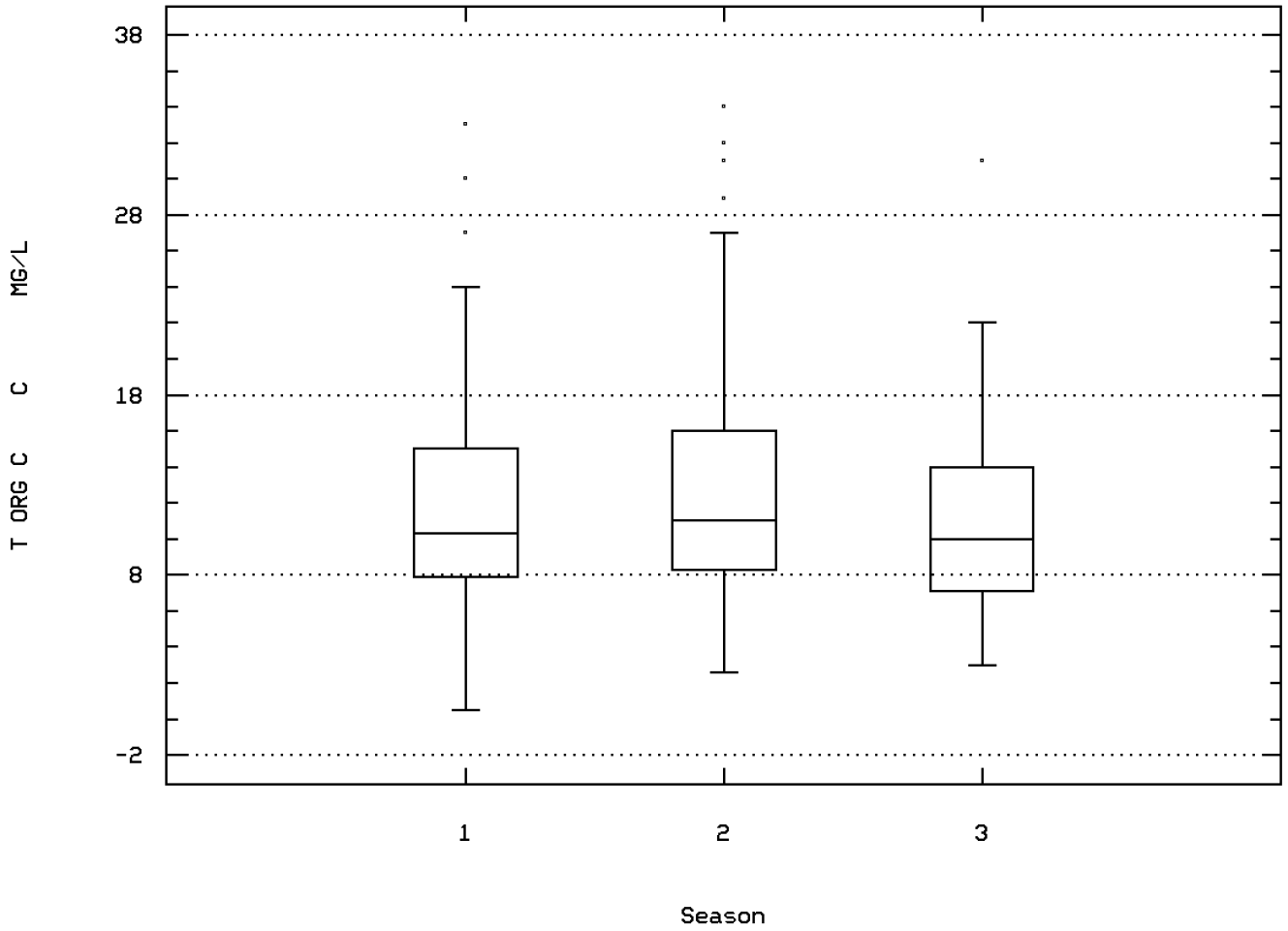
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 00680

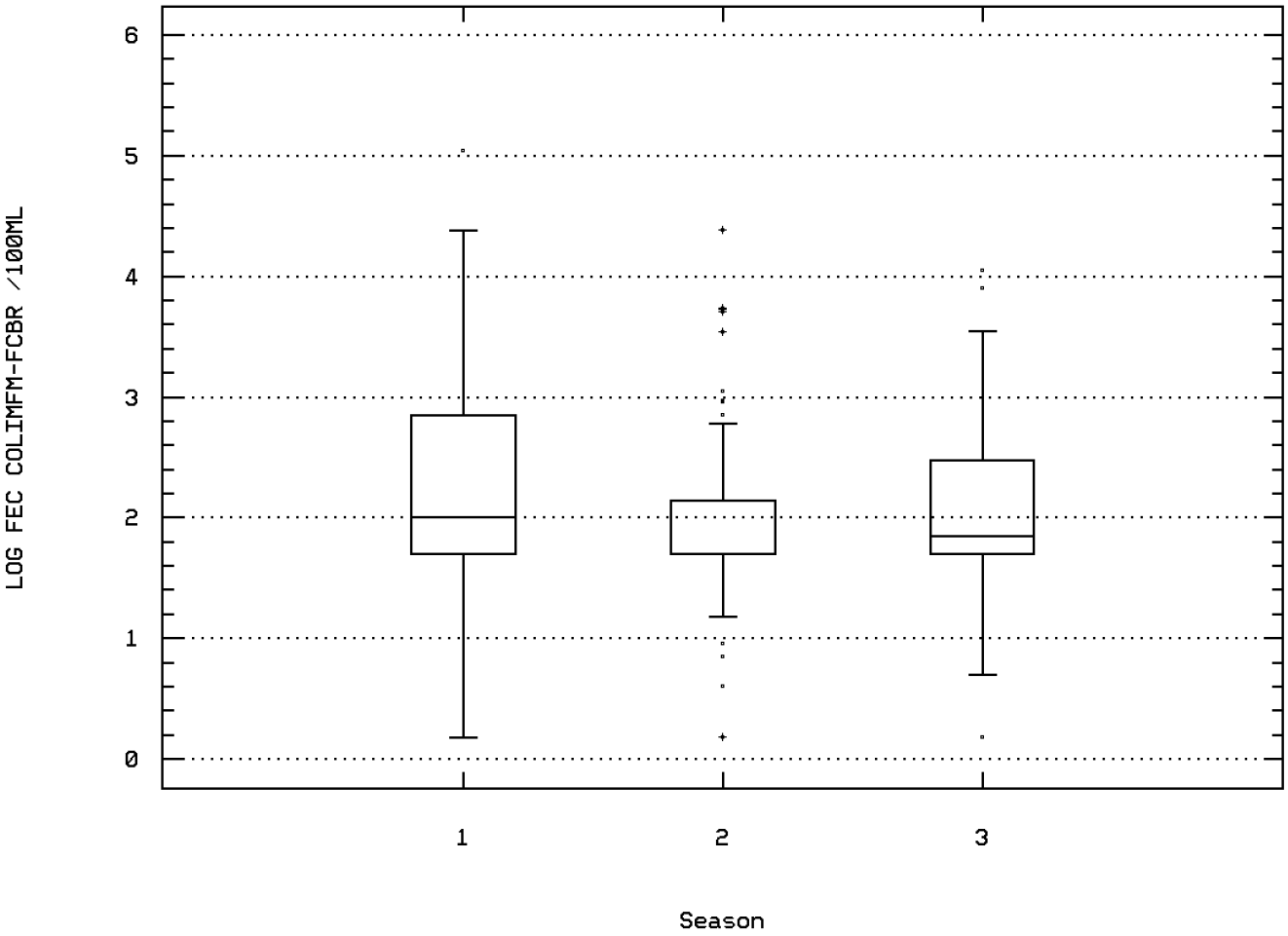
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 31616

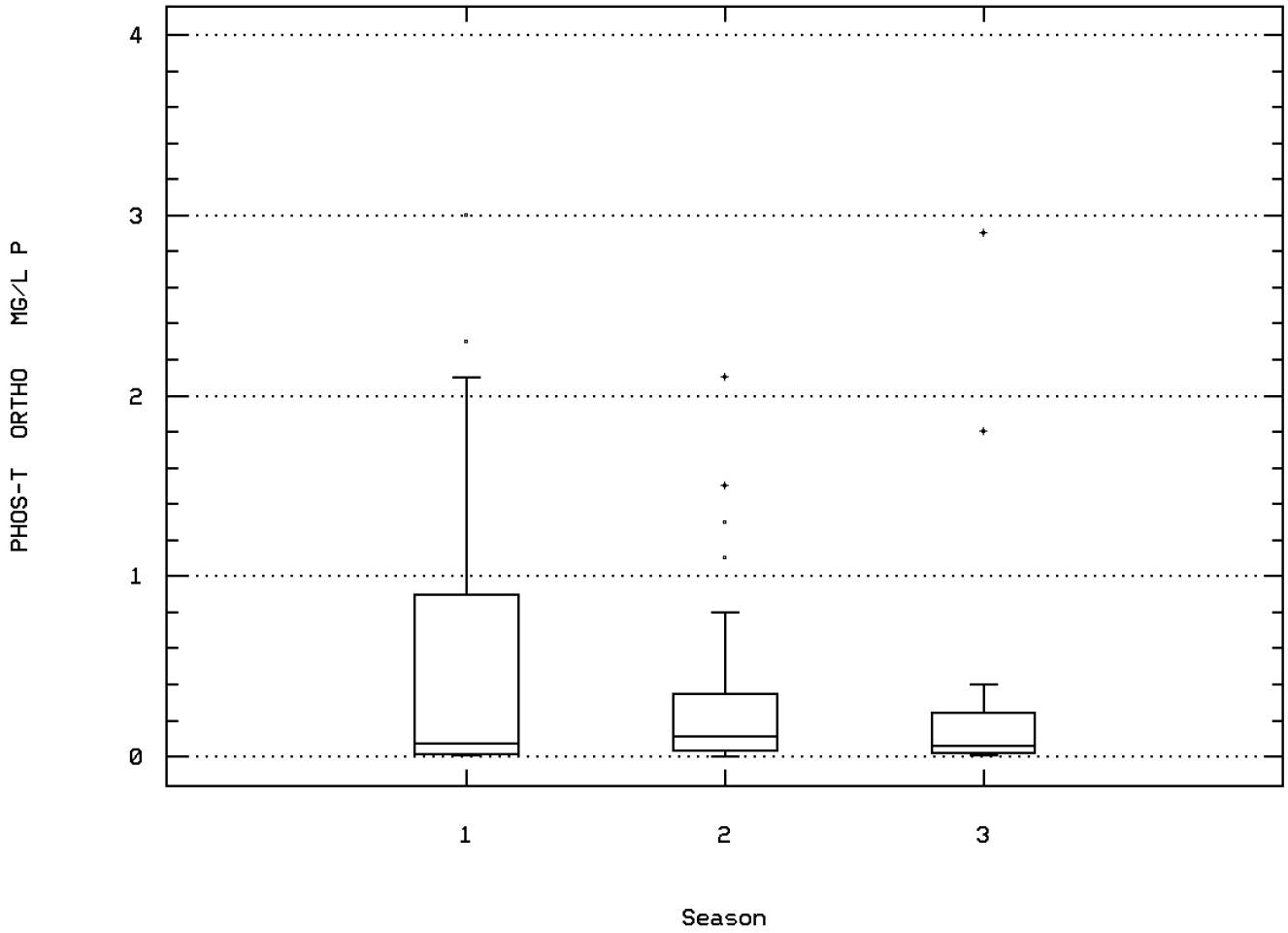
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station: GWMP0097 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



GEORGE WASH.MEM.PKWY (ALEXANDRIA-FAIRFA

Station Inventory for Station: GWMP0098

NPS Station ID: GWMP0098
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W2
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.2 /W-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FIRST WESTERN ABUTMENT

Parameter Inventory for Station: GWMP0098

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

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

Station Inventory for Station: GWMP0099

NPS Station ID: GWMP0099
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W3
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.3 /W-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0099

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

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

Station Inventory for Station: GWMP0100

NPS Station ID: GWMP0100
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W4
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.4 /W-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 36
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0100

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

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

Station Inventory for Station: GWMP0101

NPS Station ID: GWMP0101 LAT/LON: 38.790004/ -77.022227 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W45 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101012.45 /W-45
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 26 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT SIXTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0101

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

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

Station Inventory for Station: GWMP0102

NPS Station ID: GWMP0102
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W5
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.5 /W-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION AT SEVENTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0102

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

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

Station Inventory for Station: GWMP0103

NPS Station ID: GWMP0103
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W55
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.55 /W-55
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THIRTEENTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0103

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

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

Station Inventory for Station: GWMP0104

NPS Station ID: GWMP0104 LAT/LON: 38.790004/ -77.022227 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W6 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101012.6 /W-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EIGHTEENTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0104

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

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

Station Inventory for Station: GWMP0105

NPS Station ID: GWMP0105 LAT/LON: 38.790004/ -77.022227 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W7 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101012.7 /W-7
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT TWENTY-THIRD BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0105

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

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

Station Inventory for Station: GWMP0106

NPS Station ID: GWMP0106 LAT/LON: 38.790004/ -77.022227 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W8 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101012.8 /W-8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 16 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.00 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT TWENTY-NINTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0106

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

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

Station Inventory for Station: GWMP0107

NPS Station ID: GWMP0107
LAT/LON: 38.790004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT WOODROW WILSON BRIDGE TRANS W9
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101012.9 /W-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT LAST EASTERNMOST BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0107

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

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

Station Inventory for Station: GWMP0108

NPS Station ID: GWMP0108
LAT/LON: 38.790559/ -77.022087
Agency: 21MDEXP
Date Created: 10/11/80
Location: OFF POINT AT NORTH END OF COVE
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XFB7587
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.09
Distance from RF3: 0.02
On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
OFF POINT AT NORTH END OF COVE

Parameter Inventory for Station: GWMP0108

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

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

Station Inventory for Station: GWMP0109

NPS Station ID: GWMP0109
LAT/LON: 38.791115/ -76.971948
Agency: 21MDPGHD
Date Created: / /
Location: HENSON C-OXON HILL BOCK RD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-5 /243048 /PO-HB-5
RMI-Indexes: 0214001 002540
Within Park Boundary: No
RMI-Miles: 0101.80 0004.83
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010021
RF1 Mile Point: 4.070
Distance from RF1: 2.90
On/Off RF1: OFF
RF3 Index: 02070010002102.60
RF3 Mile Point: 3.90
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	69	14.	13.159	27.	0.	70.57	8.401	1.	6.	21.25	24.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	66	9.8	10.536	15.	5.7	5.863	2.421	7.8	9.075	12.1	14.93
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	68	7.14	7.171	9.5	4.6	0.418	0.647	6.5	6.9	7.5	7.805
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	68	7.138	6.308	9.5	4.6	1.174	1.083	6.5	6.9	7.5	7.805
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	68	0.073	0.492	25.119	0.	9.232	3.038	0.016	0.032	0.126	0.316
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	4.	5.4	16.	1.	38.3	6.189	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	13.8	15.	9.	7.2	2.683	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	40	5900.	35639.25	460000.	290.	6773642509.679	82302.142	930.	2300.	23000.	93000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	40	3.754	3.9	5.663	2.462	0.593	0.77	2.968	3.362	4.362	4.968
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7939.018								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	24	10650.	84256.667	460000.	230.	19993210292.754	141397.349	1215.	4300.	93000.	375000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	24	4.024	4.202	5.663	2.362	0.82	0.905	3.072	3.633	4.968	5.563
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15932.349								
31515	INVALID PARM	05/12/75-10/20/75	6	3300.	9616.667	43000.	1500.	268785666.667	16394.684	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	71	930.	20311.479	460000.	9.	4803111878.453	69304.487	104.4	230.	4300.	39000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	71	2.968	3.099	5.663	0.954	0.941	0.97	2.01	2.362	3.633	4.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1257.245								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	6.5	6.68	7.3	6.2	0.182	0.427	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	5	4300.	11226.	43000.	230.	318601880.	17849.422	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	5	230.	1002.8	4300.	11.	3425432.7	1850.792	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	24	0	0.00	27	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	68	1	0.01	25	0	0.00	28	0	0.00	15	1	0.07			
		Other-Lo Lim.	6.5	68	7	0.10	25	3	0.12	28	3	0.11	15	1	0.07			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	40	33	0.83	15	14	0.93	17	13	0.76	8	6	0.75			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	24	22	0.92	6	6	1.00	12	10	0.83	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	71	63	0.89	25	22	0.88	30	26	0.87	16	15	0.94			

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

Annual Analysis for 1973 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	22.	21.25	26.	15.	23.583	4.856	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	8.2	8.2	8.3	8.1	0.007	0.082	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.6	7.9	9.5	6.9	1.353	1.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.437	7.303	9.5	6.9	1.829	1.353	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.037	0.05	0.126	0.	0.003	0.058	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	1615.	117315.	460000.	230.	37325907470.	193199.139	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	3.165	3.728	5.663	2.362	2.05	1.432	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5346.415								

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

Annual Analysis for 1974 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	14.5	25.	6.5	52.45	7.242	6.6	7.	21.	24.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.5	9.9	13.4	7.8	2.462	1.569	7.92	9.	10.8	13.06
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	7.173	7.6	6.8	0.084	0.29	6.82	6.9	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	7.095	7.6	6.8	0.091	0.302	6.82	6.9	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.079	0.08	0.158	0.025	0.002	0.046	0.025	0.032	0.126	0.152
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	14458.091	150000.	9.	2022329566.091	44970.319	53.2	230.	1500.	120860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.831	5.176	0.954	1.054	1.027	1.236	2.362	3.176	4.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			676.87								

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

Annual Analysis for 1975 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.5	13.318	24.	1.	68.514	8.277	1.2	6.	21.5	23.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.4	10.218	14.7	7.4	4.098	2.024	7.66	9.2	11.6	14.16
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.3	7.327	8.2	6.6	0.208	0.456	6.66	6.9	7.6	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.3	7.132	8.2	6.6	0.25	0.5	6.66	6.9	7.6	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.05	0.074	0.251	0.006	0.005	0.073	0.009	0.025	0.126	0.226
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	1500.	5677.273	43000.	230.	155948481.818	12487.933	230.	430.	4300.	35260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.176	3.215	4.633	2.362	0.448	0.669	2.362	2.633	3.633	4.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1640.79								

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

Annual Analysis for 1976 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	6.	10.273	22.	0.5	78.168	8.841	0.5	2.	21.	22.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	14.9	13.778	15.	9.4	3.662	1.914	9.4	12.85	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.96	6.972	7.8	6.2	0.265	0.515	6.23	6.5	7.5	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.956	6.735	7.8	6.2	0.327	0.572	6.23	6.5	7.5	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.111	0.184	0.631	0.016	0.037	0.192	0.017	0.032	0.316	0.599
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	658.182	2300.	11.	729973.164	854.385	17.4	43.	930.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.385	3.362	1.041	0.554	0.744	1.16	1.633	2.968	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			242.452								

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

Annual Analysis for 1977 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	12.	13.091	27.	1.	86.091	9.279	1.	6.	22.	26.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	10.	10.609	15.	5.7	8.003	2.829	5.98	9.1	12.5	14.9
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.9	6.809	7.85	4.6	0.849	0.921	4.84	6.6	7.28	7.84
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	6.9	5.601	7.85	4.6	2.454	1.567	4.84	6.6	7.28	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.126	2.506	25.119	0.014	56.451	7.513	0.014	0.052	0.251	20.412
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	930.	1825.091	7500.	43.	5024517.291	2241.544	53.	230.	2300.	6860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.968	2.909	3.875	1.633	0.463	0.68	1.7	2.362	3.362	3.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			810.816								

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

Annual Analysis for 1978 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.	11.25	24.	0.	90.571	9.517	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	10.25	10.625	15.	7.3	7.371	2.715	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.95	6.838	7.2	6.3	0.111	0.334	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.947	6.721	7.2	6.3	0.127	0.356	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.113	0.19	0.501	0.063	0.024	0.155	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	3300.	12507.5	64000.	230.	488322478.571	22098.02	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	3.498	3.496	4.806	2.362	0.665	0.815	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3133.16								

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

Annual Analysis for 1979 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	4.	4.	7.	1.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	11.	11.	12.1	9.9	2.42	1.556	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.125	7.125	7.3	7.	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	2365.	2365.	4300.	430.	7488450.	2736.503	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	3.133	3.133	3.633	2.633	0.5	0.707	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1359.779								

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

Annual Analysis for 1980 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	14.	14.727	26.	5.	62.618	7.913	5.2	6.	23.	25.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	9.35	9.36	12.3	7.4	1.752	1.323	7.44	8.625	9.725	12.08
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.45	7.535	8.72	7.02	0.276	0.526	7.036	7.18	7.55	8.642
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.45	7.359	8.72	7.02	0.311	0.557	7.036	7.18	7.55	8.642
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.035	0.044	0.095	0.002	0.001	0.029	0.002	0.028	0.066	0.092
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	4300.	34966.364	240000.	150.	5362970485.455	73232.305	166.	230.	23000.	210600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.633	3.52	5.38	2.176	1.275	1.129	2.213	2.362	4.362	5.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3315.105								

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	25	21.5	20.4	27.	10.	21.729	4.661	12.9	16.5	24.	26.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	24	9.25	9.433	14.9	5.7	4.423	2.103	7.35	8.125	9.9	13.8
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.45	7.266	8.2	5.8	0.295	0.543	6.42	7.05	7.575	7.88
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	25	7.45	6.84	8.2	5.8	0.484	0.695	6.42	7.05	7.575	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	25	0.035	0.145	1.585	0.006	0.103	0.321	0.014	0.027	0.09	0.39
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	930.	12119.28	240000.	9.	2275436476.543	47701.535	127.2	330.	4300.	13700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	25	2.968	3.054	5.38	0.954	0.742	0.861	2.093	2.498	3.633	4.07
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1131.25								

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	28	6.	5.268	15.5	0.	15.602	3.95	0.95	1.25	7.	10.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	27	12.	11.933	15.	7.4	5.323	2.307	8.92	10.1	14.5	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	28	7.01	7.084	8.72	6.2	0.22	0.469	6.5	6.878	7.3	7.625
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	28	7.01	6.899	8.72	6.2	0.256	0.506	6.5	6.878	7.3	7.625
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	28	0.098	0.126	0.631	0.002	0.016	0.127	0.024	0.05	0.133	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	30	750.	27695.	460000.	11.	7746929845.448	88016.645	48.	230.	4300.	90100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	30	2.875	3.096	5.663	1.041	1.2	1.095	1.667	2.362	3.633	4.952
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1248.453								

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	16.25	15.656	26.	0.5	46.791	6.84	4.35	11.	21.125	24.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.3	9.787	15.	7.1	3.616	1.901	7.76	8.7	10.1	13.26
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.	7.175	9.5	4.6	1.04	1.02	5.8	6.9	7.6	8.798
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.	5.756	9.5	4.6	3.197	1.788	5.8	6.9	7.6	8.798
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.1	1.754	25.119	0.	41.783	6.464	0.003	0.025	0.126	10.198
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	1500.	19267.688	240000.	43.	3574377596.229	59786.099	173.9	245.	4300.	102100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	3.176	3.177	5.38	1.633	0.876	0.936	2.143	2.387	3.633	4.857
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1502.424								

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

Station Inventory for Station: GWMP0110

NPS Station ID: GWMP0110 LAT/LON: 38.791670/ -77.031949 Agency: 21VASWCB Date Created: 07/18/81
Location: POTOMAC RIVER, NEAR WOODROW WILSON BRIDGE FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): XFB7384 /X323500 /Y4295300
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ALTANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010025 RF1 Mile Point: 0.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010001400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
DATA FROM EPA TECH REPORT 35, ANNAPOLIS FIELD OFFICE, APRIL 1971, JAWORSKI ET AL/

Parameter Inventory for Station: GWMP0110

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

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

Station Inventory for Station: GWMP0111

NPS Station ID: GWMP0111 LAT/LON: 38.792198/ -77.019642 Agency: 21MDEXP Date Created: 10/11/80
Location: 100 YDS OFFSHORE 5 FT DEPTH AT NORTH END OF COVE FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7588
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010068300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.95 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
100 YDS OFFSHORE 5 FT DEPTH AT NORTH END OF COVE

Parameter Inventory for Station: GWMP0111

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

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

Station Inventory for Station: GWMP0112

NPS Station ID: GWMP0112 LAT/LON: 38.792753/ -77.021392 Agency: 21MDEXP Date Created: 10/11/80
Location: 50 YDS OFFSHORE AT NORTH END OF COVE 5-6 FT. DEP FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7687
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 0.660 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 1.49 Distance from RF3: 0.06 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS .00 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
50 YDS OFFSHORE AT NORTH END OF COVE 5-6 FT. DEPTH

Parameter Inventory for Station: GWMP0112

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

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

Station Inventory for Station: GWMP0113

NPS Station ID: GWMP0113
LAT/LON: 38.792781/ -77.037504
Agency: 112WRD
Date Created: / /
Location: POTOMAC R AT ALEXANDRIA, VA
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01652590
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010004003.03
RF3 Mile Point: 3.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	1711	24.7	21.668	32.4	0.	81.599	9.033	6.42	15.9	29.1	30.1
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	06/19/80-09/30/81	212	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	186	4.05	3.427	17.	0.	11.946	3.456	0.	0.	6.	7.92
00035	WIND VELOCITY (MILES PER HOUR)	04/12/79-04/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	739	12.	12.842	72.	0.	182.087	13.494	0.	0.	24.	30.
00080	COLOR (PLATINUM-COBALT UNITS)	09/21/66-02/04/81	7	5.	9.214	20.	2.5	51.988	7.21	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	1753	335.	327.248	616.	105.	6888.199	82.995	213.	275.	367.	429.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	18	2.05	1.882	4.	0.	1.834	1.354	0.	0.	2.873	3.55
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	176	0.25	0.395	2.6	0.	0.231	0.481	0.	0.	0.6	1.
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	123	78.	303.49	2100.	0.	209661.903	457.889	0.	0.	440.	1100.
00201	LIGHT,INCIDENT,400-700NM,DAILY TOTAL UEINSTEINS/M2	06/19/80-09/30/81	212	427.	413.123	753.	41.	25700.468	160.314	177.3	306.5	525.75	634.1
00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	1557	6.6	5.784	15.3	0.	14.744	3.84	0.	3.	8.7	10.4
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	650	0.	-0.094	0.9	-4.2	0.202	0.449	0.	0.	0.	0.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/25/78-12/04/78	23	9.	8.557	12.1	5.3	3.296	1.816	5.56	7.1	9.6	10.8
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	600	10.	10.786	47.	0.	31.851	5.644	4.5	6.2	14.	18.27
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	584	5.5	5.718	18.	0.	7.604	2.758	2.7	3.7	7.475	9.1
00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	529	4.5	5.661	32.	0.	16.723	4.089	1.5	2.65	7.85	11.
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	10/25/78-08/05/80	92	0.08	0.074	0.2	0.	0.002	0.049	0.	0.045	0.11	0.127
00349	BOD, 30 DAY, 20 DEG C MG/L	10/25/78-12/04/78	23	17.1	17.283	25.3	12.	8.67	2.944	13.16	16.	18.1	21.94
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	1537	7.1	7.152	8.8	5.6	0.26	0.51	6.5	6.7	7.5	7.9
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	1537	7.1	6.902	8.8	5.6	0.323	0.568	6.5	6.7	7.5	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	1537	0.079	0.125	2.512	0.002	0.019	0.137	0.013	0.032	0.2	0.316
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/65-02/24/81	28	0.	3.107	31.	0.	65.877	8.116	0.	0.	0.	16.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/65-08/07/80	13	68.	63.385	84.	39.	245.423	15.666	39.4	49.	76.	82.8
00440	BICARBONATE ION (MG/L AS HCO3)	08/19/65-09/21/66	4	49.	60.5	96.	48.	560.333	23.671	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/21/66-09/21/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/25/79-07/23/80	3	0.	0.967	2.9	0.	2.803	1.674	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	596	2.2	2.509	6.7	0.37	1.173	1.083	1.5	1.7	3.1	4.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/79-08/26/81	114	0.45	0.554	1.5	0.	0.122	0.35	0.14	0.298	0.843	1.1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-09/22/81	408	0.36	0.413	3.3	0.	0.108	0.329	0.06	0.21	0.55	0.741
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	426	0.54	0.84	4.6	0.	0.701	0.837	0.1	0.22	1.2	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/79-08/26/81	114	0.31	0.793	5.1	0.	1.192	1.092	0.09	0.15	0.895	2.45
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	427	0.03	0.073	0.36	0.	0.006	0.078	0.01	0.02	0.1	0.21
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/01/79-07/23/80	72	0.02	0.033	0.19	0.	0.001	0.036	0.01	0.01	0.03	0.087
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	430	1.2	1.411	5.8	0.04	0.826	0.909	0.443	0.84	1.825	2.7

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

Parameter Inventory for Station: GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/25/79-07/23/80	3	0.	0.5	1.5	0.	0.75	0.866	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	680	0.935	1.194	5.3	0.	0.737	0.859	0.361	0.58	1.6	2.5
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	624	0.2	0.285	4.5	0.	0.12	0.346	0.	0.03	0.4	0.625
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	661	1.2	1.465	6.2	0.16	0.86	0.927	0.5	0.755	1.9	2.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/79-07/23/80	3	0.	0.5	1.5	0.	0.75	0.866	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	671	1.2	1.324	5.8	0.	0.598	0.773	0.6	0.9	1.4	2.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/19/65-07/23/80	6	0.38	0.775	3.5	0.	1.817	1.348	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-06/02/80	2	0.245	0.245	0.37	0.12	0.031	0.177	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	660	0.14	0.157	1.1	0.016	0.01	0.1	0.076	0.102	0.181	0.245
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	681	0.059	0.07	0.556	0.	0.003	0.051	0.032	0.042	0.081	0.116
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/02/80-10/14/83	18	0.044	0.047	0.12	0.02	0.	0.022	0.02	0.036	0.054	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/13/79-09/22/81	125	5.4	5.555	14.	0.	4.851	2.202	3.4	4.5	6.6	7.84
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/02/79-08/26/81	65	3.4	3.491	6.4	0.	0.959	0.979	2.68	3.2	3.8	4.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/65-09/22/81	21	120.	117.762	180.	71.	904.69	30.078	80.	96.	130.	168.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/65-02/04/81	15	40.	39.	65.	25.	113.571	10.657	25.6	31.	43.	57.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/66-09/22/81	20	32.	33.55	52.	20.	78.682	8.87	24.	26.5	36.	50.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/66-09/22/81	20	8.05	7.965	11.	4.8	4.468	2.114	5.2	5.8	9.3	11.
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/66-09/22/81	20	18.	19.435	42.	6.7	73.079	8.549	12.	14.	23.75	37.5
00931	SODIUM ADSORPTION RATIO	08/19/65-09/22/81	21	0.8	0.805	1.6	0.3	0.092	0.304	0.5	0.6	0.85	1.38
00932	SODIUM, PERCENT	08/19/65-09/22/81	21	26.	25.905	42.	14.	30.39	5.513	20.2	23.5	27.5	33.6
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/19/65-08/29/79	5	19.	23.2	40.	17.	91.7	9.576	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/66-09/22/81	20	3.9	3.81	4.9	1.6	0.547	0.74	2.75	3.45	4.3	4.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/65-09/22/81	21	25.	25.19	50.	10.	114.962	10.722	13.4	15.5	34.	40.4
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/65-09/22/81	21	46.	52.429	84.	25.	330.457	18.178	28.8	41.5	68.5	82.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/21/66-09/22/81	16	0.25	0.25	0.4	0.1	0.005	0.073	0.17	0.2	0.3	0.33
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	670	5.3	4.858	9.5	0.	5.433	2.331	1.4	2.775	6.7	7.6
01045	IRON, TOTAL (UG/L AS FE)	09/21/66-09/21/66	2	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/02/80-02/04/81	7	20.	15.714	20.	10.	28.571	5.345	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/21/66-09/21/66	3	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/80-08/07/80	3	8.	28.667	70.	8.	1281.333	35.796	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	22	2910.	5103.682	31200.	0.	59219480.132	7695.419	12.	120.	6050.	18270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	22	3.463	2.923	4.494	0.	1.593	1.262	0.481	2.074	3.781	4.23
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			837.572								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	22	605.	1444.045	7285.	0.	3669125.665	1915.496	15.	123.5	1815.	4375.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	22	2.78	2.581	3.862	0.	1.061	1.03	0.51	2.09	3.258	3.641
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			381.382								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	951	21.7	27.436	153.	0.	527.297	22.963	3.5	8.6	39.7	61.96
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-11/28/79	115	19.2	17.864	36.8	0.	86.84	9.319	3.2	11.4	24.	30.96
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	951	10.6	10.944	59.	0.	49.282	7.02	2.4	5.	15.8	19.88
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	951	27.3	32.339	159.	0.	610.27	24.704	4.8	11.3	47.3	69.48
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/11/79	111	5.1	8.68	26.3	0.	61.44	7.838	1.3	2.3	15.	22.46
32230	CHLOROPHYLL A (MG/L)	04/25/79-10/11/79	114	0.025	0.024	0.05	0.	0.	0.012	0.005	0.015	0.035	0.04
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/07/81-06/26/81	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34541	1,2-DICHLOROPROPANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/07/81-06/26/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/07/81-01/07/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-09/22/81	236	9150.	11892.627	60000.	390.	109829783.707	10479.971	2140.	5000.	15000.	25000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/65-02/04/81	8	165.	214.	326.	141.	6772.857	82.297	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/21/66-09/22/81	20	180.	195.5	319.	124.	3131.526	55.96	127.	150.25	224.75	302.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/21/66-09/21/66	1	146.	146.	146.	146.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/65-09/22/81	21	0.25	0.279	0.44	0.19	0.006	0.077	0.202	0.225	0.335	0.43
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/15/81-04/17/81	9	100.	99.444	100.	98.	0.528	0.726	98.	99.	100.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	04/15/81-04/17/81	8	100.	99.625	100.	99.	0.268	0.518	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	04/15/81-04/17/81	6	100.	99.667	100.	99.	0.267	0.516	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	04/17/81-04/17/81	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/15/81-04/17/81	9	43.	44.889	60.	32.	97.111	9.854	32.	36.5	55.	60.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/15/81-04/17/81	9	61.	64.333	77.	51.	87.75	9.367	51.	58.	75.5	77.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	04/15/81-04/17/81	9	80.	81.333	92.	69.	59.	7.681	69.	75.5	89.5	92.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/15/81-04/17/81	9	93.	91.556	97.	84.	17.278	4.157	84.	88.	94.5	97.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	04/15/81-04/17/81	9	97.	96.778	99.	93.	3.194	1.787	93.	96.	98.	99.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	6	15.75	19.117	45.	8.	190.59	13.805	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	6 ##	0.403	1.753	8.8	0.005	12.093	3.477	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/19/81	35	28.	31.883	65.	0.	232.645	15.253	12.2	21.	43.	57.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	55	3.6	4.358	12.2	0.	9.336	3.056	1.044	1.92	6.3	9.46
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	48	23.25	24.34	41.	12.5	39.878	6.315	17.5	20.5	27.	35.1
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	48	16.5	17.706	33.5	6.5	44.13	6.643	10.8	12.775	20.375	29.55
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/01/79-02/04/81	86	0.5	1.176	6.2	0.	2.113	1.453	0.1	0.2	1.625	3.66
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-09/22/81	409	0.73	1.1	5.9	0.	1.2	1.095	0.13	0.27	1.7	2.7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/65-09/22/81	402	5.2	5.977	26.	0.1	16.449	4.056	1.7	3.275	7.5	12.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/19/79-09/22/81	412	0.1	0.234	1.2	0.	0.065	0.255	0.03	0.07	0.3	0.69
71885	IRON (UG/L AS FE)	09/21/66-09/21/66	1	30.	30.	30.	30.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/79-09/18/79	15	0.61	0.651	1.2	0.46	0.035	0.188	0.478	0.52	0.74	0.978
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/25/79-07/23/80	3	0.	4.333	13.	0.	56.333	7.506	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/28/81-01/28/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	646	24.	45.944	774.	0.	6941.612	83.316	12.	17.	36.25	80.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/04/80-03/11/81	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/04/81-08/25/81	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	519	0.28	0.314	1.9	0.	0.043	0.208	0.1	0.17	0.42	0.57
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	579	0.14	0.142	0.35	0.	0.003	0.053	0.08	0.11	0.17	0.21
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	650	0.	0.11	4.5	-1.5	0.227	0.477	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	520	6.3	6.357	15.	0.	10.024	3.166	2.3	3.825	8.475	10.8
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	08/25/80-12/01/81	37	930.	3621.07	43000.	0.3	96763613.744	9836.85	226.	230.	1850.	6480.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	08/25/80-12/01/81	37	2.968	2.775	4.633	-0.523	1.008	1.004	2.354	2.362	3.254	3.759
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			595.255								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-12/01/81	36	2400.	3694.444	9300.	1300.	6875968.254	2622.207	2300.	2300.	4300.	9300.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-12/01/81	36	3.38	3.491	3.968	3.114	0.058	0.241	3.362	3.362	3.633	3.968
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3095.787								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/10/80-08/19/81	10	29.	35.1	75.	0.	716.1	26.76	0.	13.5	63.	73.8

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

EPA Water Quality Criteria Analysis for Station: GWMP0113

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1557	436	0.28	985	433	0.44	175	2	0.01	397	1	0.00			

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

EPA Water Quality Criteria Analysis for Station: GWMP0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1537	0	0.00	956	0	0.00	177	0	0.00	404	0	0.00			
		Other-Lo Lim.	6.5	1537	159	0.10	956	153	0.16	177	0	0.00	404	6	0.01			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	427	0	0.00	192	0	0.00	126	0	0.00	109	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	72	0	0.00	22	0	0.00	50	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	430	0	0.00	196	0	0.00	126	0	0.00	108	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	671	0	0.00	245	0	0.00	220	0	0.00	206	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	21	0	0.00	17	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	250.	21	0	0.00	17	0	0.00	2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	21	0	0.00	17	0	0.00	2	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	16	0	0.00	12	0	0.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	16	0.73	17	14	0.82	4	2	0.50	1	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	402	0	0.00	169	0	0.00	126	0	0.00	107	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	412	0	0.00	177	0	0.00	126	0	0.00	109	0	0.00			

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

Annual Analysis for 1965 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**

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

Annual Analysis for 1966 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	3	249.	241.667	249.	227.	161.333	12.702	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	3	6.7	6.6	6.7	6.4	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	3	6.7	6.576	6.7	6.4	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	3	0.2	0.266	0.398	0.2	0.013	0.115	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	3	2.7	2.433	2.7	1.9	0.213	0.462	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	3	4.9	4.933	5.	4.9	0.003	0.058	**	**	**	**

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

Annual Analysis for 1978 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	39	15.2	13.721	21.5	3.	24.372	4.937	4.5	9.5	16.5	20.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	8	256.	292.5	513.	109.	20585.429	143.476	**	**	**	**
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	31	16.3	15.335	22.	6.2	12.538	3.541	9.68	13.1	17.4	18.92
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	31	7.7	7.771	15.3	3.8	3.683	1.919	5.42	7.	8.6	9.24
00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	31	8.3	7.671	13.1	0.9	7.718	2.778	3.	6.4	9.5	10.96
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	2	2.15	2.15	2.2	2.1	0.005	0.071	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	85	1.5	1.533	3.1	0.44	0.408	0.639	0.722	0.975	1.9	2.54
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	35	0.3	0.383	1.2	0.	0.099	0.315	0.	0.1	0.6	0.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	71	2.2	2.193	3.6	0.61	0.498	0.706	1.04	1.7	2.7	3.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	73	0.9	0.975	1.6	0.	0.052	0.229	0.8	0.9	1.1	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	70	0.15	0.166	0.41	0.08	0.003	0.058	0.117	0.13	0.19	0.229
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	85	0.072	0.077	0.41	0.01	0.002	0.045	0.04	0.058	0.09	0.111
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	85	3.1	3.432	7.5	0.2	6.569	2.563	0.3	0.95	6.45	6.7
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	90	23.5	58.078	429.	9.	9355.241	96.722	15.	19.	32.	265.5
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	31	0.45	0.495	1.2	0.12	0.076	0.276	0.148	0.29	0.7	0.91
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	31	0.15	0.14	0.2	0.07	0.001	0.035	0.082	0.12	0.16	0.18
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	31	3.7	4.162	10.2	0.67	4.364	2.089	1.68	3.3	5.1	6.86

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

Annual Analysis for 1979 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	392	17.25	15.38	30.	0.	70.3	8.385	3.5	7.5	23.	23.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	60	14.	11.383	38.	0.	117.834	10.855	0.	0.	22.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	485	260.	253.713	410.	105.	3719.655	60.989	174.2	210.	290.	330.8
00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	283	8.9	8.991	15.3	5.1	2.414	1.554	7.3	8.	9.4	11.7

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

Annual Analysis for 1979 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	245	0.	-0.053	0.	-2.5	0.093	0.305	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	236	8.8	9.74	31.	2.	26.334	5.132	4.3	5.7	12.6	17.06
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	195	5.6	5.819	18.	1.3	7.291	2.7	2.8	3.6	7.5	9.2
00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	185	3.6	4.767	24.	0.	13.978	3.739	1.5	2.4	5.95	9.36
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	276	7.8	7.717	8.8	7.1	0.1	0.316	7.2	7.463	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	276	7.8	7.6	8.8	7.1	0.114	0.337	7.2	7.462	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	276	0.016	0.025	0.079	0.002	0.	0.02	0.01	0.013	0.035	0.063
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	249	1.9	2.1	6.7	0.38	0.674	0.821	1.4	1.6	2.3	3.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	78	0.575	0.882	4.6	0.	0.939	0.969	0.048	0.168	1.375	2.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	81	0.04	0.042	0.11	0.	0.001	0.028	0.01	0.02	0.06	0.088
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	81	0.71	0.792	2.	0.23	0.247	0.497	0.28	0.3	1.2	1.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	249	0.77	1.08	5.3	0.1	0.793	0.89	0.33	0.47	1.3	2.5
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	247	0.2	0.293	4.5	0.	0.172	0.414	0.	0.03	0.4	0.612
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	247	0.99	1.328	6.2	0.16	0.907	0.953	0.46	0.62	1.7	2.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	249	1.1	1.016	2.3	0.2	0.157	0.396	0.4	0.8	1.3	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	247	0.125	0.157	0.82	0.016	0.014	0.12	0.068	0.085	0.18	0.282
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	249	0.055	0.069	0.53	0.01	0.003	0.052	0.033	0.042	0.071	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	248	6.5	5.689	9.5	0.8	4.772	2.184	2.3	4.05	7.3	8.1
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	47	3.6	4.604	9.7	0.4	7.631	2.762	1.18	2.6	7.1	9.14
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	47	2.5	2.591	5.	0.7	1.27	1.127	0.98	1.8	3.5	4.24
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	47	5.2	5.953	12.	0.9	9.793	3.129	1.78	3.8	8.6	10.74
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	216	30.5	69.792	774.	2.	14905.515	122.088	11.	19.25	60.	138.9
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	177	0.3	0.335	1.9	0.	0.047	0.218	0.12	0.18	0.44	0.552
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	195	0.16	0.156	0.29	0.04	0.003	0.055	0.08	0.12	0.19	0.23
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	245	0.	0.073	4.5	0.	0.177	0.42	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	184	6.7	6.637	13.8	0.	5.559	2.358	3.5	5.225	7.875	9.6

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Annual Analysis for 1980 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	802	29.	25.639	32.4	0.	53.047	7.283	14.86	25.4	29.8	30.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	454	12.	12.267	46.	0.	162.938	12.765	0.	0.	24.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	783	349.	351.34	529.	155.	3055.212	55.274	301.4	329.	366.	418.
00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	808	3.6	3.532	12.5	0.	13.567	3.683	0.	0.	6.7	8.51
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	264	0.	-0.179	0.9	-4.2	0.397	0.63	0.	0.	0.	-0.65
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	223	12.	12.151	47.	0.	44.405	6.664	3.94	6.3	16.3	21.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	248	5.35	5.691	18.	0.	9.686	3.112	2.2	3.6	7.6	9.81
00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	203	6.7	7.1	32.	0.	22.34	4.727	1.3	3.8	9.8	13.
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	785	6.8	6.904	8.5	5.6	0.16	0.4	6.5	6.6	7.1	7.44
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	785	6.8	6.765	8.5	5.6	0.179	0.423	6.5	6.6	7.1	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	785	0.158	0.172	2.512	0.003	0.019	0.138	0.037	0.079	0.251	0.316
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	224	2.4	2.641	6.6	0.37	1.311	1.145	1.5	1.8	3.2	4.05
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	225	0.82	1.056	3.9	0.	0.797	0.893	0.1	0.325	1.55	2.4
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	225	0.03	0.08	0.31	0.	0.007	0.086	0.01	0.02	0.14	0.23
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	224	1.1	1.191	5.8	0.04	0.529	0.728	0.615	0.83	1.3	2.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	225	1.2	1.383	4.8	0.	0.958	0.979	0.34	0.615	1.9	2.7
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	221	0.17	0.247	2.	0.	0.095	0.308	0.	0.	0.38	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	222	1.4	1.57	5.	0.17	1.055	1.027	0.47	0.698	2.	3.17
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	226	1.1	1.257	5.8	0.	0.517	0.719	0.7	0.9	1.4	2.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	222	0.137	0.152	1.1	0.03	0.01	0.1	0.075	0.102	0.174	0.226
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	226	0.053	0.067	0.556	0.	0.003	0.055	0.025	0.041	0.077	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	222	5.7	5.2	8.5	0.	3.754	1.938	2.4	3.4	6.825	7.4
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	458	16.7	22.846	153.	0.	425.252	20.622	2.9	8.6	32.225	47.82
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	458	10.25	10.476	40.8	0.	43.074	6.563	2.4	5.	15.	18.72
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	459	22.	27.556	159.	0.	493.284	22.21	4.3	11.1	39.3	53.6

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

Annual Analysis for 1980 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	218	21.5	23.803	139.	0.	199.136	14.112	8.9	16.75	29.	40.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	201	0.29	0.311	0.96	0.	0.041	0.202	0.	0.17	0.43	0.58
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	243	0.14	0.135	0.35	0.	0.003	0.057	0.07	0.11	0.16	0.2
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	264	0.	0.193	4.	-1.5	0.378	0.615	0.	0.	0.	1.1
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	197	7.6	7.265	15.	0.	13.812	3.716	2.2	4.	10.	12.

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Annual Analysis for 1981 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	394	24.2	19.914	30.7	0.	82.176	9.065	5.65	12.675	27.5	29.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	193	0.	12.56	72.	0.	227.602	15.086	0.	0.	24.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	393	335.	352.422	616.	142.	9176.643	95.795	239.8	288.5	412.	479.6
00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	382	7.8	8.195	14.1	0.	4.649	2.156	5.7	6.4	9.925	11.3
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	10/23/78-09/22/81	110	0.	-0.007	0.	-0.4	0.002	0.044	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	10/23/78-09/22/81	110	8.55	8.98	19.	3.6	9.01	3.002	5.21	6.8	11.	13.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	10/23/78-09/22/81	110	4.7	5.02	9.2	2.	3.022	1.738	2.9	3.6	6.3	7.7
00321	BOD, ULTIMATE SECOND STAGE MG/L	10/23/78-09/22/81	110	3.6	3.941	12.	0.	4.537	2.13	1.52	2.575	4.9	6.86
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	392	7.4	7.27	8.4	6.1	0.257	0.507	6.4	6.925	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	392	7.4	6.961	8.4	6.1	0.353	0.594	6.4	6.925	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	392	0.04	0.109	0.794	0.004	0.023	0.15	0.016	0.025	0.119	0.398
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	106	2.8	3.017	6.2	0.75	1.262	1.124	1.7	2.3	3.625	4.63
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	106	0.31	0.403	2.1	0.005	0.128	0.358	0.11	0.19	0.47	0.812
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	106	0.03	0.073	0.36	0.01	0.006	0.079	0.02	0.02	0.083	0.21
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	106	2.	2.142	5.1	0.12	0.836	0.914	1.17	1.575	2.6	3.4
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	106	0.79	0.813	2.1	0.15	0.125	0.353	0.42	0.577	0.95	1.2
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	106	0.3	0.315	1.	0.	0.059	0.243	0.	0.098	0.513	0.64
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	106	1.1	1.116	2.7	0.3	0.153	0.391	0.657	0.867	1.3	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	106	2.1	2.202	5.1	0.1	0.835	0.914	1.17	1.6	2.7	3.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	106	0.161	0.173	0.545	0.083	0.004	0.067	0.107	0.137	0.195	0.234
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	106	0.062	0.076	0.225	0.001	0.002	0.043	0.037	0.046	0.095	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	98	3.5	3.705	8.	0.1	4.133	2.033	1.3	1.8	5.325	6.51
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	383	33.2	35.223	96.9	1.7	614.324	24.786	4.4	12.2	54.5	70.
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	383	13.7	13.045	59.	0.6	54.266	7.367	3.24	6.9	17.4	21.92
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	383	40.9	41.045	101.	2.	701.49	26.486	6.24	15.7	63.	77.24
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	109	23.	35.78	180.	0.	1241.858	35.24	12.	17.	35.5	89.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	110	0.215	0.237	0.66	0.	0.018	0.134	0.101	0.15	0.293	0.437
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	10/23/78-09/22/81	110	0.135	0.135	0.23	0.05	0.001	0.039	0.08	0.11	0.17	0.18
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	10/23/78-09/22/81	110	0.	0.022	1.	0.	0.016	0.126	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/23/78-09/22/81	108	4.95	4.857	14.2	0.	7.271	2.696	1.5	2.8	6.6	8.11

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Annual Analysis for 1983 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	83	27.9	25.084	31.8	0.	43.137	6.568	20.8	21.2	28.4	29.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/13/79-10/14/83	32	29.5	25.438	43.	0.	146.706	12.112	0.	24.	33.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	80	417.	419.113	475.	358.	1209.19	34.773	373.	388.25	451.25	469.9
00300	OXYGEN, DISSOLVED MG/L	03/01/79-10/14/83	84	6.05	5.677	9.8	0.	3.763	1.94	3.8	4.5	6.6	8.05
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	80	7.1	7.086	7.5	6.8	0.031	0.176	6.9	6.9	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	80	7.1	7.052	7.5	6.8	0.032	0.179	6.9	6.9	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	80	0.079	0.089	0.158	0.032	0.001	0.035	0.05	0.063	0.126	0.126
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/28/78-10/14/83	15	3.8	3.787	5.3	2.5	0.581	0.762	2.74	3.2	4.3	5.

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Annual Analysis for 1983 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-10/14/83	17	0.45	0.499	1.1	0.32	0.041	0.202	0.32	0.375	0.53	0.916
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-10/14/83	15	0.11	0.131	0.22	0.05	0.003	0.054	0.05	0.1	0.18	0.22
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	15	2.7	2.633	3.2	1.4	0.265	0.515	1.7	2.3	3.1	3.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/27/78-10/14/83	15	1.	1.033	2.2	0.2	0.372	0.61	0.2	0.7	1.2	2.2
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/02/78-10/14/83	15	0.2	0.273	0.7	0.	0.074	0.271	0.	0.	0.6	0.64
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/78-10/14/83	15	1.1	1.173	1.7	0.7	0.108	0.328	0.76	0.9	1.5	1.64
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/27/78-10/14/83	17	2.7	2.753	3.3	1.5	0.239	0.489	1.9	2.55	3.15	3.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/78-10/14/83	15	0.082	0.088	0.153	0.057	0.001	0.028	0.059	0.065	0.111	0.131
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/78-10/14/83	15	0.045	0.047	0.067	0.03	0.	0.013	0.031	0.036	0.06	0.067
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	14	1.3	1.414	3.2	0.7	0.531	0.728	0.7	0.8	1.9	2.8
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-10/14/83	63	29.5	30.489	63.6	6.9	219.448	14.814	14.24	16.6	43.8	52.32
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-10/14/83	63	7.2	7.808	17.	0.4	10.56	3.25	4.66	6.2	9.5	11.14
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-10/14/83	62	32.8	33.968	63.7	9.8	213.025	14.595	17.72	20.525	45.45	55.47
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/22/78-10/14/83	13	19.	22.231	47.	14.	97.526	9.876	14.4	18.	22.	44.2

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	1015	28.7	27.005	32.4	0.	25.044	5.004	21.8	26.2	29.8	30.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	1021	356.	363.541	521.	170.	2682.8	51.796	315.2	333.	395.5	434.
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	956	6.8	6.908	8.4	5.6	0.158	0.397	6.5	6.6	7.2	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	956	6.8	6.76	8.4	5.6	0.18	0.424	6.5	6.6	7.2	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	956	0.158	0.174	2.512	0.004	0.022	0.148	0.032	0.063	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/65-08/07/80	11	68.	63.091	84.	39.	292.091	17.091	39.2	40.	79.	83.4
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	196	1.05	1.239	3.2	0.23	0.654	0.809	0.297	0.61	1.675	2.63
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/65-09/22/81	17	120.	114.235	160.	71.	611.316	24.725	78.2	99.5	126.	160.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/66-09/22/81	16	32.	32.125	45.	20.	48.65	6.975	22.8	26.	36.	45.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/66-09/22/81	16	8.05	7.881	11.	4.8	3.678	1.918	5.08	6.425	9.25	11.
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/66-09/22/81	16	18.	18.063	24.	12.	16.596	4.074	12.7	14.25	22.25	24.
00931	SODIUM ADSORPTION RATIO	08/19/65-09/22/81	17	0.8	0.788	1.6	0.5	0.056	0.237	0.58	0.65	0.8	1.04
00932	SODIUM, PERCENT	08/19/65-09/22/81	17	26.	26.059	42.	20.	21.184	4.603	21.6	24.	26.5	30.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/66-09/22/81	16	3.95	4.025	4.9	3.3	0.195	0.442	3.37	3.725	4.45	4.62
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/65-09/22/81	17	25.	24.235	38.	13.	68.941	8.303	14.6	15.5	33.	36.4
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/65-09/22/81	17	46.	52.529	84.	32.	250.14	15.816	33.6	42.	60.5	84.
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	255	4.7	4.393	8.8	0.3	4.653	2.157	1.3	2.5	6.	6.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/21/66-09/22/81	16	180.	188.438	265.	125.	1556.929	39.458	139.7	165.25	212.75	265.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/65-09/22/81	17	0.25	0.267	0.39	0.19	0.003	0.058	0.206	0.225	0.305	0.366
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/65-09/22/81	169	4.	4.932	14.	1.	10.907	3.303	1.3	2.375	7.1	10.

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	264	6.1	6.217	16.2	0.	12.813	3.58	2.1	3.55	7.575	12.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	243	281.	303.346	616.	105.	19930.566	141.176	150.	180.	379.	519.2
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	177	7.6	7.599	8.4	6.9	0.099	0.314	7.2	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	177	7.6	7.489	8.4	6.9	0.111	0.333	7.2	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	177	0.025	0.032	0.126	0.004	0.001	0.025	0.01	0.016	0.04	0.063
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	126	1.6	1.945	5.8	0.5	1.061	1.03	0.977	1.2	2.5	3.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/65-09/22/81	2	175.	175.	180.	170.	50.	7.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/66-09/22/81	2	51.5	51.5	52.	51.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/66-09/22/81	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/66-09/22/81	2	40.5	40.5	42.	39.	4.5	2.121	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/65-09/22/81	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/19/65-09/22/81	2	33.	33.	34.	32.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/66-09/22/81	2	3.75	3.75	4.3	3.2	0.605	0.778	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/65-09/22/81	2	45.5	45.5	50.	41.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/65-09/22/81	2	77.5	77.5	78.	77.	0.5	0.707	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	207	4.7	4.523	8.4	0.2	4.885	2.21	1.4	2.6	6.5	7.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/21/66-09/22/81	2	313.	313.	319.	307.	72.	8.485	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/65-09/22/81	2	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/65-09/22/81	126	7.	8.553	26.	2.2	20.97	4.579	4.3	5.2	11.	15.3

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/66-10/14/83	432	22.	18.569	26.9	0.	34.065	5.836	10.	13.175	23.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/65-10/14/83	489	270.	263.35	380.	142.	2107.052	45.903	208.	220.	290.	330.
00400	PH (STANDARD UNITS)	08/19/65-10/14/83	404	7.5	7.533	8.8	6.3	0.2	0.447	6.95	7.2	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	08/19/65-10/14/83	404	7.5	7.288	8.8	6.3	0.26	0.51	6.95	7.2	7.9	8.

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/65-10/14/83	404	0.032	0.052	0.501	0.002	0.004	0.067	0.01	0.013	0.063	0.113
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/65-08/07/80	2	65.	65.	68.	62.	18.	4.243	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/65-10/14/83	108	0.98	1.104	4.3	0.04	0.395	0.629	0.555	0.85	1.2	1.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/65-09/22/81	2	90.5	90.5	93.	88.	12.5	3.536	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/66-09/22/81	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/66-09/22/81	2	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/66-09/22/81	2	9.35	9.35	12.	6.7	14.045	3.748	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/65-09/22/81	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	08/19/65-09/22/81	2	17.5	17.5	21.	14.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/66-09/22/81	2	2.15	2.15	2.7	1.6	0.605	0.778	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/65-09/22/81	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/65-09/22/81	2	26.5	26.5	28.	25.	4.5	2.121	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/21/66-10/14/83	208	6.7	5.762	9.5	0.	5.787	2.406	1.4	3.9	7.4	8.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/21/66-09/22/81	2	134.5	134.5	145.	124.	220.5	14.849	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/65-09/22/81	2	0.215	0.215	0.23	0.2	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/65-09/22/81	107	4.3	4.594	19.	0.1	8.653	2.942	1.8	2.85	5.3	7.18

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

Station Inventory for Station: GWMP0114

NPS Station ID: GWMP0114 LAT/LON: 38.793003/ -77.037892 Agency: 21MD Date Created: 10/06/79
Location: 0.1 NM E OF JONES PT. UNDER BRIDGE IN MID-CHANNE FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XFB7677
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010025 RF1 Mile Point: 0.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010001004.25 RF3 Mile Point: 5.13 Distance from RF3: 0.32 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS 105.07 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
0.1 NM E OF JONES PT. UNDER BRIDGE IN MID-CHANNEL

Parameter Inventory for Station: GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	95	19.5	17.011	33.	1.8	80.262	8.959	3.9	7.3	24.8	27.44
00023	SAMPLE WEIGHT IN POUNDS	10/01/81-10/01/81	4	0.08	0.083	0.1	0.07	0.	0.013	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	10/01/81-10/01/81	4	5.2	5.275	5.7	5.	0.096	0.31	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/74-10/02/78	46	13.5	21.13	100.	3.	524.638	22.905	5.7	8.375	21.	38.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/17/75-10/02/78	18	0.6	0.644	1.7	0.2	0.094	0.307	0.29	0.5	0.7	0.98
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	92	292.	305.815	510.	99.	13641.229	116.796	144.3	210.	390.	470.
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	94	8.7	8.398	14.8	0.6	15.064	3.881	2.1	5.175	11.5	12.9
00340	COD, .25N K2CR2O7 MG/L	05/10/76-04/17/78	3	9.	12.667	29.	0.	220.333	14.844	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/74-10/02/78	50	7.6	7.698	10.5	4.2	0.831	0.912	7.	7.2	7.925	8.79
00400	CONVERTED PH (STANDARD UNITS)	07/08/74-10/02/78	50	7.6	5.886	10.5	4.2	4.18	2.044	7.	7.2	7.925	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/74-10/02/78	50	0.025	1.299	63.096	0.	79.527	8.918	0.002	0.012	0.063	0.1
00403	PH, LAB, STANDARD UNITS SU	09/03/74-10/02/78	33	7.8	7.836	9.1	6.6	0.292	0.541	7.24	7.6	8.1	8.66
00403	CONVERTED PH, LAB, STANDARD UNITS	09/03/74-10/02/78	33	7.8	7.51	9.1	6.6	0.402	0.634	7.24	7.6	8.1	8.66
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/74-10/02/78	33	0.016	0.031	0.251	0.001	0.003	0.053	0.002	0.008	0.025	0.058
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	86	0.2	0.192	1.5	0.03	0.042	0.205	0.1	0.1	0.2	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/74-10/02/78	27	18.	32.019	122.	0.5	1242.086	35.243	1.8	10.	46.	104.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/74-10/02/78	49	0.21	0.376	1.6	0.01	0.171	0.414	0.03	0.07	0.65	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/03/74-10/02/78	38	0.02	0.064	0.383	0.004	0.009	0.094	0.006	0.011	0.057	0.216
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/03/74-10/02/78	38	1.07	0.989	2.04	0.2	0.188	0.434	0.314	0.63	1.223	1.543
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/74-10/02/78	49	0.77	0.866	1.87	0.2	0.202	0.45	0.25	0.54	1.12	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/74-10/02/78	50	0.12	0.196	1.14	0.03	0.036	0.191	0.061	0.09	0.223	0.476
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/03/74-10/02/78	50	10.25	11.914	39.	0.5	78.043	8.834	2.92	5.	15.25	23.9
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/81-10/01/81	4	0.1	0.096	0.16	0.025	0.003	0.055	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/03/74-05/31/78	13	4300.	17566.154	75000.	230.	603948408.974	24575.362	310.	2300.	43000.	62200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/03/74-05/31/78	13	3.633	3.719	4.875	2.362	0.607	0.779	2.47	3.362	4.633	4.778
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5236.298								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-05/31/78	13	750.	2168.192	9300.	1.5	7613406.064	2759.24	3.7	84.	4300.	7300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/74-05/31/78	13	2.875	2.638	3.968	0.176	1.348	1.161	0.444	1.922	3.633	3.834
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			434.035								
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/01/81-10/01/81	4	## 0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/01/81-10/01/81	4	0.247	0.253	0.453	0.066	0.034	0.184	**	**	**	**

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

Parameter Inventory for Station: GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/01/81-10/01/81	4	0.116	0.114	0.172	0.052	0.003	0.055	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.003	0.001	0.	0.001	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/81-10/01/81	4 ##	0.002	0.002	0.004	0.001	0.	0.002	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	10/01/81-10/01/81	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/81-10/01/81	4	0.006	0.005	0.007	0.001	0.	0.003	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	4	0.03	0.041	0.1	0.002	0.002	0.042	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/01/81-10/01/81	4	0.02	0.022	0.04	0.007	0.	0.014	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/01/81-10/01/81	4	0.008	0.01	0.02	0.004	0.	0.007	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/76-05/31/78	19	218.	317.842	1570.	129.	114697.251	338.67	130.	159.	278.	800.
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/81-10/01/81	4	0.06	0.085	0.2	0.02	0.007	0.083	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	4	1.3	1.413	2.8	0.25	1.427	1.195	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	4	0.585	2.176	7.53	0.005	12.821	3.581	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	4	16.	17.675	28.4	10.3	59.302	7.701	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/81-10/01/81	4 ##	0.625	0.75	1.5	0.25	0.375	0.612	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/81-10/01/81	4	0.14	0.185	0.41	0.05	0.024	0.156	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/01/81-10/01/81	4	15.5	17.25	25.	13.	28.25	5.315	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/81-10/01/81	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	46	3	0.07	15	0	0.00	16	3	0.19	15	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	94	15	0.16	32	11	0.34	30	0	0.00	32	4	0.13			
00400	PH	Other-Hi Lim.	9.	50	2	0.04	17	0	0.00	11	0	0.00	22	2	0.09			
		Other-Lo Lim.	6.5	50	1	0.02	17	1	0.06	11	0	0.00	22	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	33	2	0.06	13	0	0.00	9	2	0.22	11	0	0.00			
		Other-Lo Lim.	6.5	33	0	0.00	13	0	0.00	9	0	0.00	11	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	11	0.85	2	2	1.00	6	6	1.00	5	3	0.60			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	9	0.69	2	2	1.00	6	4	0.67	5	3	0.60			

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

Annual Analysis for 1974 - Station GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	7	27.4	18.143	28.1	5.5	139.913	11.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	6	327.5	332.5	475.	195.	21647.5	147.131	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	6	8.15	6.883	11.5	0.9	27.242	5.219	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	6	0.2	0.175	0.25	0.1	0.004	0.061	**	**	**	**

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Annual Analysis for 1975 - Station GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	21	15.8	14.733	26.2	1.8	76.241	8.732	3.56	6.35	24.	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	19	251.	228.474	300.	140.	4187.041	64.707	140.	152.	292.	299.
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	21	9.5	9.629	13.2	5.4	5.495	2.344	6.	7.9	11.6	12.56
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	19	0.1	0.263	1.5	0.03	0.18	0.424	0.03	0.1	0.2	1.4

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

Annual Analysis for 1976 - Station GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	20	18.75	15.685	25.3	3.	69.146	8.315	3.06	7.5	22.75	25.27
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	20	290.	283.75	458.	142.	7021.25	83.793	144.7	228.75	318.75	417.
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	20	9.4	9.63	14.8	4.5	7.742	2.782	6.53	7.425	11.9	14.4
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	21	0.2	0.193	0.25	0.1	0.003	0.058	0.1	0.15	0.25	0.25

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Annual Analysis for 1977 - Station GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	33	23.8	18.818	33.	3.8	92.724	9.629	3.9	9.6	24.85	29.68
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	33	379.	351.333	510.	99.	19388.229	139.242	101.	227.5	470.	501.
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	33	6.	6.733	13.4	0.6	21.037	4.587	1.48	2.2	11.6	13.26
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	29	0.2	0.172	0.2	0.1	0.002	0.045	0.1	0.1	0.2	0.2

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

Annual Analysis for 1978 - Station GWMP0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-10/02/78	14	20.3	17.493	26.6	7.	48.868	6.991	7.	11.95	22.575	26.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/74-10/02/78	14	300.	323.571	480.	225.	7959.341	89.215	225.	267.5	365.	477.5
00300	OXYGEN, DISSOLVED MG/L	07/08/74-10/02/78	14	11.	9.364	13.	4.2	11.853	3.443	4.3	5.175	11.975	13.
00480	SALINITY - PARTS PER THOUSAND	09/03/74-10/02/78	11	0.1	0.127	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2

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Station Inventory for Station: GWMP0115

NPS Station ID: GWMP0115
LAT/LON: 38.793059/ -77.038060
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER, WOODROW WILSON BR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-005 /005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 0.620
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.54
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	139	22.	19.365	32.	1.8	67.435	8.212	5.5	14.	25.5	28.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	41	18.	21.834	75.	2.2	216.93	14.729	8.1	13.25	28.5	44.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/30/80	20	11.5	14.73	35.	6.	86.826	9.318	7.46	8.625	16.5	35.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	52	18.5	19.692	62.	5.	82.57	9.087	11.3	14.25	23.	28.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	27	0.61	0.606	1.	0.23	0.042	0.206	0.266	0.43	0.76	0.862
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	18	363.5	345.722	417.	200.	3521.742	59.344	245.	317.25	385.	410.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/74-07/07/75	13	239.	443.923	1700.	140.	301799.744	549.363	140.	173.5	299.5	1680.
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/17/75	11	0.3	0.227	0.3	0.	0.01	0.098	0.03	0.15	0.3	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	12	5.6	5.933	8.9	4.2	1.822	1.35	4.23	5.15	6.55	8.54
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	135	7.4	7.562	13.9	2.	10.177	3.19	2.8	5.4	10.1	11.98
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	40	3.	3.543	23.4	0.4	12.47	3.531	1.2	1.9	4.3	5.07
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	26	7.35	7.272	7.97	6.4	0.168	0.41	6.57	6.99	7.563	7.8
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	26	7.347	7.071	7.97	6.4	0.21	0.458	6.57	6.99	7.562	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	26	0.045	0.085	0.398	0.011	0.009	0.097	0.016	0.027	0.102	0.271
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/30/80	9	0.08	0.081	0.1	0.06	0.	0.015	0.06	0.065	0.095	0.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	27	0.357	0.781	6.54	0.053	1.574	1.255	0.062	0.155	0.88	1.754
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	100	0.419	0.704	2.55	0.045	0.432	0.658	0.14	0.178	1.178	1.703
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	29	0.063	0.112	0.49	0.005	0.012	0.109	0.012	0.037	0.198	0.236
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	29	0.91	1.036	4.27	0.09	0.578	0.76	0.5	0.595	1.26	1.7
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	31	0.796	1.104	9.08	0.001	2.485	1.577	0.229	0.467	1.14	2.118
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	129	1.062	1.351	9.93	0.224	1.346	1.16	0.564	0.756	1.667	2.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	99	0.95	0.976	4.2	0.16	0.323	0.568	0.47	0.72	1.16	1.36
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	112	0.675	0.926	4.73	0.15	0.559	0.748	0.32	0.43	1.278	1.812
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	13	0.19	0.181	0.32	0.05	0.008	0.087	0.062	0.1	0.245	0.316
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	99	0.35	0.589	2.97	0.07	0.364	0.604	0.14	0.2	0.72	1.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	18	0.119	0.172	0.64	0.094	0.022	0.149	0.101	0.11	0.137	0.514
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	18	0.057	0.091	0.46	0.034	0.01	0.099	0.041	0.051	0.078	0.219
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	18	0.042	0.069	0.4	0.012	0.008	0.092	0.023	0.033	0.049	0.212
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	109	6.4	6.472	16.6	1.6	7.23	2.689	3.4	4.5	7.7	10.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	9	2.4	2.189	4.3	0.5	2.864	1.692	0.5	0.5	3.85	4.3
00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	1	34.1	34.1	34.1	34.1	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	70	22.9	23.129	39.2	6.9	39.668	6.298	16.38	18.9	27.05	30.58
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	2825.	2871.	3920.	1970.	440606.	663.782	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	4015.	4015.	7900.	130.	30186450.	5494.22	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.006	3.006	3.898	2.114	1.591	1.261	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1013.41								

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Parameter Inventory for Station: GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	1300.	1236.333	2400.	9.	1432260.333	1196.771	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	3.114	2.483	3.38	0.954	1.77	1.33	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			303.948								
32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	11	0.022	0.027	0.067	0.	0.001	0.026	0.001	0.003	0.058	0.066
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.17	0.17	0.19	0.15	0.001	0.028	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.123	0.12	0.273	0.02	0.007	0.082	0.02	0.044	0.183	0.257

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EPA Water Quality Criteria Analysis for Station: GWMP0115

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	41	2	0.05	15	1	0.07	10	0	0.00	16	1	0.06			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	20	0	0.00	16	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	11	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	135	18	0.13	52	14	0.27	26	0	0.00	57	4	0.07			
00400	PH	Other-Hi Lim.	9.	26	0	0.00	15	0	0.00	3	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	26	2	0.08	15	2	0.13	3	0	0.00	8	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	23	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	29	0	0.00	23	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	99	0	0.00	32	0	0.00	25	0	0.00	42	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

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

Annual Analysis for 1970 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	28	23.25	20.011	27.	5.5	44.246	6.652	7.8	17.05	24.875	25.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	26	6.4	6.465	11.9	2.	9.27	3.045	2.24	4.175	8.375	10.86
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	24	0.371	0.661	2.46	0.056	0.528	0.726	0.116	0.154	0.794	2.055
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	23	1.206	1.468	3.182	0.292	0.636	0.798	0.549	0.899	2.25	2.793
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	24	0.89	1.161	4.2	0.53	0.874	0.935	0.59	0.773	1.135	2.64
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.88	1.325	3.41	0.23	0.944	0.972	0.275	0.663	2.085	2.97
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	24	0.6	0.973	2.97	0.14	0.897	0.947	0.155	0.35	1.19	2.935
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	17	6.5	7.253	13.2	4.5	5.78	2.404	4.74	5.45	8.5	11.44
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	7	10.8	18.4	39.2	6.9	156.57	12.513	**	**	**	**

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

Annual Analysis for 1971 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	21	18.1	17.41	29.	2.5	55.181	7.428	4.1	13.25	22.35	28.3
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	22	7.2	7.441	13.9	2.	11.383	3.374	2.63	5.425	10.	13.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	12	0.691	0.904	2.141	0.174	0.564	0.751	0.176	0.219	1.664	2.114
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	2.21	2.172	7.79	0.224	4.023	2.006	0.286	0.786	2.73	6.295
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	11	0.74	0.761	1.36	0.22	0.172	0.415	0.22	0.39	1.04	1.352
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	1.54	1.538	4.73	0.32	1.448	1.203	0.332	0.54	2.048	3.959
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	11	0.62	0.848	1.83	0.25	0.292	0.541	0.252	0.37	1.32	1.73
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	10	6.05	5.98	10.7	1.6	7.866	2.805	1.72	4.	7.675	10.57

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

Annual Analysis for 1972 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	14.5	16.453	25.5	3.	69.233	8.321	3.48	8.	24.5	25.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	15	8.1	8.607	13.9	2.3	15.211	3.9	2.36	5.6	12.7	13.84
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	15	0.207	0.72	2.	0.045	0.557	0.746	0.051	0.175	1.42	1.94
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	0.752	1.166	2.16	0.41	0.527	0.726	0.416	0.6	1.987	2.137
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	15	1.16	1.033	1.45	0.47	0.148	0.385	0.482	0.56	1.42	1.444
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	15	0.52	0.759	1.54	0.25	0.214	0.463	0.298	0.37	1.21	1.468
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	15	0.28	0.41	1.06	0.08	0.093	0.304	0.08	0.16	0.69	0.856
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	15	6.6	7.627	16.6	4.1	11.391	3.375	4.28	5.6	7.9	13.9
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	15	21.9	22.267	30.6	16.	20.33	4.509	16.06	18.9	26.6	29.76

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

Annual Analysis for 1973 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.5	17.278	27.	4.5	58.036	7.618	4.95	10.75	26.	26.55
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	18	8.65	7.75	13.1	2.8	10.886	3.299	3.43	5.1	10.325	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	18	0.37	0.801	2.55	0.055	0.595	0.771	0.1	0.151	1.229	2.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	1.1	1.274	2.551	0.302	0.4	0.633	0.355	0.821	1.731	2.358
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	18	0.955	0.902	1.7	0.32	0.167	0.409	0.338	0.49	1.118	1.664
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.895	0.911	1.72	0.15	0.285	0.534	0.186	0.438	1.428	1.585
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	18	0.39	0.534	1.05	0.07	0.142	0.377	0.088	0.165	0.955	1.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	18	6.15	6.856	13.5	4.1	6.626	2.574	4.19	4.875	8.3	11.34
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	18	24.5	23.772	31.7	17.1	20.896	4.571	17.73	18.6	27.55	31.07

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

Annual Analysis for 1974 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	22.5	16.983	29.	2.	124.431	11.155	2.	5.5	26.	29.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	12	8.45	8.608	13.6	2.4	13.763	3.71	2.97	5.05	11.475	13.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	12	0.47	0.584	1.375	0.209	0.15	0.388	0.214	0.27	0.782	1.337
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.913	1.099	1.871	0.763	0.156	0.395	0.763	0.815	1.517	1.807
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	12	0.83	0.741	1.14	0.16	0.14	0.374	0.163	0.345	1.063	1.137
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.745	0.815	1.29	0.5	0.074	0.271	0.518	0.573	1.093	1.26
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	12	0.365	0.452	0.87	0.1	0.069	0.263	0.127	0.28	0.71	0.87
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	12	6.6	6.858	9.8	4.5	2.428	1.558	4.71	5.625	8.25	9.41
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	12	20.7	20.983	24.5	16.3	9.278	3.046	16.75	18.2	24.175	24.47

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

Annual Analysis for 1975 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	24.	18.153	29.5	1.8	106.414	10.316	2.82	7.	26.2	28.6
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	15	7.7	8.12	13.2	3.6	9.863	3.141	3.96	5.4	11.3	12.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	15	0.391	0.559	1.465	0.146	0.203	0.451	0.148	0.165	0.832	1.39
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	1.002	1.066	1.909	0.582	0.221	0.47	0.588	0.661	1.571	1.884
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	15	1.13	1.056	1.28	0.8	0.031	0.176	0.8	0.9	1.24	1.274
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	15	0.54	0.621	1.34	0.34	0.072	0.268	0.364	0.41	0.72	1.136
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	15	0.24	0.249	0.57	0.1	0.013	0.113	0.118	0.18	0.3	0.432
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	15	6.9	6.507	10.1	3.1	4.846	2.201	3.28	4.8	7.9	9.62
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	15	25.6	25.54	36.4	18.9	33.14	5.757	18.96	20.4	29.9	35.02

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

Annual Analysis for 1976 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	17.	17.	29.	5.	288.	16.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	2	10.35	10.35	12.1	8.6	6.125	2.475	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	0.521	0.521	0.8	0.241	0.156	0.395	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.934	0.934	1.122	0.746	0.071	0.266	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	0.94	0.94	1.16	0.72	0.097	0.311	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.405	0.405	0.54	0.27	0.036	0.191	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.125	0.125	0.14	0.11	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	6.2	6.2	6.4	6.	0.08	0.283	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**

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

Annual Analysis for 1977 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	21.95	21.95	28.9	15.	96.605	9.829	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	2	4.05	4.05	5.9	2.2	6.845	2.616	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	1.024	1.024	1.5	0.548	0.453	0.673	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	1.801	1.801	1.994	1.607	0.075	0.274	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	1.045	1.045	1.59	0.5	0.594	0.771	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.595	0.595	0.66	0.53	0.008	0.092	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.225	0.225	0.28	0.17	0.006	0.078	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	2	8.7	8.7	8.9	8.5	0.08	0.283	**	**	**	**

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

Annual Analysis for 1977 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	29.8	29.8	29.8	29.8	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	24.4	23.	29.8	15.	22.684	4.763	15.81	18.1	27.15	29.17
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	11	8.9	8.482	10.2	6.2	2.102	1.45	6.26	6.7	9.6	10.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.632	0.712	1.272	0.357	0.096	0.31	0.36	0.441	0.856	1.264
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.37	0.38	0.49	0.25	0.006	0.077	0.262	0.323	0.438	0.49
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	8	4.4	4.488	7.3	1.6	2.816	1.678	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	1	38.1	38.1	38.1	38.1	0.	0.	**	**	**	**

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

Annual Analysis for 1980 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	9	29.2	28.167	32.	21.9	9.83	3.135	21.9	25.9	30.4	32.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	8	5.3	5.325	6.9	4.2	0.702	0.838	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	10	1.314	2.316	9.93	0.84	7.389	2.718	0.865	1.169	2.274	9.168
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	10	3.05	3.89	12.4	1.6	9.499	3.082	1.68	2.4	3.9	11.55

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

Annual Analysis for 1981 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.6	24.92	29.	18.6	14.587	3.819	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	4	7.7	7.675	9.8	5.5	3.509	1.873	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	8	0.972	0.96	1.189	0.761	0.029	0.17	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	57	25.5	24.742	32.	14.	19.854	4.456	16.8	24.	27.6	29.54
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	20	21.	19.05	30.	5.	41.208	6.419	10.2	14.	22.75	29.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	52	5.4	5.285	10.2	2.	4.924	2.219	2.3	3.65	6.65	8.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	26	3.9	4.396	23.4	0.4	16.784	4.097	1.77	2.7	4.55	5.77
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	15	7.07	7.024	7.55	6.4	0.117	0.342	6.46	6.8	7.3	7.478
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	15	7.07	6.894	7.55	6.4	0.136	0.368	6.46	6.8	7.3	7.478
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	15	0.085	0.128	0.398	0.028	0.012	0.11	0.034	0.05	0.158	0.349
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	33	1.134	1.065	2.55	0.143	0.576	0.759	0.184	0.316	1.483	2.282
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	25	0.829	1.257	9.08	0.001	2.966	1.722	0.242	0.52	1.215	2.269
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	56	1.349	1.643	9.93	0.366	1.717	1.31	0.643	0.984	1.992	2.469
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	32	0.81	1.022	4.2	0.16	0.805	0.897	0.326	0.493	1.228	1.545
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	41	0.72	1.063	3.41	0.25	0.617	0.786	0.35	0.49	1.385	2.544
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	32	0.61	0.852	2.97	0.15	0.717	0.847	0.233	0.28	0.938	2.888
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	46	6.65	6.946	16.6	1.6	10.671	3.267	2.85	3.9	8.975	11.4
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	27	27.5	27.9	39.2	21.4	24.797	4.98	21.9	23.5	30.6	36.74

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	25	5.5	5.928	12.	1.8	9.751	3.123	2.	3.25	8.65	10.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	10	21.	24.9	62.	6.	295.656	17.195	6.	12.75	33.5	60.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	26	12.	12.004	13.9	10.	1.879	1.371	10.17	10.475	13.3	13.83
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	3	7.5	7.567	7.7	7.5	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	3	7.5	7.557	7.7	7.5	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	3	0.032	0.028	0.032	0.02	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	25	0.209	0.484	1.63	0.045	0.23	0.479	0.055	0.162	0.798	1.348
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	25	0.763	0.844	1.627	0.224	0.12	0.346	0.337	0.625	1.084	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	25	1.15	1.181	1.7	0.83	0.048	0.22	0.912	1.03	1.295	1.534
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	25	0.54	0.735	2.36	0.15	0.317	0.563	0.226	0.36	0.89	1.71
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	25	0.28	0.409	1.25	0.07	0.131	0.363	0.08	0.165	0.615	1.126
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	25	5.7	5.656	9.8	1.6	3.264	1.807	3.58	4.4	6.8	8.18
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	17	20.	20.535	27.7	16.	13.122	3.622	16.08	17.65	22.95	26.58

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	57	19.5	19.882	29.	7.	31.84	5.643	10.9	17.	24.75	26.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	22	18.	17.909	26.	11.	19.896	4.461	12.	14.75	20.75	24.7
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/04/81	57	7.7	7.614	11.9	2.6	5.049	2.247	4.62	6.3	8.85	11.06
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	14	2.	1.957	4.2	0.6	0.967	0.983	0.7	1.2	2.275	3.85
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	8	7.6	7.628	7.97	7.3	0.048	0.218	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	8	7.6	7.581	7.97	7.3	0.05	0.224	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	8	0.025	0.026	0.05	0.011	0.	0.013	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	42	0.324	0.551	2.141	0.056	0.301	0.549	0.123	0.163	0.688	1.605
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	6	0.43	0.463	0.796	0.1	0.068	0.261	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	48	0.95	1.275	7.79	0.292	1.352	1.163	0.419	0.684	1.593	2.413
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	42	0.815	0.82	1.28	0.22	0.083	0.287	0.39	0.64	1.06	1.182
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	46	0.615	0.907	4.73	0.23	0.623	0.789	0.315	0.415	1.18	1.893
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	42	0.355	0.495	1.83	0.1	0.168	0.41	0.14	0.168	0.675	1.102
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/30/80	38	6.2	6.434	13.5	1.6	5.276	2.297	4.03	5.1	7.225	9.53
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	26	19.7	19.869	29.8	6.9	35.089	5.924	9.38	17.8	24.825	27.11

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

Station Inventory for Station: GWMP0116

NPS Station ID: GWMP0116
LAT/LON: 38.793059/ -77.038060
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC R. AT WOODROW WILSON BR.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-005 /005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 0.620
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070011007802.73
RF3 Mile Point: 2.73
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0116

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

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

Station Inventory for Station: GWMP0117

NPS Station ID: GWMP0117
Location: POTOMAC R. WOODROW WILSON BR.
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010025
RF3 Index: 02070010002502.07
Description:

LAT/LON: 38.793059/ -77.038060

Depth of Water: 1
Elevation: 0

RF1 Mile Point: 0.620
RF3 Mile Point: 2.42

Agency: 1113TIWQ
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 005 /005 /POTO-05
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.17

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0117

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

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

Station Inventory for Station: GWMP0118

NPS Station ID: GWMP0118
LAT/LON: 38.793059/ -77.083892
Agency: 112WRD
Date Created: / /
Location: PIKE BRANCH AT ALEXANDRIA, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653210
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 12.90
On/Off RF1:
RF3 Index: 02070010058600.00
RF3 Mile Point: 0.23
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	2	28.25	28.25	30.5	26.	10.125	3.182	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	2	15.5	15.5	25.	6.	180.5	13.435	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	2	174.	174.	200.	148.	1352.	36.77	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	32.	32.	34.	30.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	2	33.5	33.5	42.	25.	144.5	12.021	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	52.	52.	58.	46.	72.	8.485	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	2	24.5	24.5	26.	23.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	2	14.5	14.5	16.	13.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	2	3.75	3.75	4.3	3.2	0.605	0.778	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	2	10.05	10.05	13.	7.1	17.405	4.172	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-08/04/77	2	27.5	27.5	31.	24.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	2	4.	4.	4.5	3.5	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	2	21.5	21.5	24.	19.	12.5	3.536	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	2	7.9	7.9	8.3	7.5	0.32	0.566	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	2	130.	130.	230.	30.	20000.	141.421	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	2	123.5	123.5	145.	102.	924.5	30.406	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	2	95.5	95.5	107.	84.	264.5	16.263	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	2	0.1	0.1	0.14	0.06	0.003	0.057	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	2	0.17	0.17	0.2	0.14	0.002	0.042	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	1	1.00							1	1	1.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0119

NPS Station ID: GWMP0119
LAT/LON: 38.793615/ -77.018616
Agency: 21MD30WQ
Date Created: / /
Location: MID-CHANNEL WOOD WILSON BRDG 495
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-101.7 /PG-4 /MD-10
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0101.70
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 0.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001004.25
RF3 Mile Point: 5.13
Distance from RF3: 0.22
On/Off RF3:
Description:
SAMPLED BY MARYLAND DEPARTMENT OF WATER RESOURCES AT MID-CHANNEL OFF WOO DROW WILSON BRIDGE ON 495 CAPITAL BELTWAY

Parameter Inventory for Station: GWMP0119

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

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

Station Inventory for Station: GWMP0120

NPS Station ID: GWMP0120
LAT/LON: 38.793615/ -77.037781
Agency: 1113POTS
Date Created: / /
Location: PO.R. WOODROW WILSON BR. WASH,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 009 /009 /5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 0.620
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.22
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	11.5	11.618	16.	8.5	4.829	2.198	8.9	9.75	12.25	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	25	2.07	1.963	4.2	0.902	0.429	0.655	1.014	1.54	2.215	2.398
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	24	0.395	0.486	1.03	0.22	0.039	0.198	0.32	0.37	0.63	0.81
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	59	2.19	2.416	4.94	1.03	1.239	1.113	1.14	1.86	2.42	4.84
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	3.21	3.337	3.86	2.94	0.224	0.473	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0120

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00				24	0	0.00						

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

Station Inventory for Station: GWMP0121

NPS Station ID: GWMP0121
LAT/LON: 38.793615/ -77.037781
Agency: 1113UPBA
Date Created: / /
Location: PO.R. WOODROW WILSON BR. D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 013 /013 /10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 0.620
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.22
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-03/13/67	11	5.	5.227	8.5	2.	3.618	1.902	2.2	4.5	6.	8.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/13/67	15	91800.	306120.	1609000.	7000.289396478857.143		537955.834	7720.	24000.	260000.	1609000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-03/13/67	15	4.963	4.937	6.207	3.845	0.548	0.74	3.886	4.38	5.415	6.207
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			86563.073								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/13/67	16	25600.	156912.5	1609000.	1000.155934099833.333		394884.92	1070.	4475.	129250.	650700.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-03/13/67	16	4.384	4.385	6.207	3.	0.85	0.922	3.029	3.532	5.105	5.628
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			24265.151								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/13/67	14	4450.	4657.143	10900.	500.	14831868.132	3851.216	500.	800.	8000.	10900.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-03/13/67	14	3.646	3.451	4.037	2.699	0.259	0.509	2.699	2.903	3.903	4.037
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			2827.167								

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

EPA Water Quality Criteria Analysis for Station: GWMP0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	15	15	1.00				15	15	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	15 &	15	1.00				15	15	1.00						

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

Station Inventory for Station: GWMP0122

NPS Station ID: GWMP0122 | LAT/LON: 38.793615/ -77.038060 | Agency: 111230WQ | Date Created: / /
Location: POTOMAC R AT WOODROW WILSON BR. | | FIPS State/County: 24000 MARYLAND/ |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): POT-94.70 |
RMI-Indexes: 0214001 | | Within Park Boundary: No |
RMI-Miles: 0094.70 | | |
HUC: 02070010 | Depth of Water: 30 | Aquifer: |
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id: |
Minor Basin: POTOMAC | | ECO Region: |
RF1 Index: 02070010027 | RF1 Mile Point: 1.160 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010002200.58 | RF3 Mile Point: 0.59 | Distance from RF3: 0.41 | On/Off RF3:

Description:
THIS STATION WAS SAMPLED FOR THE NUTRIENT TRANSPORT STUDY. IT IS LOCATED IN THE MIDDLE CHANNEL OF THE POTOMAC ESTUARY APPROX. 94.7 MILES UPSTREAM FROM THE CHESAPEAKE BAY AT THE WOODROW WILSON BRIDGE, WASHINGTON, D. C. THIS LOCATION WAS DETERMINED BY US C^GS CHART NO. 560.

Parameter Inventory for Station: GWMP0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	48	16.	15.165	31.5	0.	96.984	9.848	2.53	5.125	25.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	44	19.	19.432	36.	8.	41.646	6.453	10.5	14.	24.	27.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/26/69-02/10/70	20	1.135	1.322	3.12	0.118	0.719	0.848	0.165	0.71	1.895	2.624
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	47	1.8	1.982	5.14	0.058	1.219	1.104	0.676	1.06	2.79	3.456
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	51	0.77	0.789	2.25	0.001	0.202	0.449	0.174	0.44	1.09	1.346
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	50	1.42	1.681	4.64	0.11	1.122	1.059	0.439	0.857	2.435	3.075
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/26/69-02/10/70	21	1.33	1.39	3.55	0.04	1.143	1.069	0.112	0.4	2.12	3.282
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/26/69-03/23/70	34	0.795	1.208	2.9	0.04	0.846	0.92	0.165	0.44	2.16	2.495
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/23/70	34	6.2	6.629	16.4	2.2	9.379	3.063	3.	4.4	8.525	10.05
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	12	6.9	7.133	11.6	1.8	12.815	3.58	2.1	3.45	10.9	11.54
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	50	1.15	1.111	2.8	0.001	0.633	0.796	0.1	0.375	1.75	2.29

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

EPA Water Quality Criteria Analysis for Station: GWMP0122

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	51	0	0.00	15	0	0.00	22	0	0.00	14	0	0.00			

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

Station Inventory for Station: GWMP0123

NPS Station ID: GWMP0123
LAT/LON: 38.793892/ -77.052504
Agency: 1113UPBA
Date Created: / /
Location: PO.R. ALEXANDRIA STP EFFLUENT
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 034 /034 /STP C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 0.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070011008900.49
RF3 Mile Point: 3.19
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	16	9180000.	9960000.	17200000.	1720000.	**********	5078070.5	2952000.	5420000.	16090000.	16423000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	16	6.963	6.928	7.236	6.236	0.079	0.281	6.45	6.734	7.207	7.215
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8473904.755								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	16	750000.	1926250.	9180000.	40000.	**********	2476952.092	47000.	362500.	3210000.	6548000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	16	5.874	5.891	6.963	4.602	0.485	0.696	4.67	5.555	6.501	6.803
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			777479.758								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	16	230000.	372187.5	1090000.	80000.95689095833.333		309336.541	80000.	130000.	529000.	969600.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	16	5.362	5.43	6.037	4.903	0.134	0.367	4.903	5.114	5.723	5.985
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			269229.159								

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

EPA Water Quality Criteria Analysis for Station: GWMP0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	16	1.00				16	16	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	16	16	1.00				16	16	1.00						

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

Station Inventory for Station: GWMP0124

NPS Station ID: GWMP0124 LAT/LON: 38.794170/ -77.060004 Agency: 21VASWCB Date Created: / /
Location: ALEXANDRIA STP EFFLUENT FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHUT000.57 /VA1A06-X0059/VA1A3X0059
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010042 RF1 Mile Point: 0.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010004200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: HUNTING CREEK SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA-DC-MD

Parameter Inventory for Station: GWMP0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	32	18.9	19.066	26.7	4.4	28.982	5.384	12.95	15.6	24.125	25.95
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	32	6.6	6.766	10.4	3.2	2.6	1.612	4.52	5.775	7.725	9.14
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	31	33.	41.661	175.	2.	1281.49	35.798	9.2	18.	48.	88.
00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.953	7.5	6.4	0.061	0.246	6.56	6.8	7.1	7.27
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.883	7.5	6.4	0.066	0.256	6.56	6.8	7.1	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	32	0.1	0.131	0.398	0.032	0.007	0.083	0.054	0.079	0.158	0.281
00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/74-04/15/74	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/74-04/15/74	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	2	344.	344.	411.	277.	8978.	94.752	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	2	149.5	149.5	206.	93.	6384.5	79.903	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	2	194.5	194.5	205.	184.	220.5	14.849	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	34.	36.452	88.	5.	503.456	22.438	8.6	20.	54.	78.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	18.	23.452	80.	2.	371.589	19.277	4.	9.	32.	49.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	11.	13.	34.	3.	83.267	9.125	3.	4.	20.	26.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	19.5	18.598	30.	0.05	49.925	7.066	7.5	14.25	23.375	27.75
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.01	0.04	0.16	0.005	0.002	0.049	0.005	0.005	0.058	0.141
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.365	0.646	7.	0.02	1.417	1.19	0.151	0.265	0.64	1.042
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	31	26.	25.629	43.	17.5	26.633	5.161	19.2	21.	28.	30.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	2	19.	19.	38.	0.	722.	26.87	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3	5.	4.5	6.	2.5	3.25	1.803	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	5.4	7.	5.	0.8	0.894	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10	10.	19.2	50.	5.	243.067	15.591	5.2	9.25	32.5	49.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10	55.	53.5	110.	5.	1344.722	36.67	6.5	20.	85.	109.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	30.	37.778	110.	5.	1263.194	35.541	5.	7.5	60.	110.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10	115.	113.	250.	20.	5756.667	75.873	22.	47.5	165.	246.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-07/17/74	30	1550.	4750.	60000.	50.	116717068.966	10803.567	50.	50.	6000.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-07/17/74	30	3.19	2.959	4.778	1.699	0.907	0.952	1.699	1.699	3.778	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			909.243								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/01/72-08/29/74	13	1.2	1.123	2.4	0.	0.322	0.567	0.24	0.75	1.4	2.04

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

Parameter Inventory for Station: GWMP0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	32	5.25	5.156	14.5	0.4	11.812	3.437	0.83	1.6	8.	9.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	32	3.95	3.914	11.	0.3	7.377	2.716	0.43	0.9	5.987	7.
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.275	0.5	0.25	0.006	0.079	0.25	0.25	0.25	0.475

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

EPA Water Quality Criteria Analysis for Station: GWMP0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	2	0.06	9	1	0.11	13	0	0.00	10	1	0.10			
00400	PH	Other-Hi Lim.	9.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	32	3	0.09	9	0	0.00	13	1	0.08	10	2	0.20			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	1	1.00	1	1	1.00									
		Drinking Water	5.	1 &	1	1.00	1	1	1.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	9	0.90	3	2	0.67	4	4	1.00	3	3	1.00			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	1	0.11	3	0	0.00	4	0	0.00	2	1	0.50			
		Drinking Water	15.	9	6	0.67	3	3	1.00	4	2	0.50	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	5	0.50	3	1	0.33	4	3	0.75	3	1	0.33			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	30	21	0.70	7	2	0.29	13	12	0.92	10	7	0.70			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	13	12	0.92	6	5	0.83	3	3	1.00	4	4	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0125

NPS Station ID: GWMP0125
LAT/LON: 38.794448/ -77.038337
Agency: 21MDEXP
Date Created: 06/27/81
Location: WOODROW WILSON BRIDGE-STATION 5
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078740724108
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 02070010001004.25
RF3 Mile Point: 4.35
Distance from RF3: 0.52
On/Off RF3:
Description:
WOODROW WILSON BRIDGE-STATION 5

Parameter Inventory for Station: GWMP0125

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

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

Station Inventory for Station: GWMP0126

NPS Station ID: GWMP0126 LAT/LON: 38.794726/ -77.037227 Agency: 21DCBAWQ Date Created: 09/13/86
Location: WOODROW WILSON BRIDGE, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS44
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0088.75
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010025 RF1 Mile Point: 0.870 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002500.00 RF3 Mile Point: 1.77 Distance from RF3: 0.21 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: WOODROW WILSON BRIDGE, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	310	23.7	19.77	31.5	0.	64.7	8.044	7.1	14.875	26.025	28.4
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	47	15.	45.319	100.	0.	2289.57	47.849	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	61	0.6	0.651	1.8	0.	0.101	0.318	0.22	0.5	0.8	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	257	306.	318.911	547.	119.	9404.965	96.979	201.6	231.	391.	452.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	314	7.1	7.325	16.4	1.3	6.423	2.534	5.2	6.	8.9	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	64	1.45	1.563	4.6	0.5	0.769	0.877	0.5	1.	2.2	2.65
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	288	7.4	7.455	8.6	6.7	0.133	0.365	7.1	7.2	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	288	7.4	7.336	8.6	6.7	0.148	0.384	7.1	7.2	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	288	0.04	0.046	0.2	0.003	0.001	0.031	0.013	0.025	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	71	74.	71.93	108.	36.	233.038	15.266	54.	62.	80.	93.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	53	13.	17.302	124.	2.	376.907	19.414	2.8	8.5	18.5	25.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	72	0.193	0.267	2.06	0.	0.097	0.311	0.06	0.095	0.32	0.497
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	72	0.022	0.043	0.223	0.005	0.002	0.049	0.005	0.014	0.044	0.134
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	72	1.63	1.691	3.2	0.35	0.295	0.543	1.066	1.375	1.893	2.607
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	49	0.59	0.685	1.68	0.222	0.1	0.317	0.329	0.445	0.939	1.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	46	0.073	0.08	0.202	0.02	0.001	0.038	0.037	0.052	0.101	0.129
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	45	0.039	0.044	0.095	0.005	0.	0.021	0.018	0.029	0.058	0.077
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	65	0.021	0.024	0.07	0.004	0.	0.018	0.004	0.009	0.036	0.055
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	52	3.6	3.86	12.6	0.5	3.472	1.863	1.93	2.725	4.8	5.87
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	68	3.5	3.474	7.	0.5	1.571	1.253	1.69	2.7	4.275	5.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	68	118.	119.574	194.	58.	668.786	25.861	87.8	102.	133.5	156.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	3	38.	42.	56.	32.	156.	12.49	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	45	2.5	2.253	3.7	0.4	1.043	1.021	0.78	1.4	3.2	3.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	19 ##	2.5	2.421	2.5	1.	0.118	0.344	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	19 ##	5.	5.132	10.	2.5	1.718	1.311	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	19 ##	11.	8.868	12.5	5.	14.329	3.785	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	19	500.	582.368	1594.	186.	139103.023	372.965	202.	323.	673.	1330.
01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	19 ##	25.	23.816	25.	2.5	26.645	5.162	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	18	23.	39.083	125.	2.5	1367.419	36.979	4.75	10.	54.	122.3
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	34	1300.	10420.941	120000.	20.	553264127.087	23521.567	140.	330.	11000.	39000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	34	3.114	3.229	5.079	1.301	0.794	0.891	2.136	2.519	4.041	4.556

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

Parameter Inventory for Station: GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1694.488								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	36	170.	1604.111	24000.	10.	23234519.302	4820.22	10.	42.5	490.	3780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	36	2.23	2.254	4.38	1.	0.778	0.882	1.	1.626	2.69	3.57
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			179.478								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	400.	544.	1160.	40.	288680.	537.289	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.602	2.414	3.064	1.602	0.474	0.688	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			259.661								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	1600.	7136.	20300.	280.	77121480.	8781.884	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.204	3.438	4.307	2.447	0.573	0.757	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2738.656								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	24	4.5	5.917	18.	0.5	32.536	5.704	0.5	0.625	9.75	16.5
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	24	3.	7.604	28.	0.5	81.804	9.045	0.5	1.	11.75	25.5
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	72	18.	25.778	174.	8.	847.978	29.12	10.	13.	23.	54.

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

EPA Water Quality Criteria Analysis for Station: GWMP0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	314	22	0.07	172	0	0.00	54	12	0.22	88	10	0.11			
00400	PH	Other-Hi Lim.	9.	288	0	0.00	154	0	0.00	55	0	0.00	79	0	0.00			
		Other-Lo Lim.	6.5	288	0	0.00	154	0	0.00	55	0	0.00	79	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	72	0	0.00	24	0	0.00	30	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	72	0	0.00	24	0	0.00	30	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	2	0.11	7	1	0.14	6	1	0.17	5	0	0.00			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33 &	18	0.55	11	5	0.45	13	9	0.69	9	4	0.44			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	17	0.47	13	5	0.38	13	9	0.69	10	3	0.30			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	3	0.60	3	2	0.67				2	1	0.50			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	72	8	0.11	24	1	0.04	30	3	0.10	18	4	0.22			

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

Annual Analysis for 1983 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	7.8	11.867	20.5	7.3	55.963	7.481	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	3	0.6	0.5	0.8	0.1	0.13	0.361	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	3	202.	213.667	320.	119.	10202.333	101.007	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.05	7.79	12.2	6.3	4.385	2.094	6.32	6.5	8.125	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	3	1.7	1.667	2.8	0.5	1.323	1.15	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	4	7.1	7.075	7.2	6.9	0.022	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	4	7.089	7.055	7.2	6.9	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	4	0.082	0.088	0.126	0.063	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	80.	68.667	82.	44.	457.333	21.385	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.095	0.738	2.06	0.058	1.312	1.145	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.01	0.025	0.059	0.005	0.001	0.03	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	1.59	1.22	1.72	0.35	0.572	0.756	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.045	0.037	0.061	0.004	0.001	0.03	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	3.9	4.4	5.5	3.8	0.91	0.954	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	25.	47.333	102.	15.	2266.333	47.606	**	**	**	**

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

Annual Analysis for 1984 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	37	24.5	21.522	30.2	0.	65.546	8.096	8.46	15.	28.05	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	5	0.5	0.46	0.7	0.2	0.043	0.207	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	15	231.	246.933	459.	120.	6146.495	78.4	138.6	230.	250.	393.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	37	7.1	7.616	16.4	4.3	6.49	2.547	4.3	6.7	9.	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	8	1.55	1.5	2.5	0.5	0.574	0.758	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.6	7.557	7.9	6.9	0.057	0.238	7.3	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.6	7.484	7.9	6.9	0.062	0.249	7.3	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.025	0.033	0.126	0.013	0.001	0.025	0.016	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	9	80.	74.667	98.	44.	321.	17.916	44.	60.	90.	98.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.095	0.303	1.31	0.027	0.168	0.41	0.027	0.05	0.41	1.31
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.016	0.024	0.058	0.005	0.	0.018	0.005	0.009	0.036	0.058
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	1.47	1.519	2.22	0.76	0.192	0.438	0.76	1.26	1.835	2.22
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	9	0.024	0.028	0.07	0.004	0.001	0.023	0.004	0.006	0.047	0.07
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	5	3.	2.84	4.2	1.	1.453	1.205	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	9	102.	107.111	140.	78.	544.111	23.326	78.	83.	131.	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	10	20.5	25.9	66.	8.	355.433	18.853	8.4	12.75	31.5	64.8

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

Annual Analysis for 1985 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	16	12.4	14.281	20.	5.3	18.546	4.306	10.13	12.3	19.9	20.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	2	0.55	0.55	0.7	0.4	0.045	0.212	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	16	267.	271.938	290.	235.	218.863	14.794	256.7	266.	290.	290.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	16	10.55	9.388	12.3	6.1	4.805	2.192	6.17	6.5	10.7	11.25
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	3 ##	0.5	0.767	1.3	0.5	0.213	0.462	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.7	7.75	7.9	7.7	0.005	0.067	7.7	7.7	7.8	7.87
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.7	7.745	7.9	7.7	0.005	0.068	7.7	7.7	7.8	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	12	0.02	0.018	0.02	0.013	0.	0.003	0.014	0.016	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	62.	61.333	64.	58.	9.333	3.055	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.072	0.166	0.405	0.02	0.044	0.209	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.015	0.041	0.098	0.011	0.002	0.049	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	1.75	2.19	3.2	1.62	0.769	0.877	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.034	0.037	0.056	0.021	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	2.8	2.4	3.9	0.5	3.01	1.735	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	3	118.	112.667	118.	102.	85.333	9.238	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	13.	24.667	48.	13.	408.333	20.207	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	49	23.7	21.996	28.6	1.9	46.894	6.848	10.	19.35	26.45	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.7	0.818	1.8	0.5	0.136	0.368	0.5	0.6	1.	1.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	48	389.	393.771	547.	233.	8557.968	92.509	305.	315.25	453.	547.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	47	7.1	6.862	13.6	2.5	4.114	2.028	5.2	5.5	7.3	8.84
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	12	1.95	1.767	3.3	0.5	1.059	1.029	0.5	0.625	2.625	3.21
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	47	7.3	7.521	8.6	7.	0.243	0.493	7.	7.2	8.	8.32
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	47	7.3	7.327	8.6	7.	0.282	0.531	7.	7.2	8.	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	47	0.05	0.047	0.1	0.003	0.001	0.034	0.005	0.01	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	73.	73.833	94.	56.	155.242	12.46	57.2	61.	85.5	92.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.181	0.204	0.505	0.	0.022	0.147	0.02	0.081	0.323	0.461
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.03	0.064	0.175	0.005	0.004	0.063	0.009	0.019	0.139	0.166
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.855	1.865	2.82	1.12	0.333	0.577	1.144	1.34	2.445	2.772
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	11	0.011	0.015	0.037	0.004	0.	0.011	0.005	0.009	0.015	0.036
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	2.95	2.892	4.3	1.5	1.143	1.069	1.53	1.625	3.975	4.21
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	131.	133.833	168.	100.	415.606	20.386	101.2	126.	147.5	166.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	15.	14.917	20.	8.	19.538	4.42	8.3	11.25	19.5	20.

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Annual Analysis for 1987 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	72	24.8	18.551	29.4	2.9	77.421	8.799	7.2	7.6	26.35	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	10	0.55	0.59	1.1	0.1	0.119	0.345	0.1	0.325	0.925	1.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	72	272.5	291.097	458.	159.	10447.751	102.214	163.	200.75	397.	451.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	72	6.35	5.818	10.8	1.3	7.676	2.771	1.73	2.2	8.025	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	9	1.4	1.356	2.3	0.5	0.558	0.747	0.5	0.5	2.	2.3
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	70	7.2	7.213	8.1	6.7	0.053	0.23	7.	7.1	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	70	7.2	7.161	8.1	6.7	0.055	0.235	7.	7.1	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	70	0.063	0.069	0.2	0.008	0.001	0.034	0.04	0.05	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	73.	70.667	100.	40.	261.333	16.166	44.2	56.5	80.	95.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.209	0.202	0.334	0.02	0.012	0.109	0.027	0.116	0.3	0.332
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.023	0.046	0.223	0.005	0.004	0.062	0.005	0.013	0.055	0.187
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.77	1.866	3.03	1.08	0.339	0.582	1.122	1.425	2.178	2.946
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	12	0.018	0.023	0.07	0.004	0.	0.02	0.004	0.009	0.029	0.064
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.45	3.508	7.	1.5	2.324	1.525	1.62	2.35	3.8	6.55
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	116.	122.5	172.	78.	880.091	29.666	82.2	98.	144.	171.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	17.5	34.167	174.	9.	2355.788	48.536	9.3	10.25	24.	147.

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Annual Analysis for 1988 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	35	24.2	22.531	31.5	0.4	55.848	7.473	10.38	21.8	25.4	30.86
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.7	0.636	1.	0.1	0.085	0.291	0.14	0.4	0.9	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	35	400.	393.514	532.	174.	6250.316	79.059	246.	390.	440.	448.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	34	6.3	6.912	13.4	5.7	3.133	1.77	5.7	5.8	6.825	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	8	2.2	2.263	4.6	1.2	1.168	1.081	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	36	7.4	7.419	7.9	7.	0.042	0.205	7.2	7.3	7.5	7.73
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	36	7.4	7.376	7.9	7.	0.044	0.21	7.2	7.3	7.5	7.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	36	0.04	0.042	0.1	0.013	0.	0.018	0.019	0.032	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	77.	75.083	108.	36.	477.356	21.848	39.	61.	91.5	106.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.216	0.351	1.22	0.069	0.115	0.339	0.074	0.101	0.558	1.051
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.022	0.055	0.162	0.005	0.003	0.058	0.007	0.015	0.118	0.154
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.655	1.701	2.61	0.84	0.269	0.519	0.882	1.503	1.845	2.598
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	8	0.019	0.018	0.03	0.004	0.	0.009	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.95	3.908	5.1	2.1	0.957	0.978	2.25	3.05	4.8	5.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	116.	122.417	194.	58.	1519.538	38.981	61.	102.	153.	185.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	17.5	32.917	156.	9.	1656.447	40.699	10.2	14.25	33.5	125.4

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Annual Analysis for 1989 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	47	25.8	21.583	28.2	3.2	51.707	7.191	10.66	16.2	26.8	27.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.7	0.655	1.1	0.4	0.039	0.197	0.4	0.5	0.7	1.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	26	305.5	307.462	364.	233.	595.698	24.407	279.6	301.	315.25	336.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	47	7.3	7.966	13.	6.1	2.529	1.59	6.4	7.	9.2	10.22
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	12	1.3	1.183	1.6	0.5	0.138	0.371	0.5	1.	1.5	1.57
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	47	7.6	7.598	8.4	7.3	0.055	0.234	7.4	7.4	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	47	7.6	7.55	8.4	7.3	0.057	0.239	7.4	7.4	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	47	0.025	0.028	0.05	0.004	0.	0.011	0.016	0.016	0.04	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	78.	75.833	94.	56.	94.152	9.703	58.4	69.5	81.5	90.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.189	0.219	0.493	0.087	0.015	0.122	0.089	0.129	0.254	0.469
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.019	0.02	0.044	0.005	0.	0.012	0.005	0.011	0.023	0.043
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.475	1.579	2.21	0.94	0.117	0.342	1.054	1.395	1.855	2.135
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	11	0.028	0.027	0.055	0.004	0.	0.016	0.004	0.011	0.039	0.052
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.	3.192	5.7	1.7	1.188	1.09	1.82	2.475	3.925	5.28
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	122.	121.167	136.	96.	121.061	11.003	100.8	116.	131.	135.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	14.	16.167	30.	9.	36.697	6.058	9.6	12.25	18.5	28.5

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Annual Analysis for 1990 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	51	17.1	16.7	25.7	0.5	63.652	7.978	6.1	10.7	24.8	25.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	8	0.6	0.713	1.3	0.	0.184	0.429	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	42	260.5	277.071	412.	200.	4484.117	66.964	202.	228.75	326.25	378.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	51	7.8	8.614	14.2	5.7	7.09	2.663	5.82	6.	10.8	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	9	1.7	1.667	3.3	0.5	0.867	0.931	0.5	0.75	2.25	3.3
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	51	7.4	7.537	8.4	7.1	0.215	0.463	7.1	7.2	7.6	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	51	7.4	7.376	8.4	7.1	0.241	0.491	7.1	7.2	7.6	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	51	0.04	0.042	0.079	0.004	0.001	0.026	0.004	0.025	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	8	63.	62.5	76.	52.	61.429	7.838	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.234	0.227	0.455	0.118	0.013	0.112	0.118	0.12	0.289	0.455
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.031	0.049	0.141	0.012	0.002	0.05	0.012	0.016	0.084	0.141

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

Annual Analysis for 1990 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	1.39	1.521	2.76	0.92	0.287	0.536	0.92	1.165	1.72	2.76
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	8	0.031	0.028	0.056	0.004	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	9	4.3	4.4	5.7	3.1	0.847	0.921	3.1	3.55	5.35	5.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	8	101.	103.75	128.	88.	253.071	15.908	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	8	22.5	25.375	60.	11.	217.982	14.764	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	165	25.4	24.455	31.5	15.9	15.331	3.915	16.7	23.65	26.9	28.72
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	20	0.6	0.56	0.8	0.	0.041	0.204	0.13	0.5	0.7	0.79
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	130	390.	377.662	547.	211.	6865.854	82.86	287.1	302.	445.5	454.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	172	6.5	6.799	9.6	5.1	1.165	1.079	5.7	6.	7.3	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	20	2.2	2.105	4.6	0.5	0.805	0.897	1.	1.35	2.575	2.98
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	154	7.3	7.316	7.9	6.7	0.061	0.247	7.	7.175	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	154	7.3	7.25	7.9	6.7	0.065	0.255	7.	7.175	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	154	0.05	0.056	0.2	0.013	0.001	0.032	0.025	0.032	0.067	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	23	80.	79.391	108.	60.	155.431	12.467	62.8	66.	86.	96.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	16	14.5	15.188	26.	2.	46.696	6.833	5.5	11.	21.75	24.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	0.278	0.343	2.06	0.	0.155	0.394	0.091	0.175	0.345	0.58
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	0.098	0.092	0.223	0.005	0.003	0.058	0.025	0.038	0.14	0.169
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	1.805	1.883	3.2	0.35	0.571	0.755	0.84	1.425	2.593	2.925
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	16	0.921	0.889	1.42	0.524	0.057	0.239	0.553	0.681	1.04	1.245
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	15	0.082	0.084	0.119	0.045	0.	0.02	0.051	0.072	0.092	0.118
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	14	0.048	0.048	0.079	0.018	0.	0.016	0.023	0.038	0.058	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	22	0.023	0.026	0.07	0.004	0.	0.02	0.004	0.009	0.041	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	4.2	4.025	6.1	1.7	2.09	1.446	1.98	2.5	5.2	5.96
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	23	3.9	3.783	7.	1.7	1.509	1.228	2.18	2.8	4.4	5.34
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	22	134.	135.182	172.	102.	356.061	18.87	105.8	122.	147.	164.
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	16	1.6	1.944	3.5	0.5	1.017	1.009	0.57	1.225	2.975	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	12	1045.	14536.667	120000.	110.	1158088460.606	34030.699	140.	422.5	12500.	91200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	12	3.006	3.297	5.079	2.041	0.846	0.92	2.126	2.6	4.096	4.869
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1980.139								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	50.	2083.077	24000.	10.	43518239.744	6596.836	10.	10.	640.	14920.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	1.699	1.989	4.38	1.	1.132	1.064	1.	1.	2.794	3.874
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			97.528								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	24	19.	21.042	84.	11.	208.563	14.442	12.	13.25	21.75	30.

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	55	6.3	7.067	12.9	0.	12.493	3.535	2.54	4.9	9.1	12.38
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	23	0.7	0.748	1.8	0.1	0.142	0.376	0.28	0.5	1.	1.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	46	267.	276.478	532.	119.	8068.744	89.826	187.7	199.5	327.25	423.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	54	10.8	9.491	16.4	1.3	18.769	4.332	1.5	8.65	12.4	13.15
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	28	1.1	1.157	3.3	0.5	0.506	0.712	0.5	0.5	1.5	2.31
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	55	7.7	7.738	8.4	6.9	0.205	0.453	7.16	7.3	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	55	7.7	7.534	8.4	6.9	0.248	0.498	7.16	7.3	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	55	0.02	0.029	0.126	0.004	0.001	0.028	0.004	0.008	0.05	0.07
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	30	70.	71.167	104.	44.	212.282	14.57	54.	59.5	78.5	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	24	9.5	15.417	67.	2.	305.297	17.473	2.	5.25	16.5	53.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	30	0.163	0.263	1.31	0.02	0.097	0.311	0.03	0.076	0.314	0.569
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	30	0.015	0.015	0.031	0.005	0.	0.008	0.005	0.009	0.021	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	30	1.72	1.77	2.66	1.27	0.097	0.311	1.41	1.608	1.87	2.201
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	22	0.453	0.526	1.68	0.222	0.099	0.314	0.256	0.381	0.568	0.979
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	21	0.062	0.076	0.202	0.02	0.002	0.045	0.033	0.043	0.111	0.132
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	21	0.038	0.043	0.095	0.016	0.	0.022	0.017	0.026	0.054	0.077
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	26	0.023	0.026	0.07	0.004	0.	0.018	0.006	0.013	0.037	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	24	3.35	3.804	12.6	0.5	5.574	2.361	1.5	2.725	4.675	6.25
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	29	3.2	3.076	5.7	0.5	1.545	1.243	1.5	2.25	3.85	4.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	28	117.	120.25	194.	86.	631.528	25.13	91.6	100.5	131.5	168.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	16	2.85	2.519	3.7	0.9	0.978	0.989	0.97	1.425	3.45	3.56
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	13	1300.	10330.154	54000.	270.	384075606.974	19597.847	294.	546.	7950.	54000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	13	3.114	3.356	4.732	2.431	0.58	0.762	2.466	2.735	3.866	4.732

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

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2272.395								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	330.	967.538	4900.	40.	2154815.436	1467.929	56.	150.	1100.	4260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	2.519	2.601	3.69	1.602	0.363	0.602	1.722	2.172	3.041	3.622
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			398.635								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	30	14.	21.933	102.	8.	435.03	20.857	9.	11.	20.75	58.8

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	90	17.25	18.943	30.2	7.1	47.71	6.907	7.21	14.875	25.125	26.87
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	18	0.6	0.628	1.3	0.1	0.104	0.323	0.1	0.375	0.825	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	81	231.	248.716	350.	159.	2852.906	53.413	163.	216.5	306.	315.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	88	7.35	7.024	10.8	1.9	5.834	2.415	2.2	5.675	8.775	10.21
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	16	1.65	1.594	3.3	0.5	0.598	0.773	0.5	1.05	2.075	2.67
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	79	7.4	7.528	8.6	6.9	0.129	0.36	7.2	7.3	7.7	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	79	7.4	7.417	8.6	6.9	0.142	0.377	7.2	7.3	7.7	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	79	0.04	0.038	0.126	0.003	0.001	0.023	0.006	0.02	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	18	67.	63.667	86.	36.	247.647	15.737	39.6	50.5	76.5	84.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	13	16.	23.385	124.	6.	936.59	30.604	7.2	11.5	18.5	84.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.157	0.171	0.47	0.036	0.012	0.11	0.041	0.089	0.22	0.37
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.02	0.023	0.058	0.005	0.	0.013	0.011	0.014	0.027	0.045
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	1.345	1.302	1.96	0.84	0.074	0.271	0.93	1.11	1.418	1.717
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	11	0.787	0.708	1.02	0.244	0.067	0.258	0.261	0.587	0.958	1.008
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	10	0.075	0.083	0.175	0.037	0.002	0.043	0.037	0.047	0.108	0.169
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	10	0.036	0.042	0.09	0.005	0.001	0.028	0.006	0.02	0.073	0.088
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	17	0.021	0.021	0.056	0.004	0.	0.014	0.004	0.009	0.03	0.042
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.7	3.75	5.9	1.4	1.534	1.238	1.76	2.825	4.8	5.66
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	3.5	3.75	5.7	1.6	1.384	1.176	1.81	3.125	4.75	5.63
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	18	103.	99.444	130.	58.	447.908	21.164	67.	79.5	116.5	126.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	13	2.6	2.308	3.3	0.4	1.107	1.052	0.44	1.5	3.2	3.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	9	790.	5064.444	22000.	20.	56028727.778	7485.234	20.	120.	9450.	22000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	9	2.898	2.955	4.342	1.301	1.125	1.061	1.301	2.038	3.97	4.342
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			901.035								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	10	140.	1809.	17000.	10.	28495721.111	5338.138	11.	42.5	222.5	15323.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	10	2.136	2.148	4.23	1.	0.744	0.862	1.03	1.599	2.347	4.044
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			140.549								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	18	20.	38.5	174.	9.	2288.147	47.835	9.9	16.	35.25	157.8

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

Station Inventory for Station: GWMP0127

NPS Station ID: GWMP0127 LAT/LON: 38.796392/ -77.039449 Agency: 112WRD Date Created: 11/28/92
Location: POTOMAC RIV AT CST GUARD DOCK AT ALEXANDRIA, VA FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 01652588
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 12.30 On/Off RF1:
RF3 Index: 02070010008100.09 RF3 Mile Point: 1.30 Distance from RF3: 0.64 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0127

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: GWMP0128

NPS Station ID: GWMP0128
LAT/LON: 38.797226/ -77.039449
Agency: 1113UPBA
Date Created: / /
Location: PO.R. ALEXANDRIA MARINE SERV.DOK
FIPS State/County: 51000 VIRGINIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 012 /012 /9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 1.260
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0128

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

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

Station Inventory for Station: GWMP0129

NPS Station ID: GWMP0129
LAT/LON: 38.797226/ -77.057781
Agency: 1113TIWQ
Date Created: / /
Location: ALEXANDRIA,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 030 /030 /STP-C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010042
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010059401.70
RF3 Mile Point: 2.53
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0129

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

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

Station Inventory for Station: GWMP0130

NPS Station ID: GWMP0130
LAT/LON: 38.797226/ -77.057781
Agency: 1113POTS
Date Created: / /
Location: ALEXANDRIA,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 020 /020 /STP 1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010042
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004600.68
RF3 Mile Point: 1.29
Distance from RF3: 1.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	7	20.6	22.843	29.5	18.5	19.23	4.385	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	7	17.	16.223	28.1	1.53	119.625	10.937	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/69-11/04/69	6	0.09	0.135	0.4	0.01	0.023	0.151	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	7	38.4	37.814	46.9	26.6	51.255	7.159	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/03/69-11/04/69	7	23.	20.714	27.	10.	47.238	6.873	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	7	71.26	69.039	76.72	54.64	60.796	7.797	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0130

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00				6	0	0.00						

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

Station Inventory for Station: GWMP0131

NPS Station ID: GWMP0131 LAT/LON: 38.798059/ -77.081948 Agency: 21VASWCB Date Created: 04/10/93
Location: BURGUNDY ROAD (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APIK000.02
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: PIKE BRANCH SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/89-07/18/89	1	21.2	21.2	21.2	21.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/18/89	2	7.35	7.35	8.6	6.1	3.125	1.768	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-07/18/89	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/19/74-07/18/89	2	22.5	22.5	24.	21.	4.5	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/18/89	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/18/89	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/18/89	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/19/74-09/19/74	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-09/19/74	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-09/19/74	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-09/19/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-09/19/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-09/19/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-09/19/74	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-07/18/89	2	6.5	6.5	11.	2.	40.5	6.364	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-09/19/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-09/19/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/18/89	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/18/89	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/18/89	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/18/89	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/74-07/18/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/74-07/18/89	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-07/18/89	2	4.85	4.85	6.	3.7	2.645	1.626	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/89-07/18/89	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/74-07/18/89	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/89-07/18/89	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/18/89-07/18/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/89-07/18/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/18/89-07/18/89	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/18/89-07/18/89	1	590.	590.	590.	590.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/18/89-07/18/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/18/89-07/18/89	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/18/89-07/18/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/18/89-07/18/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/18/89-07/18/89	1	78.	78.	78.	78.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.								
71900	MERCURY, TOTAL (UG/L AS HG)	07/18/89-07/18/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/18/89-07/18/89	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GWMP0132

NPS Station ID: GWMP0132 LAT/LON: 38.798615/ -77.079726 Agency: 21VASWCB Date Created: / /
Location: TELEGRAPH RD,RT. 611/241 BRI, ABOVE STP FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHUT001.72 /VA1A06-X0060/VA1A3X0060
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010042 RF1 Mile Point: 1.290 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010004200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: HUNTING CREEK SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA-DC-MD

Parameter Inventory for Station: GWMP0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	29	15.6	15.948	30.6	1.1	69.381	8.33	5.6	8.9	23.85	26.7
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	29	10.	10.19	16.2	6.2	5.306	2.303	7.	8.6	11.7	13.
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	28	7.	7.118	9.	5.5	0.407	0.638	6.64	6.8	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	28	7.	6.647	9.	5.5	0.638	0.799	6.64	6.8	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	28	0.1	0.226	3.162	0.001	0.352	0.594	0.029	0.04	0.158	0.259
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	30	0.1	0.147	1.	0.005	0.036	0.189	0.05	0.05	0.155	0.28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	30	0.01	0.021	0.13	0.005	0.001	0.031	0.005	0.005	0.02	0.049
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	30	0.755	0.776	1.699	0.27	0.105	0.323	0.405	0.49	0.997	1.225
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	30	0.4	0.405	1.199	0.05	0.06	0.244	0.2	0.2	0.5	0.7
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3	5.	6.167	11.	2.5	19.083	4.368	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.4	5.	2.	1.8	1.342	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10 ##	5.	9.	20.	5.	37.778	6.146	5.	5.	12.5	20.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	20.	23.889	70.	5.	417.361	20.429	5.	5.	30.	70.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10 ##	7.5	31.5	160.	5.	2389.167	48.879	5.	5.	45.	150.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	100.	910.333	6000.	10.	2644961.954	1626.334	50.	50.	1000.	3190.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	2.	2.33	3.778	1.	0.571	0.755	1.699	1.699	2.954	3.501
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			213.921								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	30 ##	0.05	0.09	0.5	0.05	0.009	0.093	0.05	0.05	0.1	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	30	0.05	0.071	0.6	0.01	0.011	0.105	0.01	0.028	0.085	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

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

EPA Water Quality Criteria Analysis for Station: GWMP0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	8	0	0.00	12	0	0.00	9	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GWMP0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	28	1	0.04	7	0	0.00	12	0	0.00	9	1	0.11			
		Other-Lo Lim.	6.5	28	2	0.07	7	1	0.14	12	0	0.00	9	1	0.11			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	30	0	0.00	9	0	0.00	12	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	30	0	0.00	9	0	0.00	12	0	0.00	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	2	0.20	3	0	0.00	4	1	0.25	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	15.	9	6	0.67	3	3	1.00	4	3	0.75	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	1	0.10	3	0	0.00	4	1	0.25	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	30	13	0.43	9	6	0.67	12	3	0.25	9	4	0.44			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

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

Station Inventory for Station: GWMP0133

NPS Station ID: GWMP0133 LAT/LON: 38.799448/ -77.060559 Agency: 21VASWCB Date Created: 04/10/93
Location: EISENHOWER AVENUE (ALEXANDRIA CITY) FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHFF000.38
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: HOOFF RUN SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/89-01/23/89	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/89-01/23/89	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/89-01/23/89	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/23/89-01/23/89	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/89-01/23/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/23/89-01/23/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/89-01/23/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/89-01/23/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/89-01/23/89	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/23/89-01/23/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/23/89-01/23/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/89-01/23/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/23/89-01/23/89	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/23/89-01/23/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/23/89-01/23/89	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/23/89-01/23/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/89-01/23/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/23/89-01/23/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/89-01/23/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/89-01/23/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/89-01/23/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/89-01/23/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/89-01/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/89-01/23/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GWMP0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/89-01/23/89	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/23/89-01/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/89-01/23/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GWMP0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GWMP0134

NPS Station ID: GWMP0134
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT OXON COVE TRANS V1
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.1 /V-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.19
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0134

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

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0135

NPS Station ID: GWMP0135
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT OXON COVE TRANS V2
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.2 /V-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT WESTERN EDGE OF CHANNEL

Parameter Inventory for Station: GWMP0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0136

NPS Station ID: GWMP0136
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT OXON COVE TRANS V3
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.3 /V-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 29
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0137

NPS Station ID: GWMP0137
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT OXON COVE TRANS V4
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.4 /V-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EASTERN EDGE OF CHANNEL

Parameter Inventory for Station: GWMP0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0138

NPS Station ID: GWMP0138
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT OXON COVE TRANS V5
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.5 /V-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED 100 FEET FROM ISLAND

Parameter Inventory for Station: GWMP0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0139

NPS Station ID: GWMP0139
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 02/28/81
Location: POTOMAC AT OXON COVE TRANS V6
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.6 /V-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010016000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
TRANSECT STATION LOCATED 50 FEET FROM ISLAND

Parameter Inventory for Station: GWMP0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0140

NPS Station ID: GWMP0140
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 02/28/81
Location: POTOMAC AT OXON COVE TRANS V7
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.7 /V-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT WESTERN SHORE OF ISLAND

Parameter Inventory for Station: GWMP0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0141

NPS Station ID: GWMP0141
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 02/28/81
Location: POTOMAC AT OXON COVE TRANS V8
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.8 /V-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EASTERN SHORE OF ISLAND

Parameter Inventory for Station: GWMP0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0142

NPS Station ID: GWMP0142
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 02/28/81
Location: POTOMAC AT OXON COVE TRANS V9
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.9 /V-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-POINT OF OXON COVE

Parameter Inventory for Station: GWMP0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0143

NPS Station ID: GWMP0143
LAT/LON: 38.800004/ -77.022227
Agency: 31POTOMA
Date Created: 02/28/81
Location: POTOMAC AT OXON COVE TRANS V10
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101011.95 /V-10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT WESTERN SHORE OF COVE

Parameter Inventory for Station: GWMP0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0144

NPS Station ID: GWMP0144
LAT/LON: 38.801670/ -77.026670
Agency: 112WRD
Date Created: 11/28/92
Location: POTOMAC R BEL OXON C AT WASHINGTON, DC
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 01652589
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 02070010002906.55
RF3 Mile Point: 7.05
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34790	SURFACTANTS, AS CTAS, WATER MG/L	08/27/92-08/27/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	98.	98.	98.	98.	0.	0.	**	**	**	**
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	79.	79.	79.	79.	0.	0.	**	**	**	**
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	47.	47.	47.	47.	0.	0.	**	**	**	**
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	45.	45.	45.	45.	0.	0.	**	**	**	**
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	83.	83.	83.	83.	0.	0.	**	**	**	**
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	110.	110.	110.	110.	0.	0.	**	**	**	**
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	27.	27.	27.	27.	0.	0.	**	**	**	**
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	08/27/92-08/27/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0145

NPS Station ID: GWMP0145
LAT/LON: 38.801948/ -76.971948
Agency: 21MDPGHD
Date Created: / /
Location: HENSON C-OXON HILL BRINKLEY RD
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HB-6 /243049 /PO-HB-6
RMI-Indexes: 0214001 002540
Within Park Boundary: No
RMI-Miles: 0101.80 0006.58
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002104.32
RF3 Mile Point: 4.81
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	68	13.25	12.735	28.	0.	67.347	8.207	1.45	5.25	20.75	23.55
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	66	10.8	10.927	15.	7.2	5.695	2.386	8.1	8.9	12.575	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.11	7.201	9.9	5.3	0.419	0.647	6.58	6.9	7.43	7.902
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	67	7.11	6.732	9.9	5.3	0.642	0.802	6.58	6.9	7.43	7.902
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	67	0.078	0.186	5.012	0.	0.379	0.615	0.013	0.037	0.126	0.264
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/10/75-03/08/76	5	4.	4.9	15.	0.	36.55	6.046	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/10/75-03/08/76	5	15.	13.8	15.	9.	7.2	2.683	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/08/76-11/26/80	40	4300.	50020.75	1100000.	230.	34598919248.141	186007.847	768.	2300.	15000.	41000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/08/76-11/26/80	40	3.633	3.748	6.041	2.362	0.603	0.777	2.884	3.362	4.176	4.606
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5592.408								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/73-02/09/76	23	12000.	280531.739	2400000.	930.	464912515078.656	681844.935	1320.	2300.	93000.	1624000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/73-02/09/76	23	4.079	4.365	6.38	2.968	1.118	1.057	3.118	3.362	4.968	6.093
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23182.991								
31515	INVALID PARM	05/12/75-10/20/75	6	6800.	9366.667	23000.	2300.	68630666.667	8284.363	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	930.	9671.225	240000.	1.5	985705399.144	31395.946	93.	230.	7500.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	69	2.968	3.035	5.38	0.176	0.96	0.98	1.968	2.362	3.875	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1083.874								
40000	INVALID PARAMETER	11/10/75-03/08/76	5	6.8	6.7	7.3	6.	0.235	0.485	**	**	**	**
50531	INVALID PARAMETER	11/10/75-03/08/76	4	2900.	24887.5	93000.	750.	2064250625.	45434.025	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/10/75-03/08/76	4	290.	725.75	2300.	23.	1130358.917	1063.183	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	24	0	0.00	27	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	67	1	0.01	24	0	0.00	28	0	0.00	15	1	0.07			
		Other-Lo Lim.	6.5	67	6	0.09	24	1	0.04	28	4	0.14	15	1	0.07			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
		Drinking Water	50.	5	0	0.00				5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	40	33	0.83	14	13	0.93	18	13	0.72	8	7	0.88			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	22	0.96	6	6	1.00	11	10	0.91	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	69	56	0.81	24	20	0.83	29	23	0.79	16	13	0.81			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	4	21.5	21.5	27.	16.	24.333	4.933	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	4	7.75	7.725	8.2	7.2	0.249	0.499	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.7	7.975	9.9	6.6	1.976	1.406	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	4	7.604	7.123	9.9	6.6	2.943	1.716	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	4	0.025	0.075	0.251	0.	0.014	0.118	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	4845.	10370.25	43000.	1.5	275386498.375	16594.773	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	6	3.28	2.95	4.633	0.176	2.616	1.617	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			891.018								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	14.	13.773	23.5	6.	43.368	6.585	6.1	7.	19.5	23.3
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.6	9.982	13.2	8.3	1.904	1.38	8.4	8.9	10.9	12.82
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.	7.027	7.6	6.5	0.138	0.372	6.5	6.6	7.2	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.	6.886	7.6	6.5	0.16	0.4	6.5	6.6	7.2	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.1	0.13	0.316	0.025	0.012	0.11	0.026	0.063	0.251	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2300.	8122.727	43000.	150.	180672361.818	13441.442	162.	230.	9300.	39000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	3.362	3.275	4.633	2.176	0.734	0.857	2.205	2.362	3.968	4.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1883.328								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	15.	13.136	24.	0.5	66.855	8.176	0.8	6.	20.	23.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	9.	10.082	14.8	7.2	5.762	2.4	7.28	8.6	12.	14.4
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	7.191	7.9	6.8	0.103	0.321	6.8	7.	7.3	7.82
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.1	7.102	7.9	6.8	0.112	0.334	6.8	7.	7.3	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.079	0.079	0.158	0.013	0.002	0.048	0.016	0.05	0.1	0.158
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	430.	22546.364	240000.	230.	52019512	65.455	72124.554	230.	230.	1500.	192460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.633	2.98	5.38	2.362	0.775	0.881	2.362	2.362	3.176	4.977
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			954.284								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	5.	10.091	22.	0.	77.241	8.789	0.3	2.	21.	21.8
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	9	15.	13.789	15.	9.5	4.074	2.018	9.5	12.5	15.	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.94	6.873	7.6	6.	0.197	0.444	6.05	6.613	7.15	7.57
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	6.938	6.653	7.6	6.	0.251	0.501	6.05	6.612	7.15	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.115	0.222	1.	0.025	0.082	0.287	0.028	0.072	0.247	0.932
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	310.	496.9	2300.	23.	476370.1	690.196	25.	43.	555.	2163.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.476	2.335	3.362	1.362	0.406	0.637	1.389	1.633	2.717	3.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			216.506								

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Annual Analysis for 1977 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	11	12.	13.182	28.	0.	86.564	9.304	0.2	6.	21.	27.6
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	11	11.	11.264	15.	8.1	4.109	2.027	8.36	9.5	12.	14.86
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	7.228	8.7	5.3	0.871	0.933	5.56	6.82	7.65	8.68
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	11	7.2	6.277	8.7	5.3	1.866	1.366	5.56	6.82	7.65	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	11	0.063	0.529	5.012	0.002	2.216	1.489	0.002	0.022	0.151	4.06
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	930.	3818.909	15000.	23.	24536441.491	4953.427	26.2	93.	7500.	13860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	11	2.968	2.889	4.176	1.362	1.069	1.034	1.408	1.968	3.875	4.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			774.345								

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Annual Analysis for 1978 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	8	12.	11.063	23.5	0.	82.031	9.057	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	8	10.5	11.225	15.	7.5	7.982	2.825	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	8	7.	6.95	7.4	6.4	0.149	0.385	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	8	6.989	6.807	7.4	6.4	0.172	0.415	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	8	0.103	0.156	0.398	0.04	0.017	0.13	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	4100.	19091.25	93000.	930.	976619755.357	31250.916	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	8	3.612	3.826	4.968	2.968	0.448	0.67	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6699.637								

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Annual Analysis for 1979 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	2	3.75	3.75	7.	0.5	21.125	4.596	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	2	11.8	11.8	12.5	11.1	0.98	0.99	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.05	7.05	7.2	6.9	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	2	7.025	7.025	7.2	6.9	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	2	0.094	0.094	0.126	0.063	0.002	0.044	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	11715.	11715.	23000.	430.	254702450.	15959.4	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	2	3.498	3.498	4.362	2.633	1.493	1.222	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3144.837								

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Annual Analysis for 1980 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	10	12.	13.2	24.	5.	57.511	7.584	5.	5.	22.25	23.9
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	10	10.8	10.82	13.4	8.2	2.917	1.708	8.22	9.375	12.2	13.28
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.725	7.62	8.4	7.1	0.182	0.426	7.101	7.118	7.903	8.351
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	10	7.725	7.452	8.4	7.1	0.213	0.462	7.101	7.118	7.902	8.351
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	10	0.019	0.035	0.079	0.004	0.001	0.03	0.005	0.013	0.076	0.079
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	965.	4459.6	21000.	93.	47005475.156	6856.054	93.	135.75	9300.	19830.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	10	2.905	3.018	4.322	1.968	0.762	0.873	1.968	2.124	3.968	4.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1041.597								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	24	21.	19.792	28.	11.	22.824	4.777	12.5	15.25	23.375	26.5
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	24	9.45	9.908	15.	7.2	5.283	2.299	7.3	8.35	11.075	14.35
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	24	7.3	7.35	8.7	6.4	0.362	0.602	6.6	7.	7.575	8.5
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	24	7.3	7.056	8.7	6.4	0.453	0.673	6.6	7.	7.575	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	24	0.05	0.088	0.398	0.002	0.01	0.1	0.003	0.027	0.1	0.251
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	930.	4999.083	23000.	23.	68234114.254	8260.394	66.	230.	4300.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	24	2.968	3.005	4.362	1.362	0.781	0.884	1.78	2.362	3.633	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1011.758								

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	28	5.	5.089	15.	0.	16.038	4.005	0.	2.	7.	10.4
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	27	12.	12.237	15.	8.2	4.555	2.134	9.2	10.9	14.3	15.
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	28	7.1	7.058	7.78	6.	0.166	0.407	6.5	6.84	7.3	7.656
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	28	7.1	6.852	7.78	6.	0.21	0.458	6.5	6.84	7.3	7.656
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	28	0.079	0.141	1.	0.017	0.036	0.19	0.022	0.05	0.145	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	2300.	8259.328	93000.	1.5	347220102.005	18633.843	93.	230.	9300.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	29	3.362	3.089	4.968	0.176	1.098	1.048	1.968	2.362	3.968	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1227.401								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-11/26/80	16	16.5	15.531	24.	1.5	39.816	6.31	4.65	10.75	20.375	24.
00300	OXYGEN, DISSOLVED MG/L	05/23/73-11/26/80	15	9.6	10.2	15.	8.1	3.647	1.91	8.1	8.8	11.8	13.32
00400	PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.	7.228	9.9	5.3	0.98	0.99	6.08	6.7	7.9	8.706
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-11/26/80	15	7.	6.371	9.9	5.3	1.767	1.329	6.08	6.7	7.9	8.706
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-11/26/80	15	0.1	0.425	5.012	0.	1.617	1.272	0.007	0.013	0.2	2.155
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	430.	19238.5	240000.	43.	3579346112.133	59827.637	43.	215.	6700.	102100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/73-11/26/80	16	2.633	2.982	5.38	1.633	1.095	1.046	1.633	2.332	3.815	4.857
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			959.275								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0146

NPS Station ID: GWMP0146
LAT/LON: 38.803059/ -77.128060
Agency: 112WRD
Date Created: / /
Location: BACKLICK RUN AT ALEXANDRIA, VA
FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01652910
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 15.10
On/Off RF1:
RF3 Index: 02070010059403.22
RF3 Mile Point: 3.60
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/69-08/05/77	2	25.5	25.5	28.	23.	12.5	3.536	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/30/69-04/30/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/30/69-08/05/77	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/69-08/05/77	2	168.	168.	176.	160.	128.	11.314	**	**	**	**
00400	PH (STANDARD UNITS)	04/30/69-04/30/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/69-04/30/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/69-04/30/69	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/69-08/05/77	2	37.5	37.5	43.	32.	60.5	7.778	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/30/69-08/05/77	2	45.5	45.5	52.	39.	84.5	9.192	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/30/69-04/30/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/30/69-04/30/69	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/69-08/05/77	2	58.5	58.5	63.	54.	40.5	6.364	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/69-08/05/77	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/69-08/05/77	2	17.	17.	18.	16.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/69-08/05/77	2	3.85	3.85	4.3	3.4	0.405	0.636	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/69-08/05/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/30/69-08/05/77	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/30/69-08/05/77	2	28.5	28.5	29.	28.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/69-08/05/77	2	3.65	3.65	4.2	3.1	0.605	0.778	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/69-08/05/77	2	23.5	23.5	27.	20.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/69-08/05/77	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/69-08/05/77	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/69-08/05/77	2	7.75	7.75	8.7	6.8	1.805	1.344	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/30/69-08/05/77	2	165.	165.	320.	10.	48050.	219.203	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/69-08/05/77	2	122.	122.	142.	102.	800.	28.284	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/30/69-08/05/77	2	105.	105.	112.	98.	98.	9.899	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/30/69-08/05/77	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/30/69-08/05/77	2	0.165	0.165	0.19	0.14	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/69-08/05/77	2	0.65	0.65	1.2	0.1	0.605	0.778	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0147

NPS Station ID: GWMP0147 LAT/LON: 38.803892/ -77.058060 Agency: 21VASWCB Date Created: 04/10/93
Location: DUKE STREET (ALEXANDRIA CITY) FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHFF000.65
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: HOOFF RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/89-01/23/89	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/89-01/23/89	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/89-01/23/89	1	357.	357.	357.	357.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/23/89-01/23/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/89-01/23/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/23/89-01/23/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/89-01/23/89	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/89-01/23/89	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/89-01/23/89	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/23/89-01/23/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/23/89-01/23/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/89-01/23/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/23/89-01/23/89	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/23/89-01/23/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/23/89-01/23/89	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/23/89-01/23/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/89-01/23/89	1	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/23/89-01/23/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/89-01/23/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/23/89-01/23/89	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/89-01/23/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/89-01/23/89	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/89-01/23/89	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/89-01/23/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/89-01/23/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/89-01/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/89-01/23/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/89-01/23/89	1	1230.	1230.	1230.	1230.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/23/89-01/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/89-01/23/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/89-01/23/89	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/89-01/23/89	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0148

NPS Station ID: GWMP0148
LAT/LON: 38.805281/ -77.025004
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: POTOMAC EAST CHANNEL WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PEC03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 2.080
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010068300.42
RF3 Mile Point: 1.55
Distance from RF3: 0.13
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION:POTOMAC EAST CHANNEL D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0149

NPS Station ID: GWMP0149
LAT/LON: 38.805559/ -77.102226
Agency: 112WRD
Date Created: / /
Location: CAMERON RUN AT ALEXANDRIA, VA
FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 7.80
On/Off RF1:
RF3 Index: 02070010008200.00
RF3 Mile Point: 0.15
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/77-08/01/80	5	25.	24.	30.5	13.	51.625	7.185	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/08/56-04/30/69	3	10.	21.333	45.	9.	420.333	20.502	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/77-07/22/80	6	95.5	271.833	891.	4.	130513.367	361.266	**	**	**	**
00065	STAGE, STREAM (FEET)	01/11/80-08/01/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/08/56-08/30/77	4	14.	15.75	25.	10.	42.25	6.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/08/56-08/30/77	4	200.	180.75	210.	113.	2104.917	45.879	**	**	**	**
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	03/13/80-08/01/80	4	8.05	8.025	11.	5.	8.283	2.878	**	**	**	**
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/06/79-08/01/80	5	5.5	5.42	8.4	0.	11.542	3.397	**	**	**	**
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/06/79-04/26/80	3	0.06	0.053	0.1	0.	0.003	0.05	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/56-04/30/69	3	7.1	7.133	7.2	7.1	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/56-04/30/69	3	7.1	7.131	7.2	7.1	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/56-04/30/69	3	0.079	0.074	0.079	0.063	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/05/69-08/30/77	3	32.	33.667	40.	29.	32.333	5.686	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/08/56-08/30/77	4	37.	36.25	49.	22.	124.917	11.177	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/05/69-04/30/69	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/80-08/01/80	3	1.2	1.177	2.	0.33	0.698	0.835	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	4	0.875	0.92	1.7	0.23	0.397	0.63	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/80-08/01/80	3	0.47	0.537	0.82	0.32	0.066	0.257	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	4	0.38	0.358	0.5	0.17	0.019	0.137	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	4	0.075	0.09	0.19	0.02	0.005	0.072	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/80-08/01/80	3	0.05	0.077	0.18	0.	0.009	0.093	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/30/77-07/22/80	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/30/77-07/22/80	2	0.09	0.09	0.18	0.	0.016	0.127	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/13/80-08/01/80	4	0.455	0.448	0.69	0.19	0.042	0.204	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	03/13/80-08/01/80	4	0.215	0.203	0.31	0.07	0.015	0.121	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/80-08/01/80	4	0.64	0.65	1.	0.32	0.087	0.295	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/80-08/01/80	3	0.64	0.547	0.99	0.01	0.247	0.497	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/77-08/01/80	5	0.2	0.398	1.	0.04	0.186	0.431	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/05/69-04/30/69	2	0.08	0.08	0.14	0.02	0.007	0.085	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/80-08/01/80	4	0.095	0.09	0.15	0.02	0.003	0.055	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/13/80-08/01/80	4	0.01	0.013	0.03	0.	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/77-08/30/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/56-08/30/77	4	56.	54.25	70.	35.	208.917	14.454	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/08/56-08/30/77	4	25.5	24.5	30.	17.	33.667	5.802	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/08/56-08/30/77	4	16.5	15.675	20.	9.7	18.756	4.331	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/08/56-08/30/77	4	3.65	3.675	4.8	2.6	0.889	0.943	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/08/56-08/30/77	4	11.5	10.65	15.	4.6	19.157	4.377	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	02/05/69-08/30/77	3	0.7	0.7	0.8	0.6	0.01	0.1	**	**	**	**
00932	SODIUM, PERCENT	02/05/69-08/30/77	3	30.	30.	31.	29.	1.	1.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/08/56-08/30/77	4	2.65	2.9	4.3	2.	0.967	0.983	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/56-08/30/77	4	24.	21.	27.	9.	66.	8.124	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/56-08/30/77	4	18.5	18.25	21.	15.	6.25	2.5	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/08/56-08/30/77	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/08/56-08/01/80	8	8.2	8.288	12.	4.3	7.15	2.674	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/05/69-08/30/77	3	90.	196.667	430.	70.	40933.333	202.32	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/30/77-08/30/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	08/06/79-08/06/79	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	01/11/80-07/22/80	3	24000.	19333.333	25000.	9000.	80333333.333	8962.886	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/08/56-08/30/77	4	126.	112.75	129.	70.	814.917	28.547	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/69-08/30/77	3	109.	113.667	126.	106.	116.333	10.786	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/69-08/30/77	3	3.13	2.55	3.31	1.21	1.355	1.164	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/69-08/30/77	3	0.17	0.173	0.18	0.17	0.	0.006	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/13/80-04/26/80	2	38.	38.	51.	25.	338.	18.385	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	03/13/80-04/26/80	2	43.	43.	54.	32.	242.	15.556	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	03/13/80-04/26/80	2	60.5	60.5	61.	60.	0.5	0.707	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	03/13/80-04/26/80	2	93.5	93.5	95.	92.	4.5	2.121	**	**	**	**
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	03/13/80-04/26/80	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/13/80-04/26/80	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	03/13/80-04/26/80	2	25.5	25.5	35.	16.	180.5	13.435	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/13/80-04/26/80	2	30.5	30.5	41.	20.	220.5	14.849	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	03/13/80-04/26/80	2	34.5	34.5	46.	23.	264.5	16.263	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/13/80-08/01/80	3	0.06	0.087	0.2	0.	0.011	0.103	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/13/80-08/01/80	4	0.095	0.115	0.24	0.03	0.008	0.089	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/08/56-07/22/80	5	1.8	1.5	2.9	0.	1.26	1.122	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/30/77-07/22/80	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71885	IRON (UG/L AS FE)	02/08/56-02/08/56	1	70.	70.	70.	70.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/13/80-08/01/80	3	0.34	0.287	0.46	0.06	0.042	0.205	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/80-08/01/80	3	5.1	5.133	8.8	1.5	13.323	3.65	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/06/79-08/01/80	5	245.	252.	555.	7.	55874.	236.377	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/80-07/08/80	3	589.	466.667	794.	17.	162156.333	402.686	**	**	**	**
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	04/26/80-08/01/80	3	0.17	0.16	0.18	0.13	0.001	0.026	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0150

NPS Station ID: GWMP0150 LAT/LON: 38.806392/ -77.036115 Agency: 21DCBAWQ Date Created: 10/28/86
Location: TORPEDO FACTORY, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS41
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0089.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010025 RF1 Mile Point: 1.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002502.07 RF3 Mile Point: 2.45 Distance from RF3: 0.15 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: TORPEDO FACTORY, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	64	16.05	16.114	31.7	1.1	87.829	9.372	2.95	7.025	25.6	28.15
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	53.364	100.	0.	2237.455	47.302	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/14/83-10/07/85	3	0.2	0.4	0.9	0.1	0.19	0.436	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	54	302.	306.944	540.	120.	9508.544	97.512	176.5	235.	371.25	454.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	64	8.1	8.306	13.8	1.4	8.412	2.9	4.85	6.425	10.4	12.45
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	3	1.8	1.6	2.	1.	0.28	0.529	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	54	7.6	7.613	8.5	6.9	0.151	0.388	7.15	7.3	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	54	7.6	7.47	8.5	6.9	0.171	0.414	7.15	7.3	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	54	0.025	0.034	0.126	0.003	0.001	0.026	0.005	0.016	0.05	0.071
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-12/14/83	2	66.	66.	86.	46.	800.	28.284	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	3	9.	23.667	54.	8.	690.333	26.274	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	3	0.463	0.529	0.766	0.357	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	3	0.148	0.152	0.217	0.09	0.004	0.064	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	3	0.081	0.087	0.107	0.073	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	3	0.058	0.065	0.082	0.056	0.	0.014	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-12/14/83	3	15.	37.667	84.	14.	1610.333	40.129	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0150

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	5	0.08	23	0	0.00	24	4	0.17	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	54	0	0.00	20	0	0.00	21	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	54	0	0.00	20	0	0.00	21	0	0.00	13	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	8.	12.2	20.7	7.9	54.19	7.361	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	11.3	10.633	12.8	7.8	6.583	2.566	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.4	17.975	29.	3.	118.385	10.88	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	151.	188.667	295.	120.	8720.333	93.383	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.45	8.575	13.2	4.7	8.499	2.915	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.9	12.767	20.	5.4	53.303	7.301	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	265.	264.	290.	237.	703.	26.514	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.6	9.867	12.5	6.5	9.403	3.066	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.8	7.833	8.	7.7	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	3	7.8	7.816	8.	7.7	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	3	0.016	0.015	0.02	0.01	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	20.3	15.545	28.7	1.1	123.263	11.102	1.22	4.4	26.2	28.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	11	321.	369.	540.	266.	7780.8	88.209	271.6	302.	460.	526.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	7.9	8.136	13.8	2.1	14.313	3.783	2.68	5.4	12.3	13.7
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.7	8.5	7.	0.254	0.504	7.04	7.3	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.49	8.5	7.	0.302	0.55	7.04	7.3	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	11	0.025	0.032	0.1	0.003	0.001	0.029	0.003	0.006	0.05	0.093

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	12	13.	14.725	29.4	2.8	97.409	9.87	2.8	6.575	25.625	28.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	12	273.	293.833	455.	161.	9704.515	98.511	170.	209.25	377.75	454.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	12	7.65	6.517	11.3	1.4	10.314	3.212	1.61	3.225	9.	10.73
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.3	7.455	8.1	7.1	0.111	0.333	7.12	7.2	7.7	8.06
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.3	7.361	8.1	7.1	0.12	0.347	7.12	7.2	7.7	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	11	0.05	0.044	0.079	0.008	0.001	0.025	0.009	0.02	0.063	0.076

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	21.1	19.	31.7	6.9	61.653	7.852	6.9	12.6	24.95	31.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	369.	350.889	527.	174.	14315.361	119.647	174.	237.5	442.5	527.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	8.7	7.978	10.4	6.3	2.247	1.499	6.3	6.4	9.	10.4
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	9	7.6	7.578	8.	7.1	0.072	0.268	7.1	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	9	7.6	7.503	8.	7.1	0.078	0.28	7.1	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	9	0.025	0.031	0.079	0.01	0.	0.021	0.01	0.016	0.04	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	16.	16.055	28.2	2.8	98.917	9.946	2.82	4.6	26.8	28.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	315.	308.889	358.	228.	1323.611	36.381	228.	294.5	328.5	358.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	11	9.	9.	13.	6.	5.1	2.258	6.1	6.8	10.4	12.76
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.7	7.782	8.4	7.4	0.116	0.34	7.42	7.5	7.9	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.7	7.688	8.4	7.4	0.125	0.354	7.42	7.5	7.9	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	11	0.02	0.02	0.04	0.004	0.	0.011	0.004	0.013	0.032	0.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	7	17.4	16.757	26.3	6.	81.86	9.048	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	6	235.	261.	380.	198.	4282.4	65.44	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	7	8.1	9.	12.4	6.3	6.737	2.596	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	7	7.5	7.586	8.4	7.2	0.158	0.398	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	7	7.5	7.476	8.4	7.2	0.172	0.415	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	7	0.032	0.033	0.063	0.004	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	25.9	24.943	31.7	16.	16.015	4.002	18.2	21.7	28.1	29.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	18	379.	371.944	540.	207.	6422.997	80.144	281.7	300.25	440.75	468.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	6.8	7.078	9.6	5.	1.523	1.234	5.56	6.3	7.9	9.2
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	20	7.4	7.44	8.	7.	0.08	0.284	7.1	7.2	7.6	7.98
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	20	7.4	7.362	8.	7.	0.087	0.295	7.1	7.2	7.6	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	20	0.04	0.043	0.1	0.01	0.001	0.025	0.011	0.025	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	5.9	6.213	12.9	1.1	11.363	3.371	2.25	2.925	7.975	12.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	22	298.5	294.409	527.	120.	10494.729	102.444	134.9	236.5	330.25	466.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	24	11.3	9.8	13.8	1.4	14.128	3.759	2.65	8.325	12.475	13.25
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.7	7.786	8.5	6.9	0.189	0.435	7.2	7.5	8.15	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.7	7.585	8.5	6.9	0.232	0.481	7.2	7.5	8.15	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.02	0.026	0.126	0.003	0.001	0.029	0.004	0.007	0.032	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	17	17.4	18.147	29.	7.4	43.954	6.63	9.4	12.15	24.6	27.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	14	231.5	243.071	315.	161.	2903.764	53.887	167.5	193.25	297.5	311.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	17	8.1	7.859	10.8	2.1	4.993	2.234	4.18	6.65	9.35	10.48
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	13	7.6	7.6	8.5	7.1	0.12	0.346	7.14	7.35	7.75	8.22
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	13	7.6	7.498	8.5	7.1	0.131	0.362	7.14	7.35	7.75	8.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	13	0.025	0.032	0.079	0.003	0.	0.021	0.008	0.018	0.045	0.073

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0151

NPS Station ID: GWMP0151 LAT/LON: 38.806392/ -77.109726 Agency: 21VASWCB Date Created: / /
Location: GAGING STATION BEHIND CAMERON STATION FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ACAM000.95 /VA1A07-X0020/VA1A3X0020
RMI-Indexes: 0214001 002570 00131 Within Park Boundary: No
RMI-Miles: 0099.56 0002.79 000.95
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010042 RF1 Mile Point: 3.310 Distance from RF1: 0.90 On/Off RF1: ON
RF3 Index: 02070010004203.56 RF3 Mile Point: 6.03 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: CAMERON RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	124	16.2	15.862	33.5	0.2	92.145	9.599	2.65	7.	24.75	28.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/83-02/04/86	3	2.	15.667	44.	1.	602.333	24.542	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	77	222.	275.234	1778.	21.	60729.76	246.434	141.6	181.5	274.	390.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	121	10.6	10.852	17.3	6.4	3.245	1.801	8.8	9.5	12.1	13.16
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	79	2.	2.228	7.	0.5	1.967	1.402	1.	1.	3.	4.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	78	12.	12.744	36.	2.	43.7	6.611	6.	8.	15.25	22.1
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	125	7.6	7.77	10.	1.	0.986	0.993	7.	7.3	8.3	9.004
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	125	7.6	3.097	10.	1.	22.997	4.796	7.	7.3	8.3	9.004
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	125	0.025	800.053	100000.	0.	79999915.314	8944.267	0.001	0.005	0.05	0.1
00403	PH, LAB, STANDARD UNITS SU	01/25/83-06/01/87	19	7.2	7.232	9.7	6.3	0.538	0.733	6.5	6.7	7.4	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/25/83-06/01/87	19	7.2	6.924	9.7	6.3	0.638	0.799	6.5	6.7	7.4	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/83-06/01/87	19	0.063	0.119	0.501	0.	0.016	0.127	0.013	0.04	0.2	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/25/83-06/01/87	19	35.	39.684	102.	27.	280.784	16.757	28.	31.	43.	55.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/15/79	5	109.	115.4	155.	92.	557.3	23.607	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/15/79	5	27.	137.8	600.	12.	66866.7	258.586	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/15/79	5	94.	135.8	300.	65.	9307.7	96.476	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	78 ##	2.5	6.679	66.	2.	90.539	9.515	2.5	2.5	7.	14.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	77 ##	2.5	3.422	16.	0.	4.849	2.202	2.4	2.5	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	78 ##	2.5	4.808	59.	0.	62.346	7.896	2.	2.5	4.	8.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	127 ##	0.05	0.099	1.4	0.01	0.028	0.167	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	127	0.01	0.014	0.19	0.005	0.	0.019	0.005	0.005	0.01	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	99	0.5	0.651	6.96	0.025	0.673	0.82	0.13	0.3	0.8	1.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	125	0.3	0.369	2.4	0.05	0.102	0.32	0.1	0.2	0.45	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	28	0.51	0.509	1.4	0.025	0.144	0.38	0.025	0.185	0.775	1.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	76 ##	0.05	0.064	0.2	0.05	0.001	0.033	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	77	0.01	0.022	0.18	0.005	0.001	0.027	0.005	0.01	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	78	6.	6.327	26.	0.5	14.687	3.832	3.	4.	8.	10.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-12/09/85	6	65.	62.667	77.	49.	98.267	9.913	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/85-08/06/85	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/77-07/14/86	9 ##	1.	0.833	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	4 ##	2.8	4.125	10.2	0.7	20.049	4.478	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-07/14/86	10 ##	5.	4.65	10.	0.5	6.669	2.583	0.55	4.	5.	9.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4 ##	0.09	0.087	0.1	0.07	0.	0.015	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	5.695	11.998	32.7	3.9	192.518	13.875	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-07/14/86	11 ##	5.	4.636	10.	0.5	6.405	2.531	0.5	5.	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-07/14/86	11 ##	5.	6.364	20.	5.	20.455	4.523	5.	5.	5.	17.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	4	10.8	14.823	32.7	4.99	157.255	12.54	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-10/01/79	3	800.	746.667	1040.	400.	104533.333	323.316	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-07/14/86	11	6.	11.773	39.	0.5	176.868	13.299	0.6	4.	17.	38.2
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	4	30.45	34.2	63.4	12.5	595.593	24.405	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-06/06/83	4	120.	155.	340.	40.	19900.	141.067	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	7 ##	50.	43.571	50.	5.	289.286	17.008	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/14/86	4 ##	7.5	17.5	50.	5.	475.	21.794	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	8.2	8.975	16.4	3.1	32.443	5.696	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-07/14/86	11	10.	21.818	50.	5.	346.364	18.611	5.	5.	40.	50.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	4	32.4	54.75	123.	31.2	2071.11	45.509	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	2 ##	2.3	2.3	4.1	0.5	6.48	2.546	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/27/84-02/27/84	1	430.	430.	430.	430.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/27/84-02/27/84	1	2.633	2.633	2.633	2.633	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			430.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	124	100.	646.613	8000.	50.	2469796.564	1571.559	50.	50.	400.	1600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	124	2.	2.214	3.903	1.699	0.393	0.627	1.699	1.699	2.602	3.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			163.609								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	2 ##	0.775	0.775	1.05	0.5	0.151	0.389	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/11/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	0.	0.025	0.1	0.	0.002	0.042	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/12/75-08/06/85	13	0.	0.012	0.15	0.	0.002	0.042	0.	0.	0.	0.09
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	50 ##	0.05	0.081	0.9	0.05	0.016	0.126	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	49 ##	0.01	0.021	0.12	0.005	0.001	0.023	0.005	0.005	0.03	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-07/14/86	9 ##	0.25	0.222	0.3	0.15	0.003	0.057	0.15	0.15	0.25	0.3
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	4 ##	0.06	0.063	0.1	0.03	0.001	0.038	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	0	0.00	40	0	0.00	45	0	0.00	36	0	0.00			
00400	PH	Other-Hi Lim.	9.	125	19	0.15	42	9	0.21	46	1	0.02	37	9	0.24			
		Other-Lo Lim.	6.5	125	3	0.02	42	1	0.02	46	2	0.04	37	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	19	1	0.05	10	1	0.10	3	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	19	2	0.11	10	2	0.20	3	0	0.00	6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	127	0	0.00	42	0	0.00	48	0	0.00	37	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	99	0	0.00	33	0	0.00	37	0	0.00	29	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	9	0	0.00	11	0	0.00	8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3 &	1	0.33	1	0	0.00				2	1	0.50			
		Drinking Water	5.	3 &	1	0.33	1	0	0.00				2	1	0.50			
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	11	1	0.09	4	0	0.00	2	1	0.50	5	0	0.00			
		Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	15.	11	3	0.27	4	0	0.00	2	1	0.50	5	2	0.40			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	7	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	7	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	100.	4	0	0.00	3	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5000.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	124	50	0.40	40	15	0.38	49	21	0.43	35	14	0.40			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	1.	5	0	0.00	4	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	4	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	4	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	4	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	4	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	4	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	2.	5	0	0.00	4	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	13	1	0.08	3	1	0.33	5	0	0.00	5	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	2.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	3	21.1	18.333	28.3	5.6	134.563	11.6	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	3	9.4	10.333	13.	8.6	5.493	2.344	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	3	7.6	7.467	7.6	7.2	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	3	7.6	7.423	7.6	7.2	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	3	0.025	0.038	0.063	0.025	0.	0.022	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	3	0.23	0.263	0.39	0.17	0.013	0.114	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	3	0.15	0.183	0.3	0.1	0.011	0.104	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	3	100.	183.333	400.	50.	35833.333	189.297	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	3	2.	2.1	2.602	1.699	0.211	0.46	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			125.992								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	10	15.25	16.43	31.1	5.	97.562	9.877	5.11	6.1	24.975	30.99
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	10	10.7	10.69	13.	8.8	2.281	1.51	8.84	9.2	12.2	12.98
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.5	7.75	9.3	6.9	0.785	0.886	6.91	7.	8.625	9.27
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.5	7.293	9.3	6.9	1.017	1.009	6.91	7.	8.625	9.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	10	0.032	0.051	0.126	0.001	0.002	0.05	0.001	0.003	0.1	0.123
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	9 ##	0.05	0.046	0.05	0.01	0.	0.013	0.01	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	9	0.6	0.543	0.9	0.11	0.096	0.31	0.11	0.21	0.845	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	9	0.1	0.228	0.5	0.05	0.029	0.172	0.05	0.1	0.4	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	10 ##	50.	75.	200.	50.	2361.111	48.591	50.	50.	100.	190.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	10 ##	1.699	1.819	2.301	1.699	0.044	0.21	1.699	1.699	2.	2.271
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.975								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	9 ##	0.05	0.035	0.05	0.005	0.001	0.023	0.005	0.005	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	12	16.95	15.142	32.8	2.2	101.163	10.058	2.71	4.45	24.025	30.64
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	11	11.8	11.373	13.8	8.4	4.228	2.056	8.4	9.4	13.2	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	12	7.6	7.95	9.5	7.	0.535	0.732	7.12	7.5	8.6	9.29
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	12	7.589	7.595	9.5	7.	0.673	0.82	7.12	7.5	8.6	9.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	12	0.026	0.025	0.1	0.	0.001	0.028	0.001	0.003	0.032	0.082
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	12 ##	0.05	0.171	1.199	0.05	0.107	0.327	0.05	0.05	0.1	0.899
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	12 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.009	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	9	0.38	0.464	0.9	0.12	0.086	0.294	0.12	0.195	0.74	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	12	0.2	0.392	1.799	0.1	0.215	0.464	0.1	0.2	0.475	1.409
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	12 ##	50.	687.5	6000.	50.	2994147.727	1730.361	50.	50.	100.	4680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	12 ##	1.699	2.073	3.778	1.699	0.471	0.686	1.699	1.699	2.	3.606
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.283								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	12 ##	0.05	0.067	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.17
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	11	0.01	0.022	0.12	0.005	0.001	0.034	0.005	0.005	0.02	0.102

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Annual Analysis for 1977 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	10	10.25	11.94	30.	0.8	120.109	10.959	0.8	1.325	23.	29.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	10	9.95	10.04	13.7	7.6	3.274	1.809	7.64	8.75	11.325	13.47
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.5	7.88	9.2	7.2	0.586	0.766	7.21	7.375	8.775	9.18
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.5	7.548	9.2	7.2	0.709	0.842	7.21	7.375	8.775	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	10	0.032	0.028	0.063	0.001	0.	0.021	0.001	0.002	0.042	0.062
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	10 ##	0.05	0.085	0.3	0.05	0.006	0.078	0.05	0.05	0.1	0.28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	10 ##	0.008	0.016	0.05	0.005	0.	0.016	0.005	0.005	0.025	0.049
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	10	0.2	0.27	0.5	0.1	0.022	0.149	0.1	0.175	0.425	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	100.	311.111	1600.	50.	242986.111	492.936	50.	75.	300.	1600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	2.	2.206	3.204	1.699	0.224	0.474	1.699	1.849	2.477	3.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			160.831								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	10 ##	0.05	0.165	0.9	0.05	0.073	0.27	0.05	0.05	0.15	0.84
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	10 ##	0.005	0.011	0.06	0.005	0.	0.017	0.005	0.005	0.006	0.055

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Annual Analysis for 1978 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	10	20.75	18.55	33.5	2.	150.081	12.251	2.1	6.	30.125	33.35
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	10	10.85	11.	12.8	9.1	1.618	1.272	9.11	10.1	12.325	12.76
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	10	8.	7.6	10.	1.	6.48	2.546	1.6	7.225	9.1	9.94
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.584	2.	10.	1.	41.324	6.428	1.6	7.225	9.1	9.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	10	0.026	10000.025	100000.	0.	999999433.669	31622.768	0.	0.001	0.063	90000.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	11 ##	0.05	0.082	0.3	0.05	0.006	0.075	0.05	0.05	0.1	0.26
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	11	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.036
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	11	0.3	0.3	0.6	0.1	0.018	0.134	0.12	0.2	0.4	0.56
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11 ##	50.	250.	1300.	50.	161000.	401.248	50.	50.	300.	1180.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11 ##	1.699	2.03	3.114	1.699	0.281	0.53	1.699	1.699	2.477	3.06
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.128								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	11	0.01	0.014	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03

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Annual Analysis for 1979 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	11	20.5	16.345	26.	2.5	75.513	8.69	3.	7.3	24.	25.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	6	168.	180.	270.	96.	3589.2	59.91	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	10	11.	10.73	13.8	8.5	2.638	1.624	8.53	9.325	11.7	13.62
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	6	1.	1.333	2.	1.	0.267	0.516	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	6	11.5	11.	18.	2.	29.6	5.441	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	11	7.8	8.	10.	7.4	0.634	0.796	7.4	7.4	8.2	9.78
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	11	7.8	7.696	10.	7.4	0.736	0.858	7.4	7.4	8.2	9.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	11	0.016	0.02	0.04	0.	0.	0.015	0.	0.006	0.04	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	6	5.5	14.917	66.	2.	631.242	25.125	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	6	3.5	3.75	7.	2.	3.175	1.782	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	6	2.25	11.583	59.	0.	541.242	23.265	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	11 ##	0.05	0.068	0.2	0.05	0.002	0.046	0.05	0.05	0.05	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	11 ##	0.005	0.01	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	6	0.47	0.617	1.7	0.24	0.292	0.541	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	11	0.2	0.277	0.6	0.05	0.024	0.154	0.08	0.2	0.3	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**

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Annual Analysis for 1979 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	6	0.02	0.035	0.1	0.01	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	6	7.5	6.667	10.	2.	7.867	2.805	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11	100.	1140.909	7000.	50.	4318409.091	2078.078	50.	50.	1800.	5960.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11	2.	2.391	3.845	1.699	0.673	0.821	1.699	1.699	3.255	3.727
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			245.864								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-06/11/79	5 ##	0.005	0.013	0.03	0.005	0.	0.012	**	**	**	**

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Annual Analysis for 1980 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	9	12.5	13.233	26.	1.8	71.845	8.476	1.8	6.5	20.85	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	10	246.	334.9	933.	205.	51002.767	225.838	205.2	220.5	352.	888.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	8	10.45	10.075	13.	6.4	3.471	1.863	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	10	2.	2.6	6.	1.	3.156	1.776	1.	1.	4.25	5.9
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	10	12.5	15.7	29.	7.	50.011	7.072	7.3	11.5	20.	28.7
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	7	7.7	7.9	9.2	7.3	0.42	0.648	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	7	7.7	7.656	9.2	7.3	0.489	0.7	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	7	0.02	0.022	0.05	0.001	0.	0.018	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	10	7.	7.85	14.	2.5	21.503	4.637	2.5	2.5	12.5	14.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	10	3.5	3.55	6.	0.	3.414	1.848	0.25	2.5	5.25	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	10	4.5	5.05	10.	2.5	7.414	2.723	2.5	2.5	7.25	9.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	10	0.1	0.26	1.4	0.05	0.179	0.423	0.05	0.05	0.275	1.31
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	10 ##	0.008	0.012	0.05	0.005	0.	0.014	0.005	0.005	0.01	0.046
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	10	0.6	0.664	1.4	0.05	0.219	0.467	0.06	0.263	1.118	1.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	9	0.6	0.594	1.7	0.05	0.224	0.473	0.05	0.25	0.7	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	10 ##	0.05	0.08	0.2	0.05	0.002	0.048	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	10	0.02	0.043	0.18	0.005	0.003	0.056	0.005	0.009	0.055	0.172
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	10	8.5	8.9	12.	7.	2.322	1.524	7.1	8.	9.5	11.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	200.	2327.778	8000.	50.	12127569.444	3482.466	50.	50.	6100.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	2.301	2.589	3.903	1.699	0.918	0.958	1.699	1.699	3.763	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			388.497								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	11	13.	13.745	29.1	0.2	108.195	10.402	0.26	3.	22.	28.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	11	214.	305.545	1190.	23.	94152.073	306.842	51.4	186.	296.	1030.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	11	11.4	10.727	12.2	8.	1.966	1.402	8.2	9.5	11.9	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	11	2.	2.364	5.	1.	1.455	1.206	1.	1.	3.	4.6
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	11	13.	12.364	22.	4.	42.055	6.485	4.	6.	18.	22.
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	11	7.8	8.027	9.2	6.8	0.766	0.875	6.84	7.3	9.	9.16
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	11	7.8	7.455	9.2	6.8	1.126	1.061	6.84	7.3	9.	9.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	11	0.016	0.035	0.158	0.001	0.003	0.051	0.001	0.001	0.05	0.147
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	11 ##	2.5	5.682	28.	2.5	62.914	7.932	2.5	2.5	2.5	24.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	11 ##	2.5	2.682	5.	2.	0.614	0.783	2.1	2.5	2.5	4.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	11 ##	2.5	5.045	23.	2.5	40.523	6.366	2.5	2.5	2.5	20.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	11 ##	0.05	0.073	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	11	0.01	0.012	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.036
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	11	0.59	0.565	1.4	0.07	0.185	0.43	0.07	0.1	0.8	1.34
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	11	0.2	0.3	0.9	0.1	0.078	0.279	0.1	0.1	0.5	0.86

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Annual Analysis for 1981 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	11	0.02	0.022	0.05	0.005	0.	0.013	0.006	0.01	0.03	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	11	8.	8.045	26.	0.5	47.623	6.901	0.8	3.	9.	23.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11	100.	300.	1000.	50.	107000.	327.109	50.	50.	500.	940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	11	2.	2.213	3.	1.699	0.265	0.514	1.699	1.699	2.699	2.969
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			163.201								

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Annual Analysis for 1982 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	9	17.7	17.811	28.5	5.5	78.914	8.883	5.5	8.3	26.85	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	10	231.5	317.6	893.	72.	51811.6	227.622	84.4	196.	399.	845.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	9	10.3	10.567	12.6	8.6	1.742	1.32	8.6	9.65	11.9	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	10	2.5	2.5	5.	1.	1.833	1.354	1.	1.	3.25	4.9
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	10	11.5	13.	23.	6.	33.556	5.793	6.1	8.5	19.	22.6
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.65	7.94	9.3	7.2	0.649	0.806	7.2	7.35	8.875	9.28
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	10	7.647	7.563	9.3	7.2	0.808	0.899	7.2	7.35	8.875	9.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	10	0.023	0.027	0.063	0.001	0.001	0.024	0.001	0.001	0.046	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	10 ##	2.5	5.	17.	2.5	20.722	4.552	2.5	2.5	6.25	16.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	10 ##	2.5	4.3	16.	2.	18.067	4.25	2.05	2.5	5.	14.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	10 ##	2.5	2.2	4.	0.	1.122	1.059	0.1	1.75	2.5	3.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	10 ##	0.05	0.09	0.2	0.05	0.004	0.061	0.05	0.05	0.125	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	10	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.013	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	10	0.5	0.511	1.3	0.1	0.153	0.391	0.106	0.16	0.7	1.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	10	0.3	0.31	0.5	0.1	0.019	0.137	0.11	0.2	0.425	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	10	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	10	5.	5.	9.	1.	6.	2.449	1.1	3.5	7.	8.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	300.	316.667	700.	50.	66875.	258.602	50.	50.	550.	700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	2.477	2.308	2.845	1.699	0.236	0.486	1.699	1.699	2.724	2.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			203.099								

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Annual Analysis for 1983 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	12	15.85	15.658	28.2	5.5	68.51	8.277	5.95	7.375	23.25	26.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	12	183.	323.667	1778.	140.	211676.061	460.083	140.6	152.75	256.	1324.1
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	12	11.45	11.058	13.2	8.8	2.332	1.527	8.86	9.4	12.15	13.14
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	12	2.	1.917	4.	1.	0.811	0.9	1.	1.	2.	3.7
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	12	12.5	14.667	36.	7.	71.152	8.435	7.6	9.	14.75	33.3
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	12	7.5	7.55	8.5	7.	0.205	0.452	7.03	7.2	7.8	8.38
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	12	7.489	7.383	8.5	7.	0.235	0.485	7.03	7.2	7.8	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	12	0.032	0.041	0.1	0.003	0.001	0.031	0.005	0.016	0.063	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	12 ##	2.5	5.	16.	2.5	20.364	4.513	2.5	2.5	6.5	14.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	12 ##	2.5	3.167	8.	1.	4.333	2.082	1.3	2.5	2.5	7.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	12 ##	2.5	3.5	8.	2.5	3.364	1.834	2.5	2.5	4.5	7.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	12 ##	0.05	0.083	0.2	0.05	0.003	0.058	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	12	0.01	0.027	0.19	0.005	0.003	0.052	0.005	0.005	0.018	0.145
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	12	0.615	1.378	6.96	0.07	4.373	2.091	0.139	0.433	0.773	6.192
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	12	0.55	0.688	2.4	0.2	0.356	0.597	0.23	0.363	0.675	2.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

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Annual Analysis for 1983 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	12	0.01	0.015	0.04	0.005	0.	0.01	0.007	0.01	0.018	0.037
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	12	5.5	5.	8.	2.	2.727	1.651	2.3	4.	6.	7.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	12	300.	516.667	1700.	50.	339242.424	582.445	50.	100.	750.	1670.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	12	2.452	2.426	3.23	1.699	0.302	0.55	1.699	2.	2.872	3.223
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			266.881								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	8	11.75	15.338	30.	1.5	135.028	11.62	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	9	193.	181.778	335.	21.	7254.194	85.172	21.	137.	221.5	335.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	8	11.6	12.15	17.3	8.8	7.274	2.697	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	9	2.	2.056	5.	0.5	2.028	1.424	0.5	1.	3.	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	9	7.	9.889	27.	4.	55.611	7.457	4.	5.5	13.	27.
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	9	7.3	7.433	8.9	6.4	0.475	0.689	6.4	7.05	7.75	8.9
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	9	7.3	7.074	8.9	6.4	0.62	0.788	6.4	7.05	7.75	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	9	0.05	0.084	0.398	0.001	0.015	0.122	0.001	0.018	0.09	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	5.944	24.	2.5	55.715	7.464	2.5	2.5	7.25	24.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	3.389	9.	2.5	4.674	2.162	2.5	2.5	3.25	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	4.5	15.	2.5	18.813	4.337	2.5	2.5	5.25	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	9 ##	0.05	0.08	0.2	0.05	0.003	0.052	0.05	0.05	0.11	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	9	0.01	0.02	0.06	0.005	0.	0.018	0.005	0.008	0.03	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	9	0.54	0.593	0.94	0.36	0.042	0.206	0.36	0.43	0.79	0.94
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	9	0.3	0.3	0.6	0.1	0.02	0.141	0.1	0.2	0.35	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	9	0.01	0.019	0.07	0.005	0.	0.02	0.005	0.01	0.025	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	9	4.	4.778	9.	3.	4.194	2.048	3.	3.	6.	9.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	100.	247.778	900.	50.	91294.444	302.15	50.	50.	415.	900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	9	2.	2.132	2.954	1.699	0.243	0.493	1.699	1.699	2.57	2.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			135.624								

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Annual Analysis for 1985 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	8	22.5	18.5	28.	1.	100.786	10.039	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	8	229.	209.625	286.	34.	6828.268	82.633	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	8	9.95	10.988	14.8	8.3	4.97	2.229	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	9	2.	2.667	7.	1.	3.5	1.871	1.	1.5	3.5	7.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	9	10.	11.111	19.	4.	22.111	4.702	4.	8.	15.5	19.
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	8	7.35	7.538	9.1	5.7	1.18	1.086	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	8	7.347	6.538	9.1	5.7	2.322	1.524	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	8	0.045	0.29	1.995	0.001	0.477	0.691	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	8.056	44.	2.5	183.653	13.552	2.5	2.5	5.5	44.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	3.833	9.	2.5	4.875	2.208	2.5	2.5	5.	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	9 ##	2.5	5.611	35.	0.	122.236	11.056	0.	1.5	2.5	35.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	8 ##	0.05	0.075	0.2	0.05	0.003	0.053	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	8	0.01	0.015	0.04	0.005	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	8	0.465	0.519	0.93	0.025	0.125	0.354	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	7	0.3	0.314	0.4	0.2	0.008	0.09	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	7 ##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	8	0.02	0.026	0.07	0.005	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	9	5.	6.778	21.	3.	34.694	5.89	3.	3.	8.5	21.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	8 ##	75.	287.5	1200.	50.	171250.	413.824	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	8 ##	1.849	2.119	3.079	1.699	0.301	0.549	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			131.607								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	7	20.	15.743	26.2	2.	94.61	9.727	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	8	256.5	276.	382.	197.	5244.	72.415	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	7	12.8	11.829	14.4	9.1	4.496	2.12	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	8	1.	1.75	4.	1.	1.357	1.165	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	8	11.	13.	27.	6.	52.857	7.27	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	8	7.65	7.612	8.3	6.7	0.27	0.519	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	8	7.647	7.333	8.3	6.7	0.359	0.599	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	8	0.023	0.047	0.2	0.005	0.004	0.064	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	8 ##	2.5	4.938	10.	2.5	11.603	3.406	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	8 ##	2.5	2.813	5.	2.	0.853	0.923	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	8 ##	2.5	3.688	8.	2.5	3.924	1.981	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	8 ##	0.05	0.081	0.3	0.05	0.008	0.088	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	8	0.01	0.016	0.04	0.005	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	8	0.565	0.578	1.1	0.26	0.089	0.298	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	8	0.4	0.438	0.7	0.3	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	8 ##	0.05	0.094	0.2	0.05	0.005	0.068	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	8 ##	0.013	0.016	0.03	0.005	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	8	5.	5.875	10.	4.	4.411	2.1	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	8 ##	50.	1743.75	8000.	50.	9996741.071	3161.762	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	8 ##	1.699	2.305	3.903	1.699	0.922	0.96	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			201.798								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	4	18.	20.45	28.3	17.5	27.443	5.239	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	3	270.	274.	290.	262.	208.	14.422	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	4	10.	9.525	10.8	7.3	2.343	1.531	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	3	2.	1.833	3.	0.5	1.583	1.258	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	3	12.	12.	15.	9.	9.	3.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	4	7.55	7.852	9.01	7.3	0.651	0.807	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	4	7.482	7.534	9.01	7.3	0.787	0.887	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	4	0.033	0.029	0.05	0.001	0.001	0.025	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	3 ##	2.5	5.	10.	2.5	18.75	4.33	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	3 ##	2.5	5.	10.	2.5	18.75	4.33	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	3	0.48	0.473	0.55	0.39	0.006	0.08	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	3	0.4	0.467	0.6	0.4	0.013	0.115	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	3	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	2 ##	375.	375.	700.	50.	211250.	459.619	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	2 ##	2.272	2.272	2.845	1.699	0.657	0.81	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			187.083								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	40	23.5	22.418	33.5	1.5	52.414	7.24	13.2	18.575	26.65	30.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	25	190.	179.4	287.	23.	3254.917	57.052	86.4	151.	215.5	242.8
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	40	9.45	9.727	17.3	6.4	3.034	1.742	8.04	8.8	10.4	11.58
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	26	1.	1.827	7.	0.5	1.939	1.392	1.	1.	2.25	3.3
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	26	11.5	13.115	27.	2.	41.466	6.439	6.	8.	19.	22.3
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	42	7.7	7.867	10.	1.	1.813	1.346	7.13	7.475	8.725	9.2
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	42	7.7	2.623	10.	1.	29.977	5.475	7.13	7.475	8.725	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	42	0.02	2380.976	100000.	0.	238095121.377	15430.331	0.001	0.002	0.034	0.075
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	26 ##	2.5	8.058	66.	2.	173.427	13.169	2.5	2.5	8.5	18.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	26 ##	2.5	3.212	7.	2.	1.903	1.38	2.35	2.5	4.	5.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	26 ##	2.5	6.288	59.	0.	135.103	11.623	2.	2.5	5.	13.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	42 ##	0.05	0.061	0.2	0.05	0.001	0.029	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	42 ##	0.005	0.011	0.06	0.005	0.	0.012	0.005	0.005	0.01	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	33	0.26	0.289	0.79	0.025	0.039	0.197	0.07	0.125	0.435	0.602
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	41	0.3	0.311	0.9	0.05	0.032	0.179	0.1	0.2	0.4	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	25 ##	0.05	0.072	0.2	0.05	0.002	0.043	0.05	0.05	0.1	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	25	0.02	0.021	0.1	0.005	0.	0.02	0.005	0.01	0.03	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	26	6.	6.135	12.	0.5	7.631	2.762	2.	4.75	8.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	40	100.	761.25	8000.	50.	3305703.526	1818.159	50.	50.	475.	1790.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	40	2.	2.234	3.903	1.699	0.436	0.66	1.699	1.699	2.675	3.253
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			171.449								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	47	6.	6.049	16.	0.2	14.294	3.781	0.96	3.	8.5	11.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	30	261.	384.8	1778.	129.	128629.752	358.65	155.	220.	369.75	929.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	45	12.2	12.32	14.8	9.6	1.336	1.156	10.72	11.6	13.1	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	31	2.	2.806	6.	1.	1.961	1.4	1.	2.	4.	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	30	12.5	13.8	36.	4.	60.097	7.752	4.1	9.	18.	27.
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	46	7.3	7.324	9.	5.7	0.238	0.488	6.87	7.15	7.5	7.76
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	46	7.3	6.977	9.	5.7	0.361	0.601	6.87	7.15	7.5	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	46	0.05	0.105	1.995	0.001	0.085	0.292	0.018	0.032	0.072	0.136
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	30	5.	6.167	24.	2.5	28.644	5.352	2.5	2.5	7.	15.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	30	2.5	3.833	16.	1.	8.506	2.916	2.	2.5	5.	7.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	30	2.5	3.5	15.	0.	9.586	3.096	1.	2.5	3.25	8.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	48 ##	0.05	0.161	1.4	0.01	0.067	0.259	0.05	0.05	0.2	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	48	0.01	0.013	0.05	0.005	0.	0.01	0.005	0.005	0.018	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	37	0.88	0.96	6.96	0.21	1.134	1.065	0.336	0.575	0.97	1.32
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	48	0.3	0.435	2.4	0.05	0.199	0.446	0.1	0.2	0.5	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	30 ##	0.05	0.06	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	30	0.025	0.033	0.18	0.005	0.001	0.035	0.006	0.01	0.033	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	30	6.	7.033	26.	1.	27.206	5.216	2.1	4.	9.	11.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	49	100.	713.878	8000.	50.	3127061.735	1768.35	50.	50.	500.	1600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	49	2.	2.224	3.903	1.699	0.422	0.65	1.699	1.699	2.69	3.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			167.548								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-06/01/87	37	22.	21.241	30.	7.3	36.581	6.048	11.08	16.8	26.	29.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-06/01/87	22	238.5	234.727	417.	21.	8630.398	92.9	76.6	195.25	275.	371.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-06/01/87	36	10.15	10.267	13.	7.3	1.498	1.224	8.88	9.425	11.15	11.86
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-06/01/87	22	2.	1.886	6.	0.5	1.379	1.174	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-06/01/87	22	11.	10.864	26.	4.	22.409	4.734	6.	7.	12.5	15.7
00400	PH (STANDARD UNITS)	09/19/74-06/01/87	37	8.2	8.214	9.5	7.	0.566	0.752	7.26	7.6	8.95	9.22
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-06/01/87	37	8.2	7.715	9.5	7.	0.822	0.906	7.26	7.6	8.95	9.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-06/01/87	37	0.006	0.019	0.1	0.	0.001	0.027	0.001	0.001	0.025	0.056
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-06/01/87	22 ##	2.5	5.75	44.	2.5	82.327	9.073	2.5	2.5	3.625	11.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-06/01/87	21 ##	2.5	3.095	9.	0.	3.29	1.814	2.5	2.5	2.5	5.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-06/01/87	22 ##	2.5	4.841	35.	2.5	49.366	7.026	2.5	2.5	3.375	9.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-06/01/87	37 ##	0.05	0.062	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	37	0.01	0.018	0.19	0.005	0.001	0.031	0.005	0.005	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-06/01/87	29	0.54	0.67	4.4	0.1	0.572	0.756	0.27	0.385	0.645	0.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-06/01/87	36	0.3	0.347	1.2	0.1	0.048	0.22	0.1	0.2	0.475	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-06/01/87	21 ##	0.05	0.06	0.2	0.05	0.001	0.034	0.05	0.05	0.05	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-06/01/87	22	0.01	0.01	0.05	0.005	0.	0.01	0.005	0.005	0.01	0.017
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-06/01/87	22	5.	5.591	12.	3.	5.872	2.423	3.	3.75	8.	8.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	35	100.	421.429	4200.	50.	654159.664	808.801	50.	50.	300.	1480.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-05/04/87	35	2.	2.176	3.623	1.699	0.324	0.569	1.699	1.699	2.477	3.169
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			150.007								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0152

NPS Station ID: GWMP0152
LAT/LON: 38.808337/ -77.024449
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: POTOMAC EAST CHANNEL WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PEC02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 2.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.17
Distance from RF3: 0.07
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION:POTOMAC EAST CHANNEL WASH.,D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATING AFFAIRS

Parameter Inventory for Station: GWMP0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0153

NPS Station ID: GWMP0153
LAT/LON: 38.808337/ -77.075282
Agency: 112WRD
Date Created: / /
Location: TAYLOR RUN AT ALEXANDRIA, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01653410
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 5.20
On/Off RF1:
RF3 Index: 02070010059200.00
RF3 Mile Point: 0.23
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-04/28/69	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-04/28/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-04/28/69	1	355.	355.	355.	355.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-04/28/69	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-04/28/69	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-04/28/69	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-04/28/69	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-04/28/69	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-04/28/69	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-04/28/69	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-04/28/69	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-04/28/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-04/28/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-04/28/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-04/28/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-04/28/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-04/28/69	1	213.	213.	213.	213.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-04/28/69	1	201.	201.	201.	201.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-04/28/69	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-04/28/69	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-04/28/69	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0154

NPS Station ID: GWMP0154
LAT/LON: 38.811115/ -77.008059
Agency: 21MD30WQ
Date Created: / /
Location: OXEN CREEK W OF FOREST HEIGHTS
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OXN-00.5 /PG-3 /MD-9
RMI-Indexes: 0214001 002600
Within Park Boundary: Yes
RMI-Miles: 0102.90 0000.50
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 8.30
On/Off RF1:
RF3 Index: 02070010072700.60
RF3 Mile Point: 0.66
Distance from RF3: 0.44
On/Off RF3:
Description:
SAMPLED BY MARYLAND DEPARTMENT OF WATER RESOURCES AT END OF UNNAMED ROAD TO OXEN CREEK WEST OF FOREST HEIGHTS

Parameter Inventory for Station: GWMP0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0155

NPS Station ID: GWMP0155 LAT/LON: 38.811670/ -77.111115 Agency: 21VASWCB Date Created: 04/10/93
Location: ROUTE 236 (ALEXANDRIA CITY) FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHOR000.24
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: HOLMES RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/29/89	5	25.3	19.94	32.	6.	155.243	12.46	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/88-11/29/89	3	1.5	1.967	3.3	1.1	1.373	1.172	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/88-08/01/88	2	264.5	264.5	272.	257.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/89-11/29/89	1	359.	359.	359.	359.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/29/89	4	8.1	8.65	12.6	5.8	8.65	2.941	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/29/89	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/19/74-11/29/89	5	9.	14.6	32.	6.	121.3	11.014	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/29/89	5	7.9	8.04	9.6	7.	0.963	0.981	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/29/89	5	7.9	7.521	9.6	7.	1.3	1.14	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/29/89	5	0.013	0.03	0.1	0.	0.002	0.041	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/19/74-11/29/89	4	7.3	7.625	9.	6.9	0.902	0.95	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-11/29/89	4	7.255	7.226	9.	6.9	1.115	1.056	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/29/89	4	0.056	0.059	0.126	0.001	0.003	0.055	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-11/29/89	4	48.5	154.5	483.	38.	48013.667	219.12	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/29/89	3	194.	166.	195.	109.	2437.	49.366	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/29/89	3	30.	33.	40.	29.	37.	6.083	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/29/89	3	155.	133.	165.	79.	2212.	47.032	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/29/89	5 ##	0.5	19.5	94.	0.5	1734.875	41.652	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/29/89	5 ##	0.5	4.4	20.	0.5	76.05	8.721	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/29/89	5 ##	0.5	15.5	74.	0.5	1069.875	32.709	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/29/89	5 ##	0.04	0.036	0.05	0.02	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/29/89	5	0.01	0.042	0.16	0.005	0.004	0.066	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/29/89	5 ##	0.02	0.162	0.43	0.005	0.044	0.21	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/29/89	5	0.4	0.38	0.5	0.2	0.012	0.11	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/74-11/29/89	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/29/89	5 ##	0.01	0.02	0.05	0.005	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/29/89	5	4.	6.3	12.	3.7	13.42	3.663	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-11/29/89	4	64.5	65.25	76.	56.	67.583	8.221	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/29/89-11/29/89	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/29/89-11/29/89	1	41800.	41800.	41800.	41800.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/29/89-11/29/89	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/74-11/29/89	3	24.	36.	75.	9.	1197.	34.598	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/89-11/29/89	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	11/29/89-11/29/89	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/88-11/29/89	3 ##	2.	2.	2.5	1.5	0.25	0.5	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/01/88-11/29/89	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/88-11/29/89	3 ##	0.5	0.833	1.5	0.5	0.333	0.577	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	2 ##	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	2	45.	45.	64.	26.	722.	26.87	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/88-11/29/89	3 ##	10.	13.333	25.	5.	108.333	10.408	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/88-11/29/89	3	40.	38.333	50.	25.	158.333	12.583	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/01/88-11/29/89	2	28.5	28.5	48.	9.	760.5	27.577	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/29/89-11/29/89	1	470.	470.	470.	470.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/88-11/29/89	3 ##	1.5	1.667	2.5	1.	0.583	0.764	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/01/88-11/29/89	2	47.5	47.5	88.	7.	3280.5	57.276	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/29/89-11/29/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/88-11/29/89	3 ##	10.	13.333	25.	5.	108.333	10.408	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/88-11/29/89	2	20.5	20.5	32.	9.	264.5	16.263	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/88-11/29/89	3	20.	30.	50.	20.	300.	17.321	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/01/88-11/29/89	2	112.5	112.5	200.	25.	15312.5	123.744	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-09/19/74	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			300.								
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/88-11/29/89	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/01/88-11/29/89	2 ##	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	5	1	0.20	4	1	0.25	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	4	1	0.25	3	1	0.33	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00	4	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	4	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	0	0.00	2	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	0	0.00	2	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	2	2	1.00									
		Drinking Water	1300.	3	0	0.00	2	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	15.	3	0	0.00	2	0	0.00	1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5000.	3	0	0.00	2	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	2.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0156

NPS Station ID: GWMP0156
LAT/LON: 38.812226/ -77.027781
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: POTOMAC EAST CHANNEL WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PEC01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.220
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 02070010002900.85
RF3 Mile Point: 6.15
Distance from RF3: 0.10
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION:POTOMAC EAST CHANNEL WASH.,D.C.
PARTICIPATING AGENCY: D.C. DEPT OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0157

NPS Station ID: GWMP0157 | LAT/LON: 38.812505/ -77.036670 | Agency: 112WRD | Date Created: 05/21/88
Location: POTOMAC RIVER AT BLUE PLAINS | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): 384815077011001
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 4.30 | On/Off RF1:
RF3 Index: 02070010062200.00 | RF3 Mile Point: 0.34 | Distance from RF3: 0.03 | On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/19/79-05/24/79	43	265.	283.744	480.	151.	8199.719	90.552	174.	195.	380.	410.
00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	43	4.8	5.495	16.	1.3	20.547	4.533	1.3	1.5	8.3	12.6
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	42	0.86	2.025	10.	0.	5.59	2.364	0.1	0.208	3.725	5.07
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	42	0.305	2.576	13.	0.	13.885	3.726	0.013	0.075	5.175	9.37
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	43	0.02	0.024	0.05	0.01	0.	0.008	0.014	0.02	0.03	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/19/79-05/22/80	44	0.945	0.763	1.1	0.	0.109	0.329	0.205	0.45	0.98	1.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/19/79-05/24/79	43	3.8	4.753	16.	0.19	24.223	4.922	0.248	0.54	7.7	12.6
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/19/79-05/24/79	43	0.51	1.423	8.	0.	4.224	2.055	0.	0.11	2.	4.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/79-05/24/79	43	5.2	5.985	21.	0.32	31.574	5.619	0.528	0.67	11.	13.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/19/79-05/24/79	43	1.	0.812	1.1	0.2	0.092	0.303	0.3	0.5	1.	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/19/79-05/24/79	43	0.126	0.375	1.6	0.055	0.204	0.452	0.083	0.103	0.53	1.34
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/19/79-05/24/79	43	0.066	0.223	1.1	0.012	0.093	0.304	0.018	0.042	0.297	0.847
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/79-05/24/79	43	5.	6.956	19.	1.	20.743	4.555	3.44	3.9	9.1	15.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	2	4.8	4.8	5.1	4.5	0.18	0.424	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/19/79-05/24/79	43	6.5	6.921	10.	4.5	1.632	1.277	5.84	6.	7.7	9.24
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	40	15.4	17.42	62.5	0.	145.345	12.056	3.24	8.4	26.4	31.12
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	36	3.3	3.567	9.3	0.	5.617	2.37	0.91	1.825	4.35	8.28
32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	40	0.018	0.02	0.068	0.	0.	0.014	0.004	0.008	0.031	0.036
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/19/79-05/24/79	42	0.395	3.323	17.	0.	23.149	4.811	0.016	0.095	6.7	12.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/22/79-05/22/79	1	94.	94.	94.	94.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/19/79-05/22/80	44	4.2	3.352	4.8	0.	2.059	1.435	0.9	2.	4.3	4.7
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/19/79-05/24/79	43	0.07	0.08	0.16	0.03	0.001	0.025	0.046	0.07	0.1	0.1
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0157

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0158

NPS Station ID: GWMP0158
LAT/LON: 38.813337/ -77.033059
Agency: 1113UPBA
Date Created: / /
Location: PO.R. BLUE PLAINS NEAR R"8" FLR
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 011 /011 /8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 2.230
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0159

NPS Station ID: GWMP0159
LAT/LON: 38.813503/ -77.032920
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER, BELLEVUE, NUN 8
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-004 /004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.54
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	123	23.	19.715	30.9	2.	62.223	7.888	7.2	15.	25.7	28.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	29	18.	22.072	75.	3.2	244.028	15.621	9.	11.	25.	50.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	18	10.	13.617	35.	4.7	79.336	8.907	6.32	8.85	15.5	29.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	50	17.5	19.78	84.	4.	163.522	12.788	10.1	13.75	22.25	33.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	25	0.61	0.615	1.02	0.25	0.046	0.215	0.292	0.48	0.76	0.918
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	16	370.	344.313	450.	200.	4581.563	67.687	235.	290.25	389.	433.2
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	9	0.2	0.189	0.3	0.	0.008	0.089	0.	0.15	0.25	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	11	6.3	6.445	9.3	4.7	1.737	1.318	4.76	5.2	7.4	8.94
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	120	7.55	7.767	14.	1.7	9.304	3.05	3.52	5.825	9.475	12.36
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	24	2.8	3.3	6.9	0.5	3.053	1.747	1.	2.025	4.875	5.75
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.38	7.347	8.1	6.7	0.152	0.39	6.71	7.033	7.65	7.763
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.373	7.183	8.1	6.7	0.181	0.425	6.71	7.033	7.65	7.763
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	20	0.042	0.066	0.2	0.008	0.004	0.06	0.017	0.022	0.094	0.195
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	7	0.09	0.083	0.1	0.06	0.	0.014	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	23	0.517	0.61	2.76	0.02	0.394	0.628	0.021	0.092	0.951	1.296
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	85	0.22	0.673	2.95	0.023	0.619	0.787	0.086	0.118	1.063	1.9
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.046	4.474	110.	0.005	483.33	21.985	0.01	0.029	0.147	0.221
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.77	0.912	1.67	0.26	0.166	0.407	0.466	0.64	1.16	1.62
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	26	0.744	0.877	3.018	0.215	0.415	0.644	0.222	0.32	1.193	1.786
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	111	0.936	1.191	4.547	0.212	0.698	0.836	0.402	0.606	1.473	2.321
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	86	0.82	0.875	2.96	0.14	0.217	0.465	0.367	0.51	1.14	1.292
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	98	0.59	0.891	5.01	0.05	0.768	0.877	0.239	0.338	1.143	1.932
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	13	0.16	0.272	1.11	0.04	0.083	0.288	0.044	0.105	0.395	0.862
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	86	0.31	0.582	3.87	0.02	0.566	0.752	0.08	0.158	0.65	1.467
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	14	0.138	0.134	0.184	0.069	0.001	0.033	0.079	0.111	0.162	0.179
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/01/81	12	0.062	0.065	0.099	0.038	0.	0.017	0.042	0.052	0.078	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	14	0.046	0.045	0.087	0.004	0.	0.022	0.011	0.024	0.056	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	92	6.2	6.388	17.5	0.5	8.374	2.894	3.13	4.225	7.9	10.22
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	8	3.1	2.588	4.9	0.5	2.427	1.558	**	**	**	**
00682	CARBON, DISSOLVED-INORGANIC + ORGANIC (MG/L ASC	07/31/79-07/31/79	1	36.1	36.1	36.1	36.1	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	55	23.6	22.88	38.1	7.2	45.055	6.712	14.6	17.7	27.8	30.88
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	2830.	2911.333	4440.	2050.	741010.667	860.82	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/77-07/06/77	1	9200.	9200.	9200.	9200.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/06/77-07/06/77	1	3.964	3.964	3.964	3.964	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9200.								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	1765.	1765.	3300.	230.	4712450.	2170.818	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	2.94	2.94	3.519	2.362	0.669	0.818	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			871.206								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	4	1240.	1500.	3500.	20.	2735800.	1654.025	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	4	2.888	2.655	3.544	1.301	1.05	1.025	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			452.078								
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.022	0.028	0.087	0.003	0.001	0.027	0.003	0.003	0.047	0.083
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.16	0.16	0.17	0.15	0.	0.014	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.084	0.206	1.102	0.02	0.095	0.309	0.02	0.03	0.254	0.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	3	0.10	13	0	0.00	5	2	0.40	11	1	0.09			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	18	0	0.00	14	0	0.00				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	10	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	120	13	0.11	48	11	0.23	20	0	0.00	52	2	0.04			
00400	PH	Other-Hi Lim.	9.	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	25	1	0.04	19	1	0.05				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	25	0	0.00	19	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	86	0	0.00	30	0	0.00	20	0	0.00	36	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	3	0.75	4	3	0.75									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	27	23.	19.722	27.	4.	47.583	6.898	7.	18.	24.5	25.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	7.45	6.969	12.	1.7	9.965	3.157	2.18	3.975	8.725	11.59
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	24	0.151	0.667	2.83	0.023	0.914	0.956	0.066	0.102	1.073	2.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	23	1.094	1.372	4.547	0.255	1.035	1.017	0.581	0.751	1.473	3.221
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	24	0.805	0.981	2.96	0.38	0.372	0.61	0.48	0.593	1.128	1.93
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.62	1.289	5.01	0.18	1.824	1.351	0.255	0.445	2.188	3.74
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	24	0.32	0.88	3.87	0.11	1.287	1.135	0.14	0.19	1.225	3.145
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	16	6.8	6.675	10.4	3.1	4.933	2.221	3.31	4.675	8.4	9.91

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	17.45	17.709	29.	3.	55.893	7.476	4.85	14.725	23.525	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	22	7.45	7.482	14.	2.	10.589	3.254	2.39	5.7	8.95	12.81
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	12	0.911	1.03	2.939	0.153	0.733	0.856	0.158	0.301	1.141	2.776
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	1.556	1.601	3.86	0.212	1.185	1.089	0.218	0.911	1.918	3.684
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	12	0.555	0.682	1.39	0.24	0.174	0.417	0.24	0.363	1.018	1.369
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	1.1	1.171	2.61	0.27	0.485	0.697	0.282	0.622	1.658	2.406
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	12	0.805	0.89	2.47	0.24	0.416	0.645	0.258	0.375	1.03	2.251
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	6.45	6.03	9.8	1.8	6.665	2.582	1.9	3.625	8.125	9.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	14.25	15.964	25.	3.5	70.172	8.377	3.75	7.375	24.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	8.85	9.207	14.	3.2	12.767	3.573	3.35	6.4	12.925	13.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	14	0.268	0.664	1.69	0.045	0.432	0.658	0.05	0.11	1.3	1.685
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	14	0.736	1.168	2.803	0.27	0.653	0.808	0.33	0.548	1.744	2.607
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	14	1.125	0.984	1.47	0.5	0.123	0.351	0.505	0.555	1.27	1.44
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	14	0.835	0.888	1.95	0.23	0.327	0.572	0.255	0.303	1.24	1.855
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	14	0.425	0.46	1.35	0.08	0.152	0.39	0.085	0.14	0.665	1.215
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	14	7.25	7.657	15.7	3.4	11.423	3.38	3.5	5.55	9.325	13.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	15.	16.694	27.	4.5	54.945	7.413	4.95	10.75	25.	26.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	8.95	8.222	13.4	2.7	10.005	3.163	4.41	5.1	11.05	13.22
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	18	0.198	0.575	2.95	0.065	0.633	0.796	0.065	0.103	0.76	2.275
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	0.885	1.041	3.05	0.273	0.473	0.688	0.299	0.599	1.257	2.272
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	18	1.	0.921	1.68	0.36	0.168	0.41	0.378	0.485	1.15	1.671
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.525	0.796	3.47	0.15	0.616	0.785	0.168	0.285	1.043	1.85
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	18	0.195	0.417	2.28	0.07	0.281	0.53	0.079	0.15	0.443	1.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	18	6.45	7.217	17.5	2.6	13.389	3.659	3.32	4.575	9.1	12.19

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	10	24.5	19.	28.5	2.	112.389	10.601	2.05	7.	27.	28.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	10	7.35	8.34	13.9	4.1	12.016	3.466	4.17	5.775	11.825	13.88
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	10	0.138	0.384	1.401	0.09	0.179	0.423	0.091	0.099	0.602	1.331
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	10	0.647	0.9	2.365	0.484	0.339	0.582	0.487	0.528	1.12	2.256
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	10	0.54	0.565	1.01	0.14	0.117	0.343	0.144	0.233	0.928	1.01
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	10	0.425	0.582	1.68	0.17	0.193	0.439	0.18	0.308	0.75	1.596
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	10	0.12	0.26	1.07	0.02	0.111	0.334	0.021	0.03	0.438	1.015
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	5.95	6.2	11.8	2.6	5.604	2.367	2.84	5.	7.075	11.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.5	27.625	29.5	26.	2.229	1.493	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	5.85	5.85	7.5	4.2	2.297	1.515	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	4	0.6	0.649	1.264	0.131	0.314	0.561	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	4	1.174	1.158	1.761	0.522	0.349	0.591	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	4	0.895	0.93	1.16	0.77	0.034	0.185	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.565	0.565	0.65	0.48	0.008	0.087	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	4	0.235	0.243	0.32	0.18	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	4	6.9	6.55	9.7	2.7	9.83	3.135	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	16.25	16.25	29.	3.5	325.125	18.031	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	10.85	10.85	13.2	8.5	11.045	3.323	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	1	0.098	0.098	0.098	0.098	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.481	0.481	0.608	0.353	0.033	0.18	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	1.095	1.095	1.18	1.01	0.014	0.12	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.23	0.23	0.41	0.05	0.065	0.255	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	6.75	6.75	7.9	5.6	2.645	1.626	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	21.9	21.9	28.9	14.9	98.	9.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	5.35	5.35	6.3	4.4	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	2	1.328	1.328	1.7	0.956	0.277	0.526	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	2.304	2.304	2.332	2.275	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	2	0.805	0.805	1.19	0.42	0.296	0.544	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.755	0.755	0.88	0.63	0.031	0.177	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	2	0.32	0.32	0.39	0.25	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	8.85	8.85	8.9	8.8	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	23.85	22.925	29.5	16.5	19.818	4.452	16.77	17.875	26.975	28.87
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	9.1	8.436	9.7	6.3	1.465	1.21	6.44	7.4	9.5	9.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.844	0.993	3.685	0.313	0.852	0.923	0.333	0.402	1.204	2.981
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.345	0.462	1.43	0.21	0.114	0.338	0.219	0.273	0.515	1.223
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	4.5	4.067	5.9	0.5	2.44	1.562	0.5	3.4	5.05	5.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	7	28.7	28.7	30.9	25.8	4.367	2.09	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	6	5.55	5.833	7.3	4.9	0.975	0.987	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	1.323	1.339	2.002	0.662	0.221	0.47	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	7	3.5	3.929	5.9	2.7	1.442	1.201	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.9	25.2	30.	18.4	17.665	4.203	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	7.4	8.46	12.4	6.4	5.668	2.381	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.835	0.831	1.369	0.468	0.098	0.313	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	52	25.75	24.687	30.9	14.	20.621	4.541	15.45	24.	27.725	29.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	19	18.	17.368	26.	4.	34.801	5.899	11.	12.	23.	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	48	6.	5.787	12.4	1.7	5.829	2.414	2.27	4.125	7.4	9.11
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	18	3.7	3.85	6.9	2.	2.553	1.598	2.	2.175	5.25	6.
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.2	7.164	7.77	6.7	0.12	0.346	6.7	6.85	7.38	7.742
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.2	7.05	7.77	6.7	0.134	0.365	6.7	6.85	7.38	7.742
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.063	0.089	0.2	0.017	0.004	0.063	0.018	0.042	0.142	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	30	0.968	1.166	2.939	0.131	0.871	0.933	0.164	0.224	1.825	2.698
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	49	1.233	1.562	4.547	0.378	0.934	0.966	0.62	0.901	2.094	3.273
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	30	0.56	0.806	2.96	0.14	0.417	0.646	0.261	0.38	1.123	1.464
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	38	0.715	1.162	5.01	0.24	1.18	1.086	0.346	0.523	1.49	2.782
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	30	0.43	0.922	3.87	0.14	1.079	1.039	0.18	0.265	1.08	2.986
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	39	6.8	6.987	17.5	2.6	10.123	3.182	2.9	4.6	8.9	11.2
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	23	26.	27.374	38.1	21.3	22.635	4.758	21.38	23.8	30.3	35.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	20	5.	6.15	12.	2.	9.582	3.095	2.55	3.5	8.5	11.35
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	10	20.	29.5	84.	6.	605.167	24.6	6.	12.	41.25	81.3
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	20	12.95	12.375	14.	9.7	1.871	1.368	10.6	11.125	13.625	13.99
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	19	0.135	0.456	2.95	0.045	0.488	0.699	0.055	0.09	0.692	1.34
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	20	0.582	0.792	3.05	0.231	0.398	0.631	0.276	0.493	0.875	1.464
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	20	1.15	1.161	1.68	0.85	0.056	0.236	0.903	0.958	1.278	1.642
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	20	0.48	0.76	3.47	0.05	0.728	0.853	0.152	0.243	0.898	2.255
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	20	0.205	0.429	2.28	0.02	0.309	0.556	0.034	0.083	0.585	1.276
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	20	4.8	5.	11.5	1.8	4.146	2.036	2.86	3.65	6.075	7.1
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	12	18.3	19.983	31.9	14.3	31.251	5.59	14.45	15.3	24.55	30.19

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	51	19.5	19.965	29.	7.5	27.778	5.271	11.4	16.6	24.5	25.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-10/31/77	21	16.	17.333	36.	8.	37.933	6.159	10.2	14.	20.	25.8
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	52	7.7	7.821	12.	3.3	3.622	1.903	5.7	6.55	9.05	10.84
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	6	1.55	1.65	2.9	0.5	1.007	1.003	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.65	7.72	8.1	7.5	0.051	0.225	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.65	7.681	8.1	7.5	0.053	0.23	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	5	0.022	0.021	0.032	0.008	0.	0.008	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-10/31/77	36	0.138	0.377	1.465	0.023	0.19	0.436	0.079	0.099	0.698	1.107
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	42	0.759	0.947	2.41	0.212	0.292	0.54	0.336	0.548	1.326	1.736
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-10/31/77	36	0.795	0.774	1.22	0.24	0.089	0.298	0.345	0.513	1.053	1.152
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	40	0.45	0.699	2.7	0.18	0.32	0.566	0.225	0.32	1.108	1.459
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-10/31/77	36	0.195	0.383	1.75	0.02	0.16	0.4	0.065	0.15	0.508	0.994
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	33	6.4	6.521	15.7	0.5	7.67	2.769	3.22	4.95	7.9	9.4
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	20	18.7	19.45	30.2	7.2	41.618	6.451	9.82	16.925	25.55	27.95

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0160

NPS Station ID: GWMP0160 | LAT/LON: 38.813892/ -77.034171 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: OPPOSITE SEWAGE TREAT. PLT.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS39
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0090.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010025 | RF1 Mile Point: 2.230 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010002502.07 | RF3 Mile Point: 2.40 | Distance from RF3: 0.18 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: OPPOSITE SEWAGE TREATMENT PLANT, MILE 95.6, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	62	16.15	15.982	30.2	1.	88.854	9.426	3.19	6.7	25.225	28.04
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	53.364	100.	0.	2237.455	47.302	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	52	294.	303.904	565.	120.	9439.069	97.155	182.2	236.25	369.75	454.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	61	8.2	8.398	13.7	1.4	8.639	2.939	4.64	6.6	10.65	12.48
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	50	7.6	7.626	8.6	6.9	0.159	0.398	7.11	7.3	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	50	7.6	7.473	8.6	6.9	0.183	0.427	7.11	7.3	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	50	0.025	0.034	0.126	0.003	0.001	0.028	0.006	0.013	0.05	0.078

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	5	0.08	21	0	0.00	23	4	0.17	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	50	0	0.00	19	0	0.00	19	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	50	0	0.00	19	0	0.00	19	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	22	25.65	24.745	30.2	16.	15.496	3.936	17.45	22.85	27.75	29.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	17	375.	369.059	565.	206.	7279.809	85.322	270.	296.	419.	485.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	21	7.2	7.119	9.6	4.8	1.299	1.14	5.52	6.5	7.7	8.78
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.4	7.421	8.	7.	0.072	0.268	7.1	7.2	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.4	7.351	8.	7.	0.077	0.277	7.1	7.2	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	19	0.04	0.045	0.1	0.01	0.001	0.024	0.016	0.025	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	5.6	5.917	12.4	1.	10.301	3.209	2.	3.1	7.6	11.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	21	290.	291.19	522.	120.	10013.462	100.067	133.2	234.	341.5	450.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	11.4	9.97	13.7	1.4	14.329	3.785	2.48	8.8	12.5	13.38
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.8	7.826	8.6	6.9	0.184	0.429	7.2	7.6	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.8	7.616	8.6	6.9	0.231	0.481	7.2	7.6	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	19	0.016	0.024	0.126	0.003	0.001	0.029	0.004	0.006	0.025	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	17	17.3	18.259	28.6	7.1	47.535	6.895	9.18	12.2	24.	28.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	14	237.	243.857	331.	155.	2969.67	54.495	166.5	194.25	294.	325.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	17	8.2	7.853	10.8	2.2	5.056	2.249	4.12	6.45	9.65	10.4
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	12	7.6	7.633	8.5	7.	0.146	0.382	7.09	7.4	7.85	8.35
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	12	7.6	7.503	8.5	7.	0.165	0.406	7.09	7.4	7.85	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	12	0.025	0.031	0.1	0.003	0.001	0.025	0.005	0.014	0.04	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0161

NPS Station ID: GWMP0161
LAT/LON: 38.814448/ -77.034726
Agency: 112WRD
Date Created: 12/02/81
Location: POTOMAC RIVER AT MARBURY POINT
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384852077020500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.21
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/28/83	558	28.35	26.934	34.	0.	29.446	5.426	24.3	26.9	29.4	30.41
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	107	2.7	3.207	11.	0.	11.37	3.372	0.	0.	6.	7.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/28/83	307	17.	12.388	48.	0.	148.441	12.184	0.	0.	24.	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	561	341.	349.642	521.	202.	2550.927	50.507	299.	314.5	372.	419.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-08/05/80	4	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	98	0.09	0.323	2.	0.	0.189	0.434	0.	0.	0.5	1.
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	42	167.5	220.238	1650.	0.	88649.942	297.741	0.	0.	327.5	550.
00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/28/83	559	5.4	4.413	12.9	0.	11.447	3.383	0.	0.	6.8	8.
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/13/79-08/26/81	74	0.	-0.059	0.	-1.5	0.052	0.228	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/13/79-08/26/81	53	10.7	10.158	18.	0.	10.088	3.176	5.74	8.5	12.	13.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/13/79-08/26/81	74	5.7	5.238	12.	0.	6.996	2.645	0.	4.1	7.125	8.1
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/13/79-08/26/81	53	4.4	4.206	11.3	0.	5.559	2.358	0.	2.75	5.75	6.92
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/05/80-08/05/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/80-09/28/83	551	7.	7.121	8.4	6.2	0.166	0.408	6.7	6.9	7.3	7.8
00400	CONVERTED PH (STANDARD UNITS)	06/17/80-09/28/83	551	7.	6.963	8.4	6.2	0.191	0.437	6.7	6.9	7.3	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-09/28/83	551	0.1	0.109	0.631	0.004	0.009	0.095	0.016	0.05	0.126	0.2
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	8	0.	0.213	1.7	0.	0.361	0.601	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/29/79	2	77.	77.	89.	65.	288.	16.971	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/19/79-09/28/83	61	2.	2.164	5.2	1.1	0.517	0.719	1.5	1.65	2.5	3.08
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/03/80-09/04/81	23	0.59	0.631	1.1	0.	0.078	0.28	0.238	0.49	0.87	1.
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-09/04/81	54	0.45	0.431	0.95	0.	0.041	0.204	0.105	0.33	0.543	0.65
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	61	0.52	0.54	1.5	0.04	0.091	0.301	0.158	0.305	0.745	0.892
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/80-09/04/81	23	0.27	0.418	1.5	0.07	0.158	0.398	0.106	0.17	0.46	1.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	60	0.105	0.118	0.33	0.02	0.005	0.07	0.04	0.06	0.17	0.21
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	61	0.84	1.062	3.1	0.	0.459	0.677	0.298	0.545	1.6	1.9
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/19/79-09/28/83	61	0.96	0.99	2.3	0.33	0.179	0.423	0.444	0.67	1.25	1.5
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/19/79-09/28/83	61	0.19	0.221	0.79	0.	0.046	0.213	0.	0.	0.375	0.572
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/79-09/28/83	62	1.2	1.151	2.	0.41	0.148	0.384	0.574	0.915	1.4	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/19/79-09/28/83	62	1.	1.2	3.2	0.3	0.471	0.686	0.33	0.7	1.7	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/79-09/28/83	62	0.133	0.139	0.208	0.061	0.001	0.036	0.094	0.114	0.161	0.197
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/19/79-09/28/83	61	0.047	0.049	0.095	0.009	0.	0.017	0.03	0.037	0.06	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	6	0.037	0.038	0.065	0.022	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	43	5.1	4.993	8.9	0.	2.69	1.64	3.04	4.3	5.8	6.86
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	33	3.2	3.258	5.	1.6	0.398	0.63	2.48	2.9	3.55	4.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	4	120.	113.25	120.	93.	182.25	13.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/29/79	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	4	34.	33.	37.	27.	18.667	4.32	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	4	7.75	7.425	8.1	6.1	0.849	0.922	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	4	15.5	17.25	24.	14.	20.917	4.573	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	4	0.6	0.675	0.9	0.6	0.023	0.15	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/25/81	4	23.	24.	29.	21.	12.667	3.559	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	4	3.35	3.5	4.1	3.2	0.18	0.424	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	4	17.5	20.	32.	13.	70.	8.367	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	4	45.5	46.75	58.	38.	68.917	8.302	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/22/81-08/25/81	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/79-09/28/83	59	4.6	4.158	6.5	0.8	3.37	1.836	1.6	2.3	5.9	6.3
01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/81-07/20/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	3	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	3	10.	16.667	30.	10.	133.333	11.547	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	22	5200.	7906.864	22100.	0.	61670221.647	7853.039	210.7	746.25	15750.	21470.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	22	3.716	3.402	4.344	0.	1.045	1.022	2.321	2.846	4.197	4.332
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2523.253								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	22	470.	931.727	3950.	0.	1265892.017	1125.119	9.	150.	1310.	3332.3
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	22	2.672	2.484	3.597	0.	0.941	0.97	0.443	2.161	3.116	3.511
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			304.747								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/28/83	322	29.	32.145	77.1	2.6	280.012	16.734	13.13	19.55	42.875	56.68
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-08/31/79	9	27.2	25.289	38.4	10.	107.751	10.38	10.	15.2	35.2	38.4
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/28/83	322	15.05	14.793	75.4	1.3	45.669	6.758	6.53	10.55	18.4	21.97
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/28/83	322	36.8	38.897	91.4	4.	317.645	17.823	18.93	26.875	49.825	63.67
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/19/79-08/31/79	9	17.3	17.111	28.	7.5	44.106	6.641	7.5	10.8	21.3	28.
32230	CHLOROPHYLL A (MG/L)	07/19/79-08/31/79	10	0.04	0.038	0.054	0.015	0.	0.013	0.015	0.027	0.047	0.054
60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	42	14500.	15686.905	43000.	2000.	74232812.137	8615.847	6010.	9900.	21125.	27150.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	4	183.5	182.25	213.	149.	688.917	26.247	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	4	0.25	0.248	0.29	0.2	0.001	0.037	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	09/15/80-09/15/80	3	18.	18.	18.	18.	0.	0.	**	**	**	**
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	26	2.4	3.978	18.2	0.4	16.37	4.046	0.78	1.375	5.45	9.37
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	24	23.	25.425	57.	15.5	78.3	8.849	18.5	19.625	27.25	36.5
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	24	16.75	19.7	51.	10.	80.047	8.947	13.	14.	22.75	31.75
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/03/80-02/04/81	7	1.1	1.	1.8	0.2	0.407	0.638	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-09/04/81	54	0.72	0.721	1.9	0.05	0.157	0.396	0.185	0.385	0.98	1.25
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-09/04/81	54	3.1	4.124	9.6	0.	6.341	2.518	1.25	2.375	6.725	8.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-09/04/81	54	0.345	0.386	1.1	0.07	0.058	0.24	0.115	0.16	0.568	0.705
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/79-08/31/79	7	0.43	0.413	0.43	0.37	0.001	0.024	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/79-09/28/83	49	19.	20.061	32.	6.	35.475	5.956	13.	16.5	24.5	30.
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/20/81-08/25/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/13/79-08/26/81	51	0.22	0.246	0.84	0.	0.038	0.194	0.	0.1	0.37	0.516
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/13/79-08/26/81	74	0.14	0.134	0.27	0.	0.004	0.063	0.	0.118	0.17	0.205
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/13/79-08/26/81	74	0.	0.069	1.4	0.	0.063	0.251	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/13/79-08/26/81	48	4.05	4.392	12.3	0.	8.011	2.83	1.	2.25	5.96	8.21
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	16	930.	8283.125	110000.	90.	742669529.583	27251.964	104.	230.	2100.	40700.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-10/16/81	16	2.968	2.948	5.041	1.954	0.603	0.776	2.015	2.362	3.315	4.341
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			886.341								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	16	2300.	2893.75	9300.	2300.	3160625.	1777.815	2300.	2300.	2400.	5800.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-10/16/81	16	3.362	3.422	3.968	3.362	0.026	0.16	3.362	3.362	3.38	3.734
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			2644.904								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	559	188	0.34	524	188	0.36	20	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	551	0	0.00	516	0	0.00	20	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	551	26	0.05	516	26	0.05	20	0	0.00	15	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	20	0.91	17	15	0.88	4	4	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1979 - Station GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	10	327.5	328.5	370.	267.	985.833	31.398	269.8	313.75	360.5	369.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	399	339.	340.664	521.	265.	1827.209	42.746	294.	311.	351.	376.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	107	362.	359.841	510.	202.	4064.456	63.753	301.	314.	416.	421.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GWMP0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/79-09/28/83	45	398.	409.689	469.	373.	1172.083	34.236	374.6	380.	452.	462.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0162

NPS Station ID: GWMP0162
LAT/LON: 38.814781/ -77.121753
Agency: 11TRAIN
Date Created: 11/09/91
Location: HOLMES RUN NEAR MY HOUSE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): COL001A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0163

NPS Station ID: GWMP0163 LAT/LON: 38.814781/ -77.121781 Agency: EXAMPLE Date Created: 01/11/85
Location: HOLMES RUN 2.64 MILES UP FROM POTOMAC FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): ANN1 /AAAAAA1 /TESTST093
RMI-Indexes: 0214001 001210 00020 Within Park Boundary: No
RMI-Miles: 0024.17 0010.38 002.64
HUC: 02070010 Depth of Water: 10 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010042 RF1 Mile Point: 4.390 Distance from RF1: 23.00 On/Off RF1: OFF
RF3 Index: 02070008023700.00 RF3 Mile Point: 4.29 Distance from RF3: 0.22 On/Off RF3:
Description:
THIS STATION WAS ESTABLISHED TO TEST STORAGE PROCEDURES IT WAS GENERATED USING THE EASYSTOR PROCEDURES
DATA WILL BE COPIED FROM TUT1 THIS DATA IS NOT REAL AND SHOULD NOT BE USED FOR ANALYSIS
THIS DATA IS LOCKED

Parameter Inventory for Station: GWMP0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0164

NPS Station ID: GWMP0164 LAT/LON: 38.814781/ -77.121781 Agency: EXAMPLE Date Created: 01/11/85
Location: HOLMES RUN 2.64 MILES UP FROM POTOMAC FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /CANAL/TYPA/AMBNT STORET Station ID(s): MSP8 /MSPTEST008
RMI-Indexes: 0214001 001210 00020 Within Park Boundary: No
RMI-Miles: 0024.17 0010.38 002.64
HUC: 02070010 Depth of Water: 10 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010042 RF1 Mile Point: 4.390 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010055500.00 RF3 Mile Point: 2.82 Distance from RF3: 0.50 On/Off RF3:
Description:
THIS STATION WAS ESTABLISHED TO TEST STORAGE PROCEDURES IT WAS GENERATED USING THE EASYSTOR PROCEDURES
DATA WILL BE COPIED FROM TUT1 THIS DATA IS NOT REAL AND SHOULD NOT BE USED FOR ANALYSIS
THIS DATA IS LOCKED

Parameter Inventory for Station: GWMP0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0165

NPS Station ID: GWMP0165 LAT/LON: 38.814781/ -77.121781 Agency: 11TRAIN Date Created: 06/06/87
Location: HOLMES RUN 2.64 MILES UP FROM POTOMAC FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): ANN1 /AAAAAA1 /TESTST093
RMI-Indexes: 0214001 001210 00020 Within Park Boundary: No
RMI-Miles: 0024.17 0010.38 002.64
HUC: 02070010 Depth of Water: 10 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 18.30 On/Off RF1:
RF3 Index: 02070010057803.93 RF3 Mile Point: 4.90 Distance from RF3: 0.13 On/Off RF3:
Description:
THIS STATION WAS ESTABLISHED TO TEST STORAGE PROCEDURES IT WAS GENERATED USING THE EASYSTOR PROCEDURES
DATA WILL BE COPIED FROM TUT1 THIS DATA IS NOT REAL AND SHOULD NOT BE USED FOR ANALYSIS
THIS DATA IS LOCKED

Parameter Inventory for Station: GWMP0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0166

NPS Station ID: GWMP0166 LAT/LON: 38.814781/ -77.121781 Agency: 11TRAIN Date Created: 06/06/87
Location: HOLMES RUN 2.64 MILES UP FROM POTOMAC FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /CANAL/TYPA/AMBNT STORET Station ID(s): MSP08 /MSPTEST008
RMI-Indexes: 0214001 001210 00020 Within Park Boundary: No
RMI-Miles: 0024.17 0010.38 002.64
HUC: 02070010 Depth of Water: 10 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010055500.00 RF3 Mile Point: 2.82 Distance from RF3: 0.50 On/Off RF3:
Description:
THIS STATION WAS ESTABLISHED TO TEST STORAGE PROCEDURES IT WAS GENERATED USING THE EASYSTOR PROCEDURES
DATA WILL BE COPIED FROM TUT1 THIS DATA IS NOT REAL AND SHOULD NOT BE USED FOR ANALYSIS
THIS DATA IS LOCKED

Parameter Inventory for Station: GWMP0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0167

NPS Station ID: GWMP0167
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 12/12/87
Location: HOLMES RUN 2.64 MILES UP FROM POTOMAC
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MIL001 /BONNIE001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 10
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 38
Water Body Id: VA000671 HOLMES RUN
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010042
RF1 Mile Point: 2.640
Distance from RF1: 30.50
On/Off RF1: OFF
RF3 Index: 02070010055500.00
RF3 Mile Point: 2.82
Distance from RF3: 0.50
On/Off RF3:
Description:
THIS IS AN EXAMPLE OF HOW TO STORE A STATION BEING DONE IN MILWAUKEE

Parameter Inventory for Station: GWMP0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0168

NPS Station ID: GWMP0168
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 02/17/90
Location: DAN BAR NEAR HIS HOUSE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HENRY0001 /0988743JJ
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 38
Water Body Id:
Minor Basin: POTOMACE RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 02070010004403.85
RF3 Mile Point: 3.85
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0169

NPS Station ID: GWMP0169
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 06/30/90
Location: HOLMES RUN 2.64 MILES UPSTREAM OF POTOMAC RIVER
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): INHS1 /DOUG1 /DOUG2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 10
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 38
Water Body Id: 217PTMC
Minor Basin: POTOMAC
ECO Region: 64M
RF1 Index: 02070010042
RF1 Mile Point: 2.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010010105.68
RF3 Mile Point: 7.88
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0170

NPS Station ID: GWMP0170 LAT/LON: 38.814781/ -77.121781 Agency: 11TRAIN Date Created: 09/29/90
Location: HOLMES RUN 2.64 MILES UP FORM POTMACE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): HORACE001 /GLADYS009
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 10 Aquifer:
Major Basin: POTNORTH ATLANTIC Elevation: 38 Water Body Id: 217PTMC
Minor Basin: POTOMAC RIVER ECO Region: 64M
RF1 Index: 02070010042 RF1 Mile Point: 2.640 Distance from RF1: 9.80 On/Off RF1: OFF
RF3 Index: 02070010008200.00 RF3 Mile Point: 0.33 Distance from RF3: 0.00 On/Off RF3:
Description:
THIS STATION WAS ESTABLISHIED TO T4ST STORAGE PROCEDURES

Parameter Inventory for Station: GWMP0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0171

NPS Station ID: GWMP0171
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 11/09/91
Location: SABINE RIVER AT NEWTON COUNTY LINE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SEMINARR01B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0172

NPS Station ID: GWMP0172
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 11/09/91
Location: SO PLATTE AT NORTH MCDONALDS BRIDGE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SOPLATTE110591 /COMMERCE
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 5
Aquifer:
Major Basin:
Elevation: 5000
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:
THIS IS AN EXAMPLE OF A POLLUTED SITE NEXT TO THE AIRPORT SPILL.

Parameter Inventory for Station: GWMP0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0173

NPS Station ID: GWMP0173
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 11/09/91
Location: RIVER NEAR DEAD TREE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TEST RIVER
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 15
Aquifer:
Major Basin:
Elevation: 6492
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0174

NPS Station ID: GWMP0174
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 11/09/91
Location: LARAMIE RIVER AB LARAMIE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TE3 /WYTE3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070003
Depth of Water: 33
Aquifer:
Major Basin:
Elevation: 7234
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070003003
RF1 Mile Point: 1.000
Distance from RF1: 0.40
On/Off RF1: ON
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:
SKILLS OF WRITING ABOUT THE RIVER

Parameter Inventory for Station: GWMP0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0175

NPS Station ID: GWMP0175
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 11/09/91
Location: THE RIVER
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010004203.56
RF3 Mile Point: 4.76
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0176

NPS Station ID: GWMP0176
LAT/LON: 38.814781/ -77.121781
Agency: 11TRAIN
Date Created: 10/10/92
Location: HOLMES RUN 22.64 MILES UP FROM POTOMAC
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HORACE01B /LINDA0012S
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 10
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 38
Water Body Id: 217PTMC
Minor Basin: POTOMAC RIVER
ECO Region: 64M
RF1 Index: 02070010042
RF1 Mile Point: 2.640
Distance from RF1: 21.60
On/Off RF1: OFF
RF3 Index: 02070010055500.00
RF3 Mile Point: 3.88
Distance from RF3: 0.08
On/Off RF3:
Description:
MORE INFORMATION ABOUT THIS STATION
DID ISPF PUT THESE LINE NUMBERS INTO THE DATA SET

Parameter Inventory for Station: GWMP0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0177

NPS Station ID: GWMP0177
LAT/LON: 38.816115/ -77.033059
Agency: 1113POTS
Date Created: / /
Location: PO.R. BLUE PLAINS ABV STP&R"8"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 008 /008 /4A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	12.	12.029	16.5	8.	6.233	2.497	8.8	9.75	13.75	16.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/26/69	28	1.555	1.586	3.2	0.866	0.217	0.465	1.	1.263	1.848	2.074
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/26/69	27	0.43	0.505	0.85	0.2	0.028	0.168	0.336	0.39	0.64	0.788
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	76	1.755	2.13	5.91	0.6	1.336	1.156	1.047	1.513	2.258	4.274
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	2.39	2.89	4.	2.28	0.927	0.963	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0177

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	27	0	0.00				27	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0178

NPS Station ID: GWMP0178
LAT/LON: 38.816670/ -77.033338
Agency: 112WRD
Date Created: 03/19/88
Location: POTOMAC RIVER LAGRANGIAN SHALLOW
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384900077020000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1:
RF3 Index: 02070010002900.85
RF3 Mile Point: 7.84
Distance from RF3: 0.43
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/03/81-08/13/81	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/03/81-08/13/81	30	9.9	9.97	17.4	4.6	5.793	2.407	7.43	8.575	11.025	12.79
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/03/81-08/13/81	30	6.9	6.74	10.6	2.6	2.304	1.518	4.51	6.35	7.5	8.62
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/03/81-08/13/81	30	2.8	3.247	10.5	0.	5.341	2.311	1.15	1.675	3.925	7.37
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	1.5	1.631	3.3	1.2	0.142	0.377	1.26	1.5	1.7	2.
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	0.39	0.404	0.88	0.	0.034	0.184	0.223	0.283	0.46	0.69
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	0.14	0.208	2.6	0.04	0.194	0.44	0.053	0.09	0.17	0.227
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	0.1	0.096	0.12	0.04	0.	0.019	0.07	0.09	0.11	0.12
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	0.895	0.912	1.1	0.61	0.016	0.128	0.723	0.83	1.	1.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	32	0.535	0.609	2.5	0.29	0.146	0.383	0.353	0.443	0.623	0.897
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/03/81-08/13/81	32	0.43	0.398	0.73	0.	0.043	0.208	0.018	0.26	0.565	0.647
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/81-08/13/81	32	0.96	0.988	1.9	0.75	0.042	0.205	0.793	0.873	1.1	1.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/81-08/13/81	32	1.	1.013	1.2	0.7	0.019	0.136	0.83	0.9	1.1	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/81-08/13/81	32	0.13	0.13	0.229	0.008	0.001	0.036	0.103	0.111	0.148	0.175
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/03/81-08/13/81	32	0.033	0.041	0.12	0.008	0.001	0.03	0.009	0.021	0.056	0.091
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-08/13/81	32	2.25	2.047	3.8	1.3	0.335	0.579	1.33	1.425	2.4	2.6
60050	ALGAE, TOTAL (CELLS/ML)	08/03/81-08/13/81	67	25500.	26553.731	59000.	3800.	225022523.745	15000.751	7880.	13000.	39000.	45200.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	08/03/81-08/13/81	39	5.8	6.231	19.2	0.5	13.382	3.658	1.	3.7	8.6	10.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-08/13/81	32	0.18	0.268	3.3	0.05	0.312	0.558	0.066	0.12	0.22	0.294
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-08/13/81	32	3.95	4.041	4.9	2.7	0.321	0.567	3.22	3.7	4.4	4.9
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/03/81-08/13/81	32	0.33	0.315	0.39	0.13	0.004	0.063	0.23	0.3	0.36	0.39
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/03/81-08/13/81	30	0.19	0.252	0.62	0.	0.03	0.174	0.055	0.12	0.388	0.53
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/03/81-08/13/81	30	0.15	0.155	0.24	0.09	0.001	0.034	0.101	0.13	0.18	0.19
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/03/81-08/13/81	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/03/81-08/12/81	29	3.8	4.434	11.2	1.2	7.112	2.667	1.2	2.15	6.95	7.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0179

NPS Station ID: GWMP0179
LAT/LON: 38.816670/ -77.036115
Agency: 112WRD
Date Created: 03/19/88
Location: POTOMAC RIVER LAGRANGIAN CHANNEL
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 384900077021000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.23
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/81-08/04/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	01/12/81-08/13/81	56	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	01/12/81-08/13/81	56	10.	9.936	15.	0.1	4.113	2.028	8.14	8.95	11.	12.
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	01/12/81-08/13/81	56	7.05	7.139	9.9	4.9	0.986	0.993	5.97	6.5	7.8	8.56
00321	BOD, ULTIMATE SECOND STAGE MG/L	01/12/81-08/13/81	56	3.05	3.03	6.7	0.	1.397	1.182	1.47	2.3	3.6	4.5
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	54	1.4	1.384	3.1	0.55	0.112	0.334	1.1	1.275	1.5	1.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/11/81-08/11/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	53	0.37	0.389	0.86	0.11	0.013	0.115	0.274	0.315	0.455	0.52
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	54	0.08	0.093	0.26	0.005	0.003	0.052	0.03	0.058	0.13	0.155
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/81-08/11/81	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	54	0.09	0.093	0.17	0.02	0.001	0.028	0.06	0.078	0.11	0.13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	54	0.79	0.801	2.3	0.23	0.069	0.262	0.58	0.728	0.87	1.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/03/81-08/13/81	54	0.48	0.484	0.91	0.29	0.014	0.117	0.34	0.39	0.57	0.62
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/03/81-08/13/81	54	0.39	0.438	2.5	0.	0.123	0.351	0.14	0.278	0.533	0.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/81-08/13/81	54	0.895	0.921	3.1	0.51	0.13	0.36	0.625	0.72	0.992	1.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/81-08/13/81	54	0.9	0.904	2.5	0.3	0.08	0.283	0.65	0.8	1.	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/81-08/13/81	54	0.115	0.12	0.272	0.07	0.001	0.035	0.081	0.102	0.13	0.153
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/03/81-08/13/81	54	0.024	0.036	0.155	0.01	0.001	0.031	0.013	0.018	0.047	0.092
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/81-08/12/81	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-08/13/81	54	2.05	2.046	3.6	1.2	0.463	0.68	1.3	1.4	2.7	2.85
60050	ALGAE, TOTAL (CELLS/ML)	08/03/81-08/13/81	104	22750.	25290.385	53000.	7200.	166109227.035	12888.337	10000.	14000.	35000.	44500.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	08/03/81-08/13/81	65	5.	4.728	12.6	0.7	6.495	2.548	1.22	2.95	6.25	7.84
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-08/13/81	54	0.1	0.119	0.33	0.01	0.004	0.067	0.04	0.075	0.17	0.2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-08/13/81	54	3.5	3.537	10.	1.	1.306	1.143	2.55	3.2	3.9	4.4
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/03/81-08/13/81	54	0.3	0.305	0.56	0.07	0.009	0.093	0.2	0.253	0.36	0.43
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	01/12/81-08/13/81	56	0.18	0.281	4.5	0.	0.345	0.588	0.087	0.12	0.27	0.423
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	01/12/81-08/13/81	56	0.155	0.154	0.2	0.11	0.001	0.022	0.12	0.14	0.17	0.183
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	01/12/81-08/13/81	56	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	01/12/81-08/13/81	55	2.	3.299	10.4	0.	9.539	3.089	0.154	0.78	6.	8.54
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	08/03/81-08/13/81	8	441.	525.5	930.	230.	66540.286	257.954	**	**	**	**
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	08/03/81-08/13/81	8	2.644	2.677	2.968	2.362	0.042	0.205	**	**	**	**
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			475.787								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	08/03/81-08/13/81	8	2400.	3388.75	7900.	1310.	4483869.643	2117.515	**	**	**	**
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	08/03/81-08/13/81	8	3.38	3.468	3.898	3.117	0.057	0.239	**	**	**	**
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			2940.787								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0179

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0180

NPS Station ID: GWMP0180
LAT/LON: 38.817226/ -77.028338
Agency: 1113UPBA
Date Created: / /
Location: PO.R. BLUE PLAINS STP EFFLUENT
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 032 /032 /STP A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.13
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	13	17200000.	17893846.154	54200000.	5420000.	**********	13402709.016	5420000.	7300000.	17200000.	46440000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/02/67-02/21/67	13	7.236	7.156	7.734	6.734	0.091	0.302	6.734	6.848	7.236	7.657
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			14329931.264								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	13	1090000.	2570000.	10900000.	20000.	**********	3191945.593	28000.	515000.	5010000.	8708000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/02/67-02/21/67	13	6.037	5.971	7.037	4.301	0.654	0.809	4.421	5.682	6.698	6.916
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			934603.629								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	13	260000.	600769.231	4600000.	130000.	**********	1205860.008	134000.	196000.	339000.	2960000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/02/67-02/21/67	13	5.415	5.494	6.663	5.114	0.151	0.389	5.127	5.289	5.53	6.277
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			311557.42								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0180

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	13	13	1.00				13	13	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	13	13	1.00				13	13	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0181

NPS Station ID: GWMP0181
LAT/LON: 38.818337/ -77.026392
Agency: 1113TIWQ
Date Created: / /
Location: BLUE PLAINS STP S WASHINGTON,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 028 /028 /STP-A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.13
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0182

NPS Station ID: GWMP0182
LAT/LON: 38.818337/ -77.026392
Agency: 1113POTS
Date Created: / /
Location: BLUE PLAINS STP S WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 022 /022 /STP 3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.13
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	6	16.2	16.75	19.7	13.1	6.111	2.472	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	6	20.8	23.117	33.	17.	46.658	6.831	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	6	0.02	0.022	0.03	0.02	0.	0.004	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	6	23.6	24.65	31.	20.3	18.955	4.354	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	6	52.13	50.765	53.77	46.12	12.147	3.485	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0182

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00				6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0183

NPS Station ID: GWMP0183
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.1 /S-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0184

NPS Station ID: GWMP0184
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.2 /S-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EDGE OF NAVIGATION CHANNEL

Parameter Inventory for Station: GWMP0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0185

NPS Station ID: GWMP0185
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S3
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.3 /S-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 32
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED 100 FEET FROM RED BOUY

Parameter Inventory for Station: GWMP0185

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0186

NPS Station ID: GWMP0186
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.4 /S-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 29
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT RED BOUY

Parameter Inventory for Station: GWMP0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0187

NPS Station ID: GWMP0187
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S5
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.5 /S-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE BOUY "3"

Parameter Inventory for Station: GWMP0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0188

NPS Station ID: GWMP0188
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.6 /S-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE BOUY "5"

Parameter Inventory for Station: GWMP0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0189

NPS Station ID: GWMP0189
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S7
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.7 /S-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 42
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE BOUY "8"

Parameter Inventory for Station: GWMP0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0190

NPS Station ID: GWMP0190
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.8 /S-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MIDDLE OF TURNING BASIN

Parameter Inventory for Station: GWMP0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0191

NPS Station ID: GWMP0191
LAT/LON: 38.820004/ -77.020838
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT BLUE PLAINS TRANS S9
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101010.9 /S-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.29
Distance from RF3: 0.38
On/Off RF3:
Description:
TRANSECT STATION LOCATED OFF SOUTH END OF PIER

Parameter Inventory for Station: GWMP0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0192

NPS Station ID: GWMP0192 LAT/LON: 38.820004/ -77.128060 Agency: 21VASWCB Date Created: 08/18/90
Location: BEAUREGARD STREET, CITY OF ALEXANDRIA FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AHOR001.30
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002500.00 RF3 Mile Point: 2.38 Distance from RF3: 0.00 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: HOLMES RUN SECTION: 07 TOPO MAP #: 0030 TOPO MAP NAME: ANNANDALE, VA

Parameter Inventory for Station: GWMP0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/90-07/27/95	19	14.3	15.795	27.8	3.5	65.553	8.096	4.5	8.7	23.4	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/06/90-04/09/92	6	2.7	2.967	6.	1.1	2.931	1.712	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/94-07/27/95	5	4.7	5.24	9.4	2.9	6.053	2.46	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/91-01/07/93	7	21.	25.143	57.	11.	216.476	14.713	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/92-07/27/95	14	208.	216.071	327.	131.	3248.841	56.999	135.5	174.75	263.75	308.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/90-07/27/95	19	208.	208.263	344.	153.	2310.538	48.068	154.	170.	242.	261.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/92-07/27/95	14	10.	9.936	12.9	7.4	3.398	1.843	7.45	8.1	11.475	12.55
00300	OXYGEN, DISSOLVED MG/L	09/06/90-10/16/91	5	10.	10.7	14.1	9.1	4.085	2.021	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/90-07/27/95	19	2.	1.795	3.4	1.	0.478	0.692	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	09/06/90-07/27/95	19	13.	13.263	22.	5.	25.427	5.043	6.	10.	16.	21.
00400	PH (STANDARD UNITS)	09/06/90-07/27/95	17	7.3	7.453	8.2	6.5	0.189	0.435	6.82	7.2	7.8	7.96
00400	CONVERTED PH (STANDARD UNITS)	09/06/90-07/27/95	17	7.3	7.237	8.2	6.5	0.238	0.488	6.82	7.2	7.8	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/90-07/27/95	17	0.05	0.058	0.316	0.006	0.005	0.073	0.011	0.016	0.063	0.164
00403	PH, LAB, STANDARD UNITS SU	09/06/90-07/27/95	19	7.1	7.116	7.6	6.6	0.098	0.313	6.6	6.9	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/90-07/27/95	19	7.1	7.015	7.6	6.6	0.109	0.33	6.6	6.9	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/90-07/27/95	19	0.079	0.097	0.251	0.025	0.005	0.067	0.025	0.032	0.126	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	19	33.	33.316	41.	28.	15.673	3.959	28.	30.	36.	39.
00500	RESIDUE, TOTAL (MG/L)	09/06/90-07/27/95	19	124.	124.158	180.	85.	774.807	27.835	94.	103.	140.	171.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/06/90-07/27/95	19	31.	33.526	78.	8.	252.485	15.89	18.	22.	41.	58.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/06/90-07/27/95	19	88.	90.632	147.	63.	384.912	19.619	64.	77.	96.	117.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	2.211	7.	1.	2.231	1.494	1.5	1.5	3.	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	1.711	5.	0.5	0.87	0.933	1.	1.5	1.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	1.526	5.	0.	0.958	0.979	0.5	1.5	1.5	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/90-07/27/95	20 ##	0.02	0.044	0.14	0.02	0.002	0.04	0.02	0.02	0.04	0.138
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/90-07/27/95	20	0.01	0.015	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.048
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/90-07/27/95	20	0.645	0.601	1.06	0.09	0.068	0.261	0.28	0.375	0.745	1.033
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/90-07/27/95	20	0.4	0.435	0.6	0.3	0.011	0.104	0.3	0.4	0.5	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/90-07/27/95	20 ##	0.05	0.058	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/90-04/09/92	7	0.01	0.011	0.02	0.005	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/90-07/27/95	19	3.8	4.447	7.3	2.6	2.155	1.468	2.8	3.2	5.6	6.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	19	50.	51.474	96.	6.	239.041	15.461	46.	48.	56.	60.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/07/93-01/07/93	1	3370.	3370.	3370.	3370.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/90-07/27/95	19	30.	33.053	68.	16.	191.497	13.838	18.	21.	43.	50.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/90-07/27/95	19	10.	10.421	14.	8.	3.368	1.835	8.	9.	11.	14.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/90-04/14/93	10 ##	0.085	0.105	0.25	0.025	0.005	0.072	0.028	0.05	0.153	0.241
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/90-01/07/93	10	3.35	4.09	6.5	2.4	2.803	1.674	2.4	2.55	5.85	6.45
01002	ARSENIC, TOTAL (UG/L AS AS)	08/06/91-07/13/94	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/06/91-01/07/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/06/91-07/13/94	3 ##	5.	3.833	5.	1.5	4.083	2.021	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/06/91-07/13/94	3 ##	5.	11.667	25.	5.	133.333	11.547	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/06/91-07/13/94	3 ##	5.	11.667	25.	5.	133.333	11.547	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/06/91-07/13/94	3	97.	113.667	194.	50.	5392.333	73.433	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/06/91-07/13/94	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/06/91-07/13/94	3	25.	26.033	43.1	10.	274.703	16.574	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/06/91-01/07/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/06/91-07/13/94	3 ##	5.	11.667	25.	5.	133.333	11.547	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/06/91-07/13/94	3 ##	13.	14.333	25.	5.	101.333	10.066	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/06/91-01/07/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/91-07/27/95	18	64.	392.833	3000.	20.	608492.265	780.059	42.5	50.	300.	1830.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/91-07/27/95	18	1.796	2.072	3.477	1.301	0.372	0.61	1.618	1.699	2.477	3.255
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			117.987								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/93-07/14/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/07/93-07/13/94	2	49.5	49.5	55.	44.	60.5	7.778	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/92-07/27/95	13	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
71900	MERCURY, TOTAL (UG/L AS HG)	08/06/91-01/07/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	01/07/93-01/07/93	1	12210.	12210.	12210.	12210.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/08/92-06/15/94	8	2.55	3.888	13.8	0.4	18.761	4.331	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	17	0	0.00	8	0	0.00	4	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	17	1	0.06	8	0	0.00	4	1	0.25	5	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	250.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2 &	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	3	0	0.00	2	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	15.	3	0	0.00	2	0	0.00	1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5000.	3	0	0.00	2	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	18	5	0.28	8	2	0.25	5	2	0.40	5	1	0.20			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0193

NPS Station ID: GWMP0193
LAT/LON: 38.821670/ -77.028892
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BELLEVUE BTW 23'B&EAST S
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 008 /008 /4C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.980
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0194

NPS Station ID: GWMP0194 | LAT/LON: 38.821670/ -77.031393 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: NRL PIER 100M SOUTH OF PIER D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): PMS37
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0090.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010026 | RF1 Mile Point: 3.980 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002502.07 | RF3 Mile Point: 2.57 | Distance from RF3: 0.21 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: NRL PIER 100M SOUTH OF PIER WASH D.C. . PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	301	23.7	19.788	30.5	0.8	59.219	7.695	7.1	14.8	25.65	28.34
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	44	15.	34.364	100.	0.	1943.4	44.084	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	63	0.6	0.716	1.7	0.1	0.112	0.335	0.34	0.5	0.8	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	255	308.	319.749	571.	118.	9305.496	96.465	195.	246.	393.	452.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	299	7.1	7.295	13.3	0.8	5.734	2.394	4.8	5.9	9.	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	64	1.5	1.659	4.4	0.5	1.023	1.011	0.5	1.	2.175	3.25
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	276	7.3	7.402	8.7	6.5	0.141	0.376	7.	7.2	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	276	7.3	7.263	8.7	6.5	0.16	0.4	7.	7.2	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	276	0.05	0.055	0.316	0.002	0.002	0.046	0.013	0.025	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	70	71.	71.043	100.	32.	214.737	14.654	48.2	60.	82.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	53	14.	17.585	157.	2.	553.478	23.526	4.	8.	17.5	25.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	71	0.14	0.201	1.23	0.	0.042	0.205	0.037	0.089	0.261	0.389
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	71	0.02	0.042	0.418	0.005	0.004	0.06	0.005	0.014	0.043	0.113
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	71	1.59	1.927	6.02	0.	1.199	1.095	0.936	1.38	2.16	3.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	49	0.679	0.66	1.75	0.	0.105	0.324	0.282	0.395	0.877	1.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	46	0.072	0.085	0.234	0.	0.002	0.049	0.033	0.054	0.105	0.16
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	45	0.042	0.049	0.13	0.	0.001	0.029	0.015	0.029	0.066	0.093
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	64	0.025	0.028	0.098	0.004	0.	0.021	0.004	0.011	0.04	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	52	3.8	3.865	9.5	0.	3.145	1.773	1.69	2.625	4.775	6.37
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	67	3.6	3.557	6.6	0.	1.763	1.328	1.88	2.6	4.3	5.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	68	120.	119.853	192.	70.	731.023	27.037	81.8	100.5	136.	156.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	3	42.	43.333	64.	24.	401.333	20.033	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	49	2.7	2.31	3.6	0.2	0.948	0.974	1.	1.5	3.2	3.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-07/16/90	19 ##	2.5	2.421	2.5	1.	0.118	0.344	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-07/16/90	19 ##	5.	5.132	10.	2.5	1.718	1.311	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-07/16/90	19 ##	12.	8.921	12.5	5.	14.618	3.823	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/13/83-07/16/90	19	434.	569.342	1520.	195.	136759.057	369.809	208.	337.	700.	1371.
01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-07/16/90	19 ##	25.	23.816	25.	2.5	26.645	5.162	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-07/16/90	18	24.5	53.278	230.	2.5	3833.359	61.914	2.5	10.	80.5	161.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	34	2000.	6706.765	54000.	20.	166430283.155	12900.786	120.	325.	7900.	15500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	34	3.296	3.154	4.732	1.301	0.781	0.884	2.078	2.512	3.898	4.188

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1424.945								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	36	150.	1473.556	17000.	10.	14220805.968	3771.048	10.	25.	405.	7270.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	36	2.172	2.22	4.23	1.	0.793	0.89	1.	1.376	2.605	3.861
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			166.127								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	460.	788.	1460.	200.	353720.	594.744	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.663	2.78	3.164	2.301	0.137	0.371	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			601.871								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	1600.	8660.	20800.	1600.	94658000.	9729.234	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.204	3.636	4.318	3.204	0.35	0.591	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4321.946								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-11/17/86	24	3.	6.667	28.	0.5	51.058	7.145	0.5	1.25	12.5	17.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-11/17/86	24	4.5	8.167	30.	0.5	92.167	9.6	0.5	0.625	11.	29.5
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-07/16/90	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	71	16.	25.521	204.	6.	977.853	31.271	10.	12.	24.	52.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	299	18	0.06	165	0	0.00	48	9	0.19	86	9	0.10			
00400	PH	Other-Hi Lim.	9.	276	0	0.00	152	0	0.00	49	0	0.00	75	0	0.00			
		Other-Lo Lim.	6.5	276	1	0.00	152	1	0.01	49	0	0.00	75	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	71	0	0.00	24	0	0.00	29	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	71	0	0.00	24	0	0.00	29	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	2	0.11	7	1	0.14	6	1	0.17	5	0	0.00			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	34	18	0.53	12	5	0.42	13	9	0.69	9	4	0.44			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	15	0.42	13	3	0.23	13	8	0.62	10	4	0.40			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	5	1.00	3	3	1.00				2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	71	7	0.10	24	1	0.04	29	3	0.10	18	3	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	7.6	12.233	22.2	6.9	74.623	8.638	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	3	210.	233.333	372.	118.	16537.333	128.598	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.8	10.033	11.8	7.5	5.063	2.25	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	3	2.	1.567	2.2	0.5	0.863	0.929	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	3	6.9	7.	7.2	6.9	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	3	6.9	6.979	7.2	6.9	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	3	0.126	0.105	0.126	0.063	0.001	0.036	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	80.	70.667	90.	42.	641.333	25.325	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.112	0.137	0.264	0.036	0.013	0.116	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.01	0.027	0.067	0.005	0.001	0.034	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	1.47	1.153	1.57	0.42	0.406	0.637	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.062	0.061	0.077	0.043	0.	0.017	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	3.8	4.267	6.5	2.5	4.163	2.04	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	18.	48.	114.	12.	3276.	57.236	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	40	24.45	22.438	28.6	3.3	49.574	7.041	14.8	14.9	27.925	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	6	0.6	0.65	1.5	0.2	0.211	0.459	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	15	234.	234.6	358.	120.	3436.829	58.624	138.6	224.	265.	329.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	40	6.9	7.25	13.1	4.2	4.112	2.028	4.6	5.475	8.875	9.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	8	1.45	1.425	2.3	0.5	0.251	0.501	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.5	7.481	7.7	7.2	0.036	0.189	7.22	7.3	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.5	7.442	7.7	7.2	0.037	0.193	7.22	7.3	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.032	0.036	0.063	0.02	0.	0.015	0.02	0.02	0.05	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	8	76.	71.	92.	46.	267.429	16.353	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.102	0.149	0.385	0.034	0.016	0.125	0.034	0.059	0.248	0.385
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.015	0.02	0.051	0.005	0.	0.017	0.005	0.005	0.035	0.051
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	1.62	1.58	2.46	0.78	0.285	0.534	0.78	1.125	1.89	2.46
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	9	0.025	0.033	0.098	0.004	0.001	0.032	0.004	0.007	0.054	0.098
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	5	3.3	3.22	4.2	1.9	0.967	0.983	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	9	104.	105.111	138.	74.	635.111	25.201	74.	81.	132.	138.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	9	19.	27.333	72.	9.	515.75	22.71	9.	13.	43.5	72.

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Annual Analysis for 1985 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	16	12.7	14.9	20.5	5.5	19.932	4.465	10.19	12.3	19.9	20.15
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	3	0.7	0.633	0.8	0.4	0.043	0.208	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	16	278.	282.5	345.	233.	632.133	25.142	254.	267.25	297.25	320.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	16	10.05	9.231	12.2	6.4	3.109	1.763	6.75	7.15	10.4	11.01
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	3	## 0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.618	7.8	7.5	0.01	0.098	7.5	7.5	7.7	7.78
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	11	7.6	7.608	7.8	7.5	0.01	0.099	7.5	7.5	7.7	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	11	0.025	0.025	0.032	0.016	0.	0.005	0.017	0.02	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	3	64.	62.667	66.	58.	17.333	4.163	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.361	0.277	0.426	0.043	0.042	0.205	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	0.014	0.033	0.073	0.011	0.001	0.035	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	3	2.16	2.387	3.19	1.81	0.515	0.717	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	3	0.041	0.038	0.054	0.02	0.	0.017	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	3	3.3	2.6	4.	0.5	3.43	1.852	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	3	116.	126.667	160.	104.	869.333	29.484	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	3	17.	26.	48.	13.	367.	19.157	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	42	21.65	21.064	28.7	1.	50.732	7.123	8.41	18.975	26.025	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.6	0.791	1.6	0.5	0.111	0.333	0.5	0.6	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	42	408.	398.476	531.	225.	7634.646	87.376	298.	311.25	455.5	517.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	42	6.05	6.881	13.3	0.8	4.955	2.226	5.4	5.65	7.5	9.46
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	12	2.	1.867	3.4	0.5	1.104	1.051	0.5	0.625	2.875	3.28
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	42	7.3	7.548	8.7	7.	0.192	0.438	7.1	7.3	8.	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	42	7.3	7.391	8.7	7.	0.217	0.466	7.1	7.3	8.	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	42	0.05	0.041	0.1	0.002	0.001	0.027	0.006	0.01	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	80.5	76.917	94.	60.	117.356	10.833	60.	70.	85.	92.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.173	0.182	0.45	0.	0.023	0.152	0.006	0.025	0.28	0.432
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.024	0.05	0.126	0.005	0.002	0.046	0.008	0.017	0.105	0.125
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.515	1.871	4.35	0.93	0.873	0.934	0.984	1.383	2.385	3.84
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	11	0.009	0.014	0.045	0.004	0.	0.013	0.004	0.004	0.018	0.042
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.35	3.342	5.6	1.7	1.464	1.21	1.73	2.225	4.25	5.36
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	135.	135.667	172.	98.	495.879	22.268	101.	122.	152.	171.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	12.	12.833	18.	8.	12.515	3.538	8.3	10.	16.5	18.

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Annual Analysis for 1987 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	63	24.9	18.67	30.3	2.8	72.409	8.509	7.1	9.1	26.	28.76
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	12	0.65	0.692	1.1	0.1	0.139	0.373	0.1	0.425	1.075	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	63	293.	300.175	477.	155.	11491.082	107.196	156.	191.	404.	469.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	6.9	6.13	10.3	0.8	7.361	2.713	2.14	3.	7.7	9.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	9	1.	1.533	4.	0.5	1.535	1.239	0.5	0.5	2.5	4.
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	61	7.1	7.125	7.9	6.5	0.081	0.285	6.7	7.	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	61	7.1	7.032	7.9	6.5	0.09	0.3	6.7	7.	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	61	0.079	0.093	0.316	0.013	0.004	0.066	0.033	0.05	0.103	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	71.	71.5	100.	46.	209.545	14.476	49.	59.5	81.5	95.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.197	0.306	1.23	0.043	0.105	0.324	0.051	0.115	0.368	1.023
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.021	0.045	0.224	0.005	0.004	0.061	0.007	0.016	0.047	0.185
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.905	2.538	6.02	1.1	2.419	1.555	1.112	1.478	3.35	5.696
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	12	0.028	0.027	0.08	0.004	0.	0.022	0.004	0.009	0.032	0.072
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.85	3.425	5.8	0.5	2.204	1.485	0.89	2.175	4.45	5.53
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	118.	119.833	168.	72.	684.697	26.167	79.2	100.	138.5	163.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	15.5	36.5	204.	6.	3368.636	58.04	6.3	9.5	22.5	171.6

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Annual Analysis for 1988 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	35	23.7	23.009	30.5	4.3	35.766	5.98	13.42	21.3	25.4	30.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	10	0.65	0.61	1.	0.1	0.077	0.277	0.12	0.375	0.825	0.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	35	396.	399.771	571.	190.	5724.417	75.66	254.4	388.	440.	462.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	34	6.3	6.626	9.8	5.5	1.351	1.162	5.6	5.7	7.3	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	8	1.95	2.213	3.6	1.3	0.741	0.861	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	36	7.4	7.433	8.1	7.1	0.038	0.196	7.3	7.3	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	36	7.4	7.397	8.1	7.1	0.04	0.199	7.3	7.3	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	36	0.04	0.04	0.079	0.008	0.	0.015	0.02	0.032	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	11	82.	75.636	92.	42.	327.055	18.085	43.2	60.	90.	91.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.14	0.176	0.626	0.02	0.027	0.166	0.024	0.074	0.227	0.547
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	0.02	0.049	0.119	0.011	0.002	0.044	0.011	0.015	0.102	0.119
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	11	1.59	2.196	5.66	0.96	2.16	1.47	1.044	1.44	2.29	5.414
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	7	0.022	0.018	0.031	0.004	0.	0.011	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	11	4.2	4.109	5.8	2.5	1.383	1.176	2.5	2.7	5.1	5.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	11	140.	130.	192.	72.	1467.2	38.304	72.4	100.	154.	187.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	11	19.	30.545	132.	14.	1193.673	34.55	14.	14.	30.	113.4

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Annual Analysis for 1989 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	38	24.1	20.342	27.7	3.	53.428	7.309	7.75	15.625	26.6	26.73
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	11	0.7	0.727	1.1	0.4	0.05	0.224	0.42	0.6	0.8	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	26	314.5	318.808	521.	230.	2280.162	47.751	282.6	305.	319.	351.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	37	7.5	8.173	13.3	6.2	2.385	1.544	6.6	7.	9.15	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	12	1.2	1.283	4.	0.5	0.922	0.96	0.5	0.5	1.5	3.28
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	38	7.5	7.616	8.4	7.2	0.057	0.238	7.4	7.5	7.725	7.91
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	38	7.5	7.566	8.4	7.2	0.059	0.243	7.4	7.5	7.725	7.91
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	38	0.032	0.027	0.063	0.004	0.	0.011	0.012	0.019	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	12	74.	72.667	84.	54.	80.242	8.958	56.4	65.5	79.5	83.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.113	0.136	0.304	0.089	0.004	0.063	0.09	0.094	0.154	0.275
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	0.018	0.018	0.043	0.005	0.	0.011	0.005	0.007	0.027	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	12	1.445	1.774	3.24	0.88	0.461	0.679	1.	1.355	2.083	3.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	11	0.034	0.03	0.063	0.004	0.	0.019	0.004	0.011	0.04	0.06
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	3.5	3.525	6.6	2.2	1.477	1.215	2.23	2.525	3.975	6.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	12	121.	120.167	140.	94.	141.424	11.892	98.8	112.5	128.	137.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	12	14.	15.	24.	10.	21.455	4.632	10.	11.25	17.5	23.7

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Annual Analysis for 1990 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	64	17.3	17.881	26.3	0.8	64.017	8.001	5.85	10.4	25.3	25.65
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	8	0.6	0.85	1.7	0.5	0.226	0.475	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	55	247.	270.345	382.	192.	3696.712	60.801	198.	237.	285.	376.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	64	7.65	7.975	12.6	4.6	7.19	2.681	4.8	5.8	10.6	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	9	1.8	2.089	4.4	0.5	1.396	1.182	0.5	1.25	2.95	4.4
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	64	7.3	7.381	8.6	6.8	0.21	0.459	6.85	7.1	7.5	8.25
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	64	7.3	7.219	8.6	6.8	0.237	0.487	6.85	7.1	7.5	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	64	0.05	0.06	0.158	0.003	0.002	0.043	0.006	0.032	0.079	0.142
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	9	58.	57.778	72.	32.	175.444	13.246	32.	48.	70.	72.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.188	0.252	1.01	0.	0.087	0.295	0.	0.117	0.249	1.01
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	0.031	0.081	0.418	0.012	0.017	0.13	0.012	0.017	0.085	0.418

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	9	1.48	1.511	3.06	0.	0.778	0.882	0.	1.06	2.05	3.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	8	0.03	0.032	0.049	0.015	0.	0.013	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	9	4.1	3.656	5.3	0.	2.228	1.493	0.	3.35	4.3	5.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	9	94.	98.444	126.	70.	323.778	17.994	70.	87.	114.	126.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	9	24.	26.222	54.	12.	142.194	11.925	12.	19.5	28.5	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	166	25.	24.151	30.5	15.4	14.763	3.842	16.81	22.05	26.325	28.63
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	21	0.6	0.61	1.1	0.1	0.036	0.189	0.42	0.5	0.7	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	138	380.5	366.333	531.	184.	7745.582	88.009	247.	298.75	436.	470.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	165	6.6	6.768	9.5	4.6	1.376	1.173	5.4	5.9	7.4	9.04
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	20	1.9	1.985	3.6	0.5	0.81	0.9	0.55	1.4	2.8	3.36
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	152	7.3	7.261	7.9	6.5	0.072	0.269	6.83	7.1	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	152	7.3	7.173	7.9	6.5	0.08	0.283	6.83	7.1	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	152	0.05	0.067	0.316	0.013	0.003	0.051	0.025	0.04	0.079	0.149
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	23	80.	76.957	92.	46.	139.225	11.799	60.4	70.	88.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	16	15.	15.063	26.	6.	33.796	5.813	7.4	9.5	18.75	23.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	0.197	0.214	0.626	0.	0.02	0.143	0.038	0.101	0.272	0.438
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	0.067	0.074	0.224	0.005	0.002	0.049	0.019	0.033	0.113	0.124
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	24	1.6	1.696	3.24	0.	0.712	0.844	0.6	1.163	2.263	3.075
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	16	0.816	0.752	1.18	0.	0.084	0.29	0.225	0.629	0.93	1.089
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	15	0.085	0.088	0.21	0.	0.002	0.047	0.029	0.065	0.098	0.173
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	14	0.054	0.054	0.122	0.	0.001	0.033	0.007	0.03	0.074	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	22	0.033	0.032	0.098	0.004	0.001	0.029	0.004	0.004	0.046	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	3.85	3.513	6.4	0.	2.964	1.722	0.35	2.475	4.775	5.42
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	23	3.5	3.483	5.8	0.	1.88	1.371	2.02	2.5	4.6	5.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	23	138.	134.435	170.	82.	581.439	24.113	93.6	122.	154.	168.
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	16	1.55	1.938	3.6	0.6	1.029	1.014	0.67	1.05	2.95	3.46
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	12	640.	6470.833	54000.	110.	230561644.697	15184.256	146.	250.	4900.	40170.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	12	2.794	3.089	4.732	2.041	0.648	0.805	2.137	2.394	3.69	4.482
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1226.299								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	110.	1154.615	13000.	10.	12750926.923	3570.844	14.	20.	200.	8240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	2.041	1.994	4.114	1.	0.734	0.857	1.12	1.301	2.296	3.685
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.591								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	24	18.	21.5	96.	10.	278.435	16.686	11.5	14.25	23.25	28.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	49	7.5	7.565	13.5	0.8	12.15	3.486	3.	5.6	9.75	12.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	24	0.8	0.85	1.6	0.2	0.132	0.364	0.4	0.6	1.1	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	40	286.5	303.1	571.	118.	8974.656	94.735	210.	263.75	343.	462.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	48	10.45	9.36	13.3	0.8	15.561	3.945	1.39	8.75	12.275	12.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	28	1.25	1.532	4.4	0.5	1.39	1.179	0.5	0.5	1.8	4.
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	49	7.6	7.645	8.7	6.8	0.292	0.54	6.8	7.25	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	49	7.6	7.358	8.7	6.8	0.376	0.613	6.8	7.25	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	49	0.025	0.044	0.158	0.002	0.002	0.05	0.003	0.01	0.057	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	29	70.	70.069	100.	32.	226.138	15.038	52.	60.	81.	92.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	24	10.	14.542	87.	2.	345.042	18.575	2.	4.25	14.75	37.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	29	0.109	0.22	1.23	0.02	0.081	0.285	0.036	0.045	0.316	0.54
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	29	0.014	0.029	0.418	0.005	0.006	0.075	0.005	0.011	0.019	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	29	1.78	2.407	6.02	1.26	1.837	1.355	1.37	1.57	2.58	4.94
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	22	0.466	0.609	1.75	0.218	0.151	0.389	0.269	0.309	0.81	1.235
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	21	0.068	0.083	0.234	0.018	0.003	0.053	0.029	0.049	0.108	0.179
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	21	0.041	0.05	0.13	0.014	0.001	0.029	0.021	0.029	0.065	0.094
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	25	0.028	0.029	0.07	0.004	0.	0.017	0.007	0.017	0.041	0.057
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	24	3.65	4.025	9.5	1.4	3.338	1.827	2.05	2.65	4.75	7.05
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	28	3.7	3.504	6.5	0.5	1.757	1.325	1.58	2.625	4.2	5.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	27	118.	120.296	192.	70.	684.217	26.158	87.6	102.	134.	156.
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	20	2.85	2.575	3.6	1.2	0.716	0.846	1.22	1.75	3.35	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	13	3300.	9183.846	54000.	170.	211658208.974	14548.478	234.	595.	12500.	39200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	13	3.519	3.494	4.732	2.23	0.553	0.744	2.346	2.768	4.094	4.532

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3118.447								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	330.	2772.308	17000.	40.	25388719.231	5038.722	44.	125.	4350.	13360.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	13	2.519	2.723	4.23	1.602	0.735	0.857	1.641	2.067	3.538	4.097
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			528.287								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	29	14.	22.103	114.	6.	532.596	23.078	9.	11.5	21.	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	86	17.	18.331	28.6	7.1	48.054	6.932	7.1	13.025	25.	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-09/10/90	18	0.6	0.661	1.7	0.1	0.145	0.381	0.1	0.375	0.85	1.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	77	238.	244.909	358.	155.	2771.057	52.641	156.8	200.	298.	316.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	86	7.5	7.151	10.7	2.1	5.875	2.424	2.3	5.775	9.	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-09/10/90	16	1.6	1.475	3.	0.5	0.561	0.749	0.5	0.625	2.	2.44
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	75	7.5	7.528	8.4	7.1	0.092	0.303	7.2	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	75	7.5	7.446	8.4	7.1	0.099	0.315	7.2	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	75	0.032	0.036	0.079	0.004	0.	0.019	0.01	0.02	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-09/10/90	18	66.	65.056	90.	42.	232.056	15.233	45.6	49.5	80.25	84.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-09/10/90	13	15.	26.308	157.	7.	1585.397	39.817	7.	9.	23.	105.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.123	0.153	0.385	0.02	0.008	0.091	0.033	0.108	0.215	0.3
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	0.019	0.02	0.04	0.005	0.	0.01	0.005	0.016	0.022	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-09/10/90	18	1.425	1.461	3.06	0.88	0.248	0.498	0.925	1.108	1.59	2.169
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-09/10/90	11	0.673	0.631	1.05	0.351	0.038	0.195	0.352	0.508	0.715	0.986
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-09/10/90	10	0.071	0.084	0.192	0.031	0.002	0.046	0.032	0.056	0.108	0.185
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-09/10/90	10	0.038	0.043	0.092	0.005	0.001	0.027	0.006	0.025	0.067	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-09/10/90	17	0.022	0.021	0.049	0.004	0.	0.012	0.004	0.011	0.03	0.037
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-09/10/90	12	4.	4.017	7.8	1.2	3.298	1.816	1.41	2.75	4.975	7.35
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-09/10/90	16	3.6	3.756	6.6	1.8	1.781	1.335	1.8	3.125	4.3	6.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/23/84-09/10/90	18	105.	100.556	130.	72.	399.908	19.998	72.	78.5	120.	124.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-09/10/90	13	2.7	2.362	3.4	0.2	1.069	1.034	0.56	1.45	3.25	3.36
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-01/08/90	9	490.	3443.333	13000.	20.	29979725.	5475.374	20.	75.	7650.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-01/08/90	9	2.69	2.749	4.114	1.301	1.123	1.06	1.301	1.707	3.738	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			561.59								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	10	94.	199.8	790.	10.	64187.067	253.352	10.	10.	340.	754.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-01/08/90	10	1.967	1.862	2.898	1.	0.543	0.737	1.	1.	2.527	2.871
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			72.756								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-09/10/90	18	17.	36.389	204.	7.	2604.722	51.036	9.7	11.	29.25	139.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0195

NPS Station ID: GWMP0195
LAT/LON: 38.821948/ -77.030281
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC R. AT BELLEVUE BELL 23
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-004 /004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 3.980
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.54
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0196

NPS Station ID: GWMP0196
LAT/LON: 38.822226/ -77.031949
Agency: 1113POTS
Date Created: / /
Location: PO.R. BELLEVUE NEAR 23'BELL FLR
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 007 /007 /4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 4.120
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.69
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	11.5	11.324	16.	7.	5.279	2.298	8.2	9.75	12.5	15.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	26	1.195	1.216	2.38	0.181	0.412	0.642	0.464	0.58	1.825	2.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	25	0.45	0.5	0.93	0.21	0.034	0.185	0.274	0.37	0.615	0.804
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	64	1.52	1.671	5.56	0.22	1.431	1.196	0.435	0.73	2.158	3.02
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.99	1.303	2.27	0.65	0.73	0.854	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0196

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00				25	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0197

NPS Station ID: GWMP0197
Location: PO.R. BELLEVUE NEAR 23'BELL FLR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010026
RF3 Index: 02070010002502.07
Description:

LAT/LON: 38.822226/ -77.031949
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 4.120
RF3 Mile Point: 2.41

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 010 /010 /7A
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.17

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/31/67	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	3	70000.	111333.333	240000.	24000.	12945333333.333	113777.561	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/31/67	3	4.845	4.869	5.38	4.38	0.25	0.5	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			73876.59								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	3	31000.	38300.	79000.	4900.	1412670000.	37585.503	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/31/67	3	4.491	4.36	4.898	3.69	0.377	0.614	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			22894.348								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	3	2300.	2466.667	4900.	200.	5543333.333	2354.428	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/31/67	3	3.362	3.118	3.69	2.301	0.527	0.726	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			1311.147								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	3	1.00				3	3	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	3	1.00				3	3	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0198

NPS Station ID: GWMP0198
LAT/LON: 38.822226/ -77.031949
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BELLEVUE CHAN 23' BELL
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 007 /007 /4B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 4.120
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 0.02
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0199

NPS Station ID: GWMP0199
LAT/LON: 38.823616/ -77.036115
Agency: 1113PESE
Date Created: / /
Location: POTO.R. BELLEVUE BTW CHAN&WST SH
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 006 /006 /4A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 2.880
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.60
RF3 Mile Point: 0.60
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0200

NPS Station ID: GWMP0200
LAT/LON: 38.824449/ -77.031393
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. OFF BELLEVUE-N ALEX.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /POTO-04
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 4.230
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.23
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0200

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0201

NPS Station ID: GWMP0201 LAT/LON: 38.828615/ -77.030004 Agency: 21DCBAWQ Date Created: 10/28/86
Location: DANGERFIELD ISLAND NORTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS35
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0091.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 4.530 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002502.07 RF3 Mile Point: 3.28 Distance from RF3: 0.11 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: DANGERFIELD ISLAND NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	64	15.9	15.684	30.4	0.8	89.545	9.463	3.15	5.975	25.35	27.85
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	53.364	100.	0.	2237.455	47.302	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	54	290.5	295.556	519.	115.	8266.327	90.919	177.5	236.75	362.25	424.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	8.2	8.497	13.8	1.7	8.356	2.891	5.24	6.7	10.7	12.6
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.6	7.669	8.8	7.	0.178	0.422	7.13	7.4	7.875	8.34
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.6	7.509	8.8	7.	0.205	0.452	7.13	7.4	7.875	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	52	0.025	0.031	0.1	0.002	0.001	0.025	0.005	0.013	0.04	0.075

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	23	0	0.00	23	4	0.17	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	52	0	0.00	20	0	0.00	19	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	52	0	0.00	20	0	0.00	19	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	7.6	11.7	20.6	6.9	59.53	7.716	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	11.4	10.467	12.6	7.4	7.413	2.723	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.1	17.475	28.5	3.3	110.714	10.522	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	150.	184.	282.	120.	7428.	86.186	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.6	9.125	13.	5.2	7.431	2.726	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.4	12.667	20.	5.6	51.893	7.204	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	262.	266.667	300.	238.	977.333	31.262	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.5	10.433	12.7	8.1	5.293	2.301	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.833	8.	7.7	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.816	8.	7.7	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.016	0.015	0.02	0.01	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	10	20.5	15.94	28.6	0.8	132.02	11.49	0.87	3.45	26.45	28.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	10	320.	355.3	519.	282.	6355.344	79.72	282.5	293.	411.	512.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.95	8.44	13.8	2.2	15.127	3.889	2.51	5.525	12.975	13.77
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.7	7.84	8.8	7.1	0.318	0.564	7.13	7.4	8.3	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.7	7.59	8.8	7.1	0.388	0.623	7.13	7.4	8.3	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	10	0.02	0.026	0.079	0.002	0.001	0.024	0.002	0.005	0.04	0.075

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	12	11.75	14.417	28.8	2.5	103.109	10.154	2.53	6.4	25.8	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	12	270.	282.667	467.	156.	8156.424	90.313	167.7	205.75	351.	444.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	12	7.1	6.55	11.3	1.7	9.685	3.112	1.85	3.425	9.075	10.79
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.4	7.482	8.2	7.2	0.1	0.316	7.2	7.2	7.7	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.4	7.401	8.2	7.2	0.107	0.327	7.2	7.2	7.7	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.04	0.04	0.063	0.006	0.	0.021	0.008	0.02	0.063	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	14.1	16.322	30.4	2.	90.627	9.52	2.	8.55	24.75	30.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	378.	341.444	506.	175.	12539.778	111.981	175.	233.5	424.	506.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	8.5	8.367	11.1	5.7	3.63	1.905	5.7	6.45	10.	11.1
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.656	8.1	7.1	0.093	0.305	7.1	7.45	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.556	8.1	7.1	0.104	0.322	7.1	7.45	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.025	0.028	0.079	0.008	0.	0.022	0.008	0.013	0.036	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	15.9	15.6	27.8	3.1	88.224	9.393	3.12	4.7	24.8	27.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	309.	298.667	362.	226.	1741.5	41.731	226.	264.5	323.	362.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	9.3	9.34	12.4	6.6	3.625	1.904	6.68	7.625	10.725	12.33
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.7	7.773	8.5	7.	0.168	0.41	7.1	7.6	7.9	8.48
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.7	7.605	8.5	7.	0.199	0.446	7.1	7.6	7.9	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.02	0.025	0.1	0.003	0.001	0.026	0.003	0.013	0.025	0.086

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.5	17.5	26.2	5.7	80.457	8.97	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	7	240.	255.286	366.	180.	3269.905	57.183	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	7.45	8.487	12.6	5.5	8.21	2.865	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.45	7.525	8.6	7.	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.447	7.361	8.6	7.	0.276	0.525	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.036	0.044	0.1	0.003	0.001	0.032	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	25.4	24.454	30.4	15.9	14.75	3.841	17.6	21.775	27.4	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	19	366.	358.211	519.	202.	6349.509	79.684	265.	300.	419.	467.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	7.1	7.222	9.6	5.3	1.568	1.252	5.54	6.1	8.1	9.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	5.7	5.722	12.4	0.8	9.543	3.089	1.9	3.2	7.6	11.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	21	282.	276.143	506.	115.	8044.529	89.691	126.	235.5	321.	386.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	11.4	10.078	13.8	1.7	13.72	3.704	2.64	9.	12.6	13.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	17	15.9	16.782	28.5	2.	58.937	7.677	6.	11.	23.9	27.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	14	235.5	239.643	314.	156.	2820.401	53.107	165.5	182.25	289.	311.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	17	8.1	8.082	11.4	2.2	5.243	2.29	4.6	6.7	9.8	10.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0202

NPS Station ID: GWMP0202
LAT/LON: 38.828892/ -77.029170
Agency: 21MDEXP
Date Created: 06/27/81
Location: BELLEVUE-STATION 4
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078740914445
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 4.520
Distance from RF1: 1.20
On/Off RF1: ON
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.31
Distance from RF3: 0.09
On/Off RF3:
Description:
BELLEVUE-STATION 4

Parameter Inventory for Station: GWMP0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0203

NPS Station ID: GWMP0203 | LAT/LON: 38.831670/ -77.041115 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: OXON RUN, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): TOR01
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010027 | RF1 Mile Point: 4.070 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010068100.37 | RF3 Mile Point: 1.78 | Distance from RF3: 0.13 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: OXON RUN BEHIND EASTGATE MALL, D.C. C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	76	13.8	14.609	27.3	1.7	58.408	7.643	3.71	7.65	22.	24.63
00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/13/86-06/09/86	2	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	75	321.	307.493	566.	98.	7503.443	86.622	179.2	253.	358.	409.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	76	8.5	8.572	13.3	0.2	9.477	3.079	4.81	6.825	10.8	12.53
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	64	1.8	2.291	7.6	0.5	3.424	1.85	0.5	1.1	3.075	5.6
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	71	7.1	7.085	8.1	6.	0.214	0.463	6.5	6.8	7.4	7.68
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	71	7.1	6.834	8.1	6.	0.278	0.527	6.5	6.8	7.4	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	71	0.079	0.146	1.	0.008	0.038	0.196	0.021	0.04	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	77	44.	51.896	130.	26.	324.094	18.003	34.	40.	61.	72.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	60 ##	2.	12.433	232.	0.	1286.351	35.866	2.	2.	6.75	20.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	65	0.086	0.187	2.93	0.	0.174	0.417	0.02	0.05	0.149	0.255
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	78	0.016	0.016	0.064	0.005	0.	0.012	0.005	0.005	0.022	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	78	0.585	0.666	1.56	0.13	0.149	0.386	0.21	0.32	0.988	1.227
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	67	0.424	0.585	4.84	0.	0.598	0.773	0.038	0.257	0.61	1.122
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	56	0.029	0.058	0.717	0.	0.012	0.108	0.005	0.018	0.051	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	55	0.015	0.022	0.121	0.	0.	0.021	0.005	0.012	0.026	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	75 ##	0.004	0.012	0.118	0.	0.	0.02	0.004	0.004	0.01	0.031
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-04/22/85	5	5.	6.02	12.	3.1	12.352	3.515	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-04/22/85	5	3.2	3.24	5.	2.	1.688	1.299	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	74	104.	106.243	158.	46.	501.365	22.391	81.	94.	120.	136.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	3	33.	33.333	42.	25.	72.333	8.505	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-09/17/90	46	4.55	4.517	10.9	1.2	1.968	1.403	3.04	3.8	5.3	5.53
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	11 ##	2.5	2.727	5.	2.5	0.568	0.754	2.5	2.5	2.5	4.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-07/09/90	19 ##	2.5	2.658	7.	1.	1.224	1.106	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-07/09/90	19 ##	5.	5.658	13.	2.5	6.168	2.484	5.	5.	5.	12.
01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-07/09/90	19 ##	12.5	9.816	14.	5.	14.423	3.798	5.	5.	12.5	13.
01045	IRON, TOTAL (UG/L AS FE)	10/17/83-07/09/90	19	616.	671.105	1621.	5.	197646.211	444.574	6.	401.	875.	1310.
01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-07/09/90	19 ##	25.	23.816	25.	2.5	26.645	5.162	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-07/09/90	19	42.	110.737	829.	0.	35701.094	188.947	14.	26.	106.	310.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	4	115000.	145825.	350000.	3300.22	650389166.667	150500.462	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/17/83-07/17/89	4	5.025	4.778	5.544	3.519	0.786	0.887	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59972.203								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	38	4000.	22580.421	200000.	275.	2287546952.737	47828.307	583.	1300.	12500.	65500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	38	3.602	3.662	5.301	2.439	0.566	0.753	2.765	3.114	4.089	4.787
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4592.376								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-09/17/90	6	2880.	10710.	32700.	0.	210923800.	14523.216	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-09/17/90	6	3.349	3.016	4.515	0.	2.799	1.673	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			1037.374								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-07/09/90	19 ##	0.1	0.118	0.25	0.1	0.002	0.045	0.1	0.1	0.1	0.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	77	9.	21.419	432.	1.1	3056.329	55.284	3.24	5.	15.	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	76	7	0.09	28	3	0.11	28	2	0.07	20	2	0.10			
00400	PH	Other-Hi Lim.	9.	71	0	0.00	28	0	0.00	26	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	71	9	0.13	28	3	0.11	26	4	0.15	17	2	0.12			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	78	0	0.00	28	0	0.00	29	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	78	0	0.00	28	0	0.00	29	0	0.00	21	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19	1	0.05	8	0	0.00	6	1	0.17	5	0	0.00			
		Drinking Water	5.	19	1	0.05	8	0	0.00	6	1	0.17	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	19	4	0.21	8	2	0.25	6	1	0.17	5	1	0.20			
		Drinking Water	5000.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	2	2	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37 &	37	1.00	14	14	1.00	13	13	1.00	10	10	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	77	5	0.06	28	1	0.04	29	3	0.10	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	3	10.8	10.967	12.7	9.4	2.743	1.656	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	3	185.	160.333	198.	98.	2956.333	54.372	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	3	0.8	3.533	9.6	0.2	27.693	5.262	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	3	6.9	7.	7.2	6.9	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	3	6.9	6.979	7.2	6.9	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	3	0.126	0.105	0.126	0.063	0.001	0.036	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	3	50.	46.	60.	28.	268.	16.371	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	3 ##	2.	50.333	147.	2.	7008.333	83.716	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	3	0.057	0.088	0.156	0.05	0.004	0.059	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	3 ##	0.005	0.008	0.015	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	3	0.64	0.64	0.67	0.61	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	3	0.61	0.528	0.705	0.268	0.053	0.23	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	3	0.027	0.138	0.371	0.017	0.041	0.202	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	3	0.013	0.018	0.028	0.012	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	3	0.008	0.007	0.008	0.004	0.	0.003	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	3	6.	71.4	204.	4.2	13187.88	114.838	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	10	13.85	14.63	24.7	3.8	63.433	7.965	4.	7.075	23.65	24.61
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	10	221.	226.7	321.	168.	2314.456	48.109	168.7	180.25	261.	315.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	10	6.95	5.58	8.6	1.	7.884	2.808	1.03	2.65	7.6	8.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	8	7.5	7.525	8.	6.9	0.111	0.333	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	8	7.5	7.402	8.	6.9	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	8	0.032	0.04	0.126	0.01	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	10	42.	45.6	62.	32.	139.378	11.806	32.	35.	58.5	61.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	9 ##	2.	2.333	5.	2.	1.	1.	2.	2.	2.	5.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	10	0.072	0.101	0.25	0.024	0.006	0.078	0.027	0.052	0.141	0.249
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	10 ##	0.009	0.01	0.019	0.005	0.	0.006	0.005	0.005	0.017	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	10	0.685	0.813	1.44	0.41	0.152	0.39	0.413	0.455	1.22	1.418
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	10	0.332	0.36	0.538	0.203	0.014	0.119	0.208	0.257	0.499	0.536
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	10	0.024	0.031	0.076	0.006	0.001	0.023	0.006	0.011	0.052	0.074
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	10	0.013	0.018	0.046	0.012	0.	0.011	0.012	0.012	0.019	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	10	0.007	0.01	0.026	0.007	0.	0.006	0.007	0.007	0.01	0.025
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	10	98.	100.	154.	46.	1019.556	31.93	47.4	82.5	123.5	152.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	10	4.7	6.61	21.	1.1	32.514	5.702	1.29	3.225	8.25	19.8

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Annual Analysis for 1985 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	9	19.7	18.356	25.	2.1	45.773	6.766	2.1	16.95	23.2	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	8	289.	268.375	358.	163.	5026.839	70.9	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	9	7.3	7.889	13.1	5.6	5.394	2.322	5.6	6.1	8.9	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	9	2.4	2.422	4.	1.1	1.127	1.062	1.1	1.25	3.4	4.
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	8	6.9	7.013	8.1	6.	0.441	0.664	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	8	6.889	6.64	8.1	6.	0.6	0.775	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	8	0.129	0.229	1.	0.008	0.106	0.326	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	9	66.	65.333	100.	42.	319.	17.861	42.	51.	74.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	9	4.	29.667	232.	2.	5769.5	75.957	2.	2.	9.5	232.

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Annual Analysis for 1985 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.061	0.075	0.184	0.02	0.002	0.05	0.02	0.044	0.103	0.184
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.016	0.015	0.026	0.005	0.	0.009	0.005	0.005	0.023	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.3	0.42	1.02	0.15	0.095	0.308	0.15	0.215	0.63	1.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	9	0.53	0.672	2.03	0.341	0.266	0.516	0.341	0.447	0.599	2.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	9	0.041	0.114	0.717	0.017	0.051	0.227	0.017	0.028	0.058	0.717
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	9	0.015	0.015	0.038	0.005	0.	0.01	0.005	0.008	0.015	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	9 ##	0.004	0.006	0.022	0.004	0.	0.006	0.004	0.004	0.006	0.022
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	9	108.	102.889	122.	50.	489.111	22.116	50.	97.	120.	122.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	9	10.	56.556	432.	4.	19844.528	140.871	4.	5.5	17.	432.

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Annual Analysis for 1986 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	12	11.65	14.167	24.6	1.7	75.65	8.698	1.97	6.25	23.525	24.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	12	347.	338.333	462.	101.	9537.333	97.659	148.7	298.5	427.25	456.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	12	9.25	9.275	13.2	6.1	6.115	2.473	6.19	6.8	11.275	13.14
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	12	1.65	1.625	3.	0.5	0.72	0.849	0.5	0.7	2.275	2.85
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	12	7.1	6.958	7.3	6.3	0.139	0.373	6.33	6.625	7.3	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	12	7.089	6.8	7.3	6.3	0.166	0.408	6.33	6.625	7.3	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	12	0.082	0.159	0.501	0.05	0.023	0.152	0.05	0.05	0.238	0.47
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	12	45.	53.	90.	32.	352.364	18.771	33.2	38.5	71.	85.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	12 ##	2.	4.167	21.	0.	33.606	5.797	0.	2.	4.	17.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	11	0.087	0.117	0.401	0.	0.014	0.12	0.004	0.02	0.162	0.373
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.019	0.02	0.03	0.005	0.	0.008	0.007	0.012	0.028	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.39	0.658	1.52	0.21	0.238	0.488	0.21	0.28	1.138	1.481
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	11	0.537	0.6	1.41	0.1	0.153	0.391	0.106	0.244	0.882	1.313
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	12	0.022	0.029	0.093	0.	0.001	0.028	0.	0.013	0.038	0.088
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	12	0.015	0.016	0.043	0.	0.	0.013	0.	0.005	0.024	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	12 ##	0.004	0.006	0.02	0.	0.	0.006	0.	0.004	0.009	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	12	119.	123.833	158.	96.	405.424	20.135	97.2	105.	139.5	156.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	12	5.	6.	14.	3.	10.364	3.219	3.3	4.	6.	13.1

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Annual Analysis for 1987 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	11	10.5	12.891	26.2	2.5	71.773	8.472	2.66	4.6	22.3	25.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	11	342.	321.909	384.	164.	3580.291	59.836	185.2	310.	353.	379.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	11	10.8	9.345	13.	3.9	8.715	2.952	4.28	6.3	11.5	12.82
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	11	1.2	2.909	7.4	0.5	7.485	2.736	0.5	0.5	5.9	7.26
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	9	6.6	6.678	7.	6.	0.112	0.335	6.	6.5	7.	7.
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	9	6.6	6.546	7.	6.	0.132	0.363	6.	6.5	7.	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	9	0.251	0.285	1.	0.1	0.08	0.284	0.1	0.1	0.316	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	12	53.	52.333	70.	34.	133.697	11.563	35.2	42.5	61.5	68.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	5 ##	2.	5.6	18.	2.	48.8	6.986	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.08	0.135	0.476	0.02	0.024	0.154	0.02	0.02	0.234	0.476
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.55	0.67	1.56	0.13	0.212	0.461	0.132	0.32	1.025	1.482
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	6 ##	0.33	0.481	1.82	0.02	0.454	0.674	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	3	0.04	0.043	0.071	0.019	0.001	0.026	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	3	0.024	0.024	0.033	0.015	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	12 ##	0.004	0.006	0.035	0.004	0.	0.009	0.004	0.004	0.004	0.026

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Annual Analysis for 1987 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	12	112.	110.5	128.	88.	176.818	13.297	89.2	99.	122.	126.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	12	10.5	13.583	38.	2.	124.992	11.18	2.6	4.5	19.5	35.9

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Annual Analysis for 1988 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	12	14.4	14.533	27.3	5.	63.895	7.993	5.27	6.175	22.275	26.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	12	359.	366.417	437.	300.	1199.902	34.64	311.4	352.	386.	428.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	12	9.35	9.392	13.3	3.9	8.321	2.885	4.77	7.125	12.35	13.24
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	11	1.8	2.768	7.6	0.5	4.63	2.152	0.62	1.2	3.95	7.14
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	12	7.05	6.95	7.9	6.1	0.19	0.436	6.22	6.725	7.1	7.69
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	12	7.047	6.753	7.9	6.1	0.232	0.482	6.22	6.725	7.1	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	12	0.09	0.177	0.794	0.013	0.044	0.21	0.028	0.079	0.189	0.651
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	12	55.	57.	84.	40.	284.	16.852	40.	40.	70.	83.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	3 ##	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	3	0.125	0.127	0.141	0.115	0.	0.013	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.017	0.02	0.064	0.005	0.	0.016	0.005	0.007	0.023	0.054
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	12	0.48	0.67	1.38	0.17	0.226	0.475	0.173	0.243	1.133	1.353
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	11 ##	0.061	0.155	0.473	0.015	0.027	0.165	0.016	0.039	0.315	0.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	10 ##	0.007	0.014	0.041	0.004	0.	0.014	0.004	0.004	0.025	0.041
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	12	108.	113.167	152.	88.	358.879	18.944	90.4	100.	126.5	148.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	12	15.	23.	108.	3.	812.909	28.512	3.6	7.25	27.5	86.4

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Annual Analysis for 1989 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	10	12.8	14.1	26.3	2.7	64.747	8.047	2.78	6.95	21.475	25.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	10	331.5	351.7	566.	253.	8174.233	90.411	254.6	286.25	398.5	550.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	10	10.3	10.09	12.3	7.2	2.937	1.714	7.23	8.925	11.175	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	11	1.1	1.582	6.4	0.5	3.176	1.782	0.5	0.5	1.6	5.74
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	10	7.3	7.34	7.9	6.5	0.167	0.409	6.56	7.175	7.675	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	10	7.3	7.147	7.9	6.5	0.208	0.456	6.56	7.175	7.675	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	10	0.05	0.071	0.316	0.013	0.008	0.089	0.013	0.022	0.067	0.293
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	10	41.	42.	58.	26.	98.667	9.933	26.8	34.	51.	57.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	10	8.	16.4	80.	2.	569.822	23.871	2.	2.	23.	74.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	11	0.098	0.366	2.93	0.046	0.726	0.852	0.048	0.057	0.165	2.39
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	11	0.017	0.018	0.034	0.005	0.	0.011	0.005	0.005	0.026	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	11	0.5	0.658	1.16	0.31	0.087	0.295	0.318	0.46	0.83	1.154
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	8	0.569	1.018	4.84	0.	2.503	1.582	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	9	0.031	0.054	0.233	0.	0.007	0.081	0.	0.003	0.09	0.233
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	8	0.021	0.035	0.121	0.	0.002	0.043	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	10	0.011	0.033	0.118	0.004	0.002	0.044	0.004	0.004	0.055	0.117
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	10	95.	92.2	110.	68.	203.956	14.281	68.8	77.5	104.	109.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	10	8.	18.5	108.	3.	1016.278	31.879	3.	4.5	14.75	99.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	9	14.	15.411	26.2	6.4	49.149	7.011	6.4	8.95	22.25	26.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	9	299.	294.667	440.	185.	5871.5	76.626	185.	228.5	336.	440.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	9	9.6	9.6	12.5	6.2	5.74	2.396	6.2	7.5	12.3	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-09/17/90	9	2.3	2.578	5.9	0.5	3.424	1.851	0.5	0.9	4.15	5.9
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	9	7.3	7.256	7.5	6.6	0.078	0.279	6.6	7.15	7.45	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	9	7.3	7.15	7.5	6.6	0.09	0.3	6.6	7.15	7.45	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	9	0.05	0.071	0.251	0.032	0.005	0.069	0.032	0.036	0.071	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	9	42.	49.556	130.	32.	930.778	30.509	32.	35.	44.	130.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	9	5.	6.333	20.	2.	35.75	5.979	2.	2.	9.	20.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.102	0.364	1.51	0.044	0.312	0.559	0.044	0.057	0.668	1.51
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.017	0.019	0.06	0.005	0.	0.017	0.005	0.008	0.025	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	9	0.81	0.769	0.95	0.45	0.027	0.163	0.45	0.64	0.895	0.95
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	9	0.612	0.96	3.72	0.262	1.258	1.122	0.262	0.284	1.201	3.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	9	0.034	0.053	0.146	0.012	0.002	0.044	0.012	0.021	0.084	0.146
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	9	0.024	0.031	0.064	0.005	0.	0.021	0.005	0.017	0.055	0.064
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	9	0.008	0.014	0.049	0.004	0.	0.015	0.004	0.004	0.023	0.049
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	9	92.	93.778	130.	58.	369.444	19.221	58.	85.	103.	130.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	9	11.	18.222	66.	7.	335.444	18.315	7.	9.5	18.	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	28	21.3	20.443	27.3	9.6	25.702	5.07	12.53	16.5	24.675	26.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	28	312.5	303.357	442.	163.	5998.016	77.447	183.5	250.75	359.75	410.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	28	7.15	7.021	11.1	0.2	4.455	2.111	3.9	6.225	8.2	9.46
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	28	7.2	7.125	7.9	6.	0.211	0.459	6.49	6.8	7.475	7.72
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	28	7.2	6.866	7.9	6.	0.281	0.53	6.49	6.8	7.475	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	28	0.063	0.136	1.	0.013	0.039	0.197	0.019	0.034	0.158	0.324
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	28	61.	64.714	130.	32.	342.878	18.517	43.4	56.5	70.	84.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	20	3.	6.55	26.	0.	55.839	7.473	2.	2.	9.75	20.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	23	0.09	0.109	0.251	0.02	0.005	0.067	0.031	0.057	0.142	0.237
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	28	0.017	0.017	0.034	0.005	0.	0.008	0.005	0.011	0.022	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	28	0.4	0.406	0.81	0.13	0.031	0.175	0.177	0.278	0.475	0.708
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	23	0.438	0.386	0.882	0.	0.064	0.254	0.028	0.1	0.59	0.701
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	19	0.026	0.034	0.093	0.	0.001	0.023	0.005	0.022	0.042	0.075
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	19	0.015	0.019	0.06	0.	0.	0.014	0.005	0.012	0.024	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	28 ##	0.004	0.011	0.118	0.	0.	0.022	0.004	0.004	0.009	0.021
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	27	108.	110.296	152.	58.	450.37	21.222	82.8	94.	124.	140.
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-09/17/90	17	4.3	4.365	6.	3.1	0.61	0.781	3.42	3.75	4.95	5.76
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	14	4200.	25601.429	200000.	450.	2857050105.495	53451.381	485.	1437.5	27000.	127000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	14	3.623	3.743	5.301	2.653	0.629	0.793	2.685	3.126	4.375	5.017
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5538.024								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	28	9.	12.232	66.	3.	168.964	12.999	3.27	5.25	12.	30.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	28	6.15	6.889	18.4	1.7	15.778	3.972	2.46	3.575	9.85	12.11
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	27	336.	309.074	566.	98.	11803.456	108.644	151.4	205.	358.	440.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	28	11.55	10.618	13.3	0.8	9.384	3.063	4.99	9.65	12.575	13.11
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	26	7.	6.938	7.8	6.1	0.148	0.385	6.44	6.6	7.1	7.46
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	26	7.	6.775	7.8	6.1	0.176	0.419	6.44	6.6	7.1	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	26	0.1	0.168	0.794	0.016	0.029	0.17	0.035	0.079	0.251	0.372
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	29	40.	40.828	64.	26.	69.576	8.341	32.	35.	43.	50.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	24 ##	2.	22.833	232.	0.	3057.449	55.294	2.	2.	8.25	113.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	24	0.113	0.193	1.51	0.	0.092	0.304	0.031	0.048	0.213	0.439
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	29	0.012	0.015	0.06	0.005	0.	0.012	0.005	0.005	0.022	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	29	1.03	0.965	1.56	0.135	0.164	0.405	0.21	0.75	1.255	1.44
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	27	0.473	0.686	3.72	0.	0.616	0.785	0.029	0.262	0.729	1.862
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	23	0.025	0.08	0.717	0.	0.026	0.16	0.005	0.017	0.052	0.281
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	22	0.017	0.023	0.082	0.	0.	0.018	0.005	0.012	0.029	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	26	0.007	0.016	0.106	0.	0.001	0.023	0.004	0.004	0.024	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	27	104.	106.593	158.	50.	583.328	24.152	74.4	96.	118.	152.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-09/17/90	16	5.	4.85	10.9	1.2	4.111	2.027	2.25	3.925	5.4	7.19
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	13	4000.	19711.923	160000.	590.	1986690159.077	44572.303	670.	1227.	10950.	117600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	13	3.602	3.63	5.204	2.771	0.51	0.714	2.822	3.078	3.96	5.015
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4264.814								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	29	6.	34.541	432.	2.	7493.405	86.564	3.	4.	19.	108.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-09/17/90	20	17.45	17.25	23.6	9.4	26.293	5.128	10.54	12.1	22.3	23.57
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-09/17/90	20	313.5	311.15	462.	182.	4505.503	67.123	210.	282.75	352.25	390.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-09/17/90	20	8.	7.88	10.9	1.	7.528	2.744	1.78	6.825	10.05	10.78
00400	PH (STANDARD UNITS)	10/17/83-09/17/90	17	7.3	7.241	8.1	6.	0.286	0.535	6.4	6.95	7.55	8.02
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-09/17/90	17	7.3	6.884	8.1	6.	0.422	0.65	6.4	6.95	7.55	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-09/17/90	17	0.05	0.131	1.	0.008	0.057	0.238	0.01	0.028	0.119	0.453
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-09/17/90	20	44.	50.	100.	32.	273.684	16.543	34.2	38.	60.	73.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-09/17/90	16 ##	3.	4.188	13.	2.	9.096	3.016	2.	2.	5.75	8.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	18	0.062	0.278	2.93	0.02	0.506	0.711	0.02	0.037	0.086	1.337
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	21	0.012	0.017	0.064	0.005	0.	0.014	0.005	0.005	0.025	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-09/17/90	21	0.56	0.599	1.09	0.16	0.076	0.275	0.23	0.325	0.76	1.028
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-09/17/90	17	0.344	0.695	4.84	0.02	1.29	1.136	0.053	0.19	0.576	2.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-09/17/90	14	0.038	0.052	0.233	0.	0.004	0.06	0.	0.012	0.075	0.163
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-09/17/90	14	0.015	0.025	0.121	0.	0.001	0.033	0.	0.005	0.029	0.093
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-09/17/90	21 ##	0.004	0.009	0.038	0.004	0.	0.009	0.004	0.004	0.011	0.025
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-09/17/90	20	99.	100.3	138.	46.	451.063	21.238	62.8	92.5	116.	129.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-09/17/90	13	4.5	4.308	5.5	1.7	1.199	1.095	2.34	3.6	5.35	5.46
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	11	2300.	22125.545	160000.	275.	2342028948.273	48394.514	420.	1300.	11000.	139000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	11	3.362	3.597	5.204	2.439	0.65	0.806	2.551	3.114	4.041	5.111
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3949.326								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-09/17/90	20	9.5	15.255	108.	1.1	515.101	22.696	4.	5.	17.	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0204

NPS Station ID: GWMP0204 | LAT/LON: 38.835559/ -77.026670 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: FOUR MILE RUN, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS33
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0091.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010026 | RF1 Mile Point: 5.050 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003200.53 | RF3 Mile Point: 0.59 | Distance from RF3: 0.16 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FOUR MILE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	64	15.65	15.617	30.6	0.8	89.	9.434	3.	6.2	24.95	27.75
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	52.455	100.	0.	2153.273	46.403	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/13/83-02/27/84	4	0.45	0.45	0.8	0.1	0.123	0.351	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	55	294.	291.727	524.	120.	8568.461	92.566	159.6	230.	348.	426.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	8.5	8.643	13.9	1.7	8.632	2.938	5.48	6.7	10.8	12.84
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/83-12/14/83	3	1.6	1.467	2.3	0.5	0.823	0.907	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	55	7.6	7.673	8.9	6.9	0.207	0.455	7.2	7.4	7.9	8.48
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	55	7.6	7.495	8.9	6.9	0.239	0.489	7.2	7.4	7.9	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	55	0.025	0.032	0.126	0.001	0.001	0.027	0.003	0.013	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/83-12/14/83	3	80.	72.667	94.	44.	665.333	25.794	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/13/83-12/14/83	3	6.	33.667	91.	4.	2466.333	49.662	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/13/83-11/15/83	2	0.126	0.126	0.213	0.039	0.015	0.123	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-12/14/83	3	0.011	0.022	0.051	0.005	0.001	0.025	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/83-12/14/83	3	1.45	1.093	1.56	0.27	0.511	0.715	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/83-12/14/83	3	0.525	0.472	0.545	0.347	0.012	0.109	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/83-12/14/83	3	0.1	0.144	0.237	0.094	0.007	0.081	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/83-12/14/83	3	0.063	0.064	0.077	0.053	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/83-12/14/83	3	0.038	0.046	0.063	0.038	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/83-12/14/83	3	7.1	8.967	16.3	3.5	43.573	6.601	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/13/83-12/14/83	3	4.	4.6	6.5	3.3	2.83	1.682	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/83-12/14/83	3	40.	45.333	70.	26.	505.333	22.48	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/13/83-01/16/85	4	2.15	2.125	3.5	0.7	1.309	1.144	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/83-10/13/83	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/83-10/13/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/13/83-10/13/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/13/83-10/13/83	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/13/83-10/13/83	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/13/83-10/13/83	1	704.	704.	704.	704.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/13/83-12/14/83	3	13000.	11100.	17000.	3300.	49630000.	7044.856	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/13/83-12/14/83	3	4.114	3.954	4.23	3.519	0.146	0.382	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9001.234								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-12/14/83	3	790.	753.333	1300.	170.	320233.333	565.892	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/13/83-12/14/83	3	2.898	2.747	3.114	2.23	0.212	0.461	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			558.907								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/13/83-12/14/83	3	4.	15.333	41.	1.	496.333	22.279	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/13/83-12/14/83	3	10.	9.	15.	2.	43.	6.557	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/83-10/13/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/13/83-12/14/83	3	14.	48.667	120.	12.	3817.333	61.785	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	23	0	0.00	24	4	0.17	16	1	0.06			
00400	PH	Other-Hi Lim.	9.	55	0	0.00	21	0	0.00	22	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	55	0	0.00	21	0	0.00	22	0	0.00	12	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	2	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	1	0	0.00	2	2	1.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	7.2	11.267	19.7	6.9	53.363	7.305	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.5	10.1	12.1	7.7	4.96	2.227	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	14.7	15.689	28.7	0.8	129.696	11.388	0.8	4.45	26.8	28.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	9.3	9.822	13.9	6.5	7.822	2.797	6.5	7.05	12.45	13.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.3	12.667	20.	5.7	51.223	7.157	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.8	10.267	12.5	7.5	6.463	2.542	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	10	20.6	15.95	28.5	0.8	132.272	11.501	0.91	3.625	26.5	28.45
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.05	8.29	13.8	2.5	15.248	3.905	2.79	5.7	13.1	13.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	12	11.75	14.375	28.7	2.5	100.466	10.023	2.59	6.85	26.075	28.07
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	12	7.15	6.708	10.9	1.7	10.154	3.186	1.88	3.45	9.7	10.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	17.6	18.213	30.6	5.8	69.947	8.363	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.75	8.387	11.	5.7	3.541	1.882	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	15.3	15.482	27.5	2.7	87.764	9.368	2.8	4.7	24.6	27.22
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	9.35	9.56	13.6	6.8	4.478	2.116	6.88	7.675	10.9	13.42

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.5	17.313	25.3	6.	73.973	8.601	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	7.55	8.612	12.6	5.6	7.696	2.774	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	25.15	24.35	30.6	15.3	15.109	3.887	17.85	21.825	27.275	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	20	350.	349.95	524.	167.	7348.471	85.723	234.5	287.75	416.5	462.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	6.9	7.191	9.8	5.4	1.484	1.218	5.64	6.1	8.	9.28
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.4	7.476	8.	7.	0.072	0.268	7.2	7.25	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	21	7.4	7.404	8.	7.	0.077	0.278	7.2	7.25	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	21	0.04	0.039	0.1	0.01	0.	0.022	0.013	0.023	0.057	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	5.6	5.517	12.3	0.8	10.061	3.172	1.35	2.9	6.975	11.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	22	290.5	271.773	492.	120.	8137.232	90.207	123.3	222.	320.25	371.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	24	11.4	10.296	13.9	1.7	13.526	3.678	2.9	9.5	12.9	13.7
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	22	7.8	7.873	8.7	6.9	0.274	0.524	7.02	7.5	8.325	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	22	7.8	7.588	8.7	6.9	0.359	0.599	7.02	7.5	8.325	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	22	0.016	0.026	0.126	0.002	0.001	0.035	0.002	0.005	0.032	0.103

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	16	16.65	17.669	28.7	7.	45.466	6.743	8.4	12.1	23.925	27.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/83-09/10/90	13	226.	235.923	319.	153.	2929.41	54.124	157.4	189.	285.	314.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	16	8.7	8.25	11.4	2.3	4.997	2.235	4.89	6.85	10.	10.77
00400	PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.55	7.65	8.9	7.2	0.208	0.456	7.23	7.35	7.675	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/13/83-09/10/90	12	7.547	7.52	8.9	7.2	0.227	0.476	7.23	7.35	7.675	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/83-09/10/90	12	0.028	0.03	0.063	0.001	0.	0.018	0.003	0.021	0.045	0.059

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0205

NPS Station ID: GWMP0205
LAT/LON: 38.836115/ -77.027226
Agency: 21MDEXP
Date Created: 06/27/81
Location: BOLLING AIR FORCE BASE-CAN BUOY 9
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078750011308
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.45
Distance from RF3: 0.11
On/Off RF3:
Description:
BOLLING AIR FORCE BASE-CAN BUOY 9

Parameter Inventory for Station: GWMP0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0206

NPS Station ID: GWMP0206
LAT/LON: 38.838337/ -77.027226
Agency: 1113UPBA
Date Created: / /
Location: PO.R. BOLLING AFB NEAR C"9"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 009 /009 /7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010073500.00
RF3 Mile Point: 1.48
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	8	4.25	3.875	5.5	2.	1.696	1.302	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	8	2125.	7208.75	34800.	700.	136830041.071	11697.437	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	8	3.22	3.426	4.542	2.845	0.412	0.642	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2664.704								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	9	790.	1373.333	4600.	100.	2606625.	1614.505	100.	185.	2600.	4600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	9	2.898	2.826	3.663	2.	0.349	0.591	2.	2.247	3.389	3.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			669.834								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	8	280.	541.25	1200.	80.	281783.929	530.833	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	8	2.331	2.47	3.079	1.903	0.298	0.546	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			295.26								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	4	0.50				8	4	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9	7	0.78				9	7	0.78						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0207

NPS Station ID: GWMP0207 LAT/LON: 38.840838/ -77.144170 Agency: 112WRD Date Created: / /
Location: HOLMES RUN BELOW LAKE BARCROFT NR ALEXANDRIA, VA FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01652670
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 1.30 On/Off RF1:
RF3 Index: 02070010058500.00 RF3 Mile Point: 0.54 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-04/28/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-04/28/69	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-04/28/69	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-04/28/69	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-04/28/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-04/28/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-04/28/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-04/28/69	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-04/28/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-04/28/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-04/28/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-04/28/69	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-04/28/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-04/28/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-04/28/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-04/28/69	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-04/28/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-04/28/69	1	118.	118.	118.	118.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-04/28/69	1	106.	106.	106.	106.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-04/28/69	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-04/28/69	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-04/28/69	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0208

NPS Station ID: GWMP0208 LAT/LON: 38.841115/ -77.048338 Agency: 21VASWCB Date Created: / /
Location: GEORGE WASHIGTON PARKWAY BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU000.19 /VA1A06-X0039/VA1A3X0039
RMI-Indexes: 0214001 002630 Within Park Boundary: Yes
RMI-Miles: 0110.62 0000.19
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.270 Distance from RF1: 14.50 On/Off RF1: OFF
RF3 Index: 02070010059800.00 RF3 Mile Point: 0.70 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	225	18.	17.805	32.9	0.9	52.229	7.227	8.68	12.25	24.55	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	100	9.4	11.772	53.	2.1	82.395	9.077	3.21	5.05	15.225	24.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	16	5.65	6.706	15.5	2.2	11.897	3.449	3.39	4.2	8.95	13.05
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/18/75-04/18/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	19	1.	4.427	24.	0.1	69.035	8.309	0.4	0.5	2.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	23	36.	57.217	378.	17.	5282.451	72.68	23.	29.	52.	90.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	152	523.5	531.724	1987.	55.	55101.433	234.737	310.6	403.	611.	696.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	70	554.	551.357	1457.	214.	42694.059	206.625	336.1	439.5	610.	706.5
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	46	7.3	7.437	11.1	4.1	2.139	1.462	5.67	6.375	8.125	9.36
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	172	7.8	8.003	14.5	4.4	3.203	1.79	5.7	6.825	9.275	10.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	222	5.	6.941	108.	0.	75.035	8.662	2.	3.	8.	13.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	178	18.	22.249	335.	0.	663.139	25.751	10.9	14.	24.25	34.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	214	7.3	7.243	9.8	1.5	0.438	0.662	6.7	6.975	7.5	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	214	7.3	3.83	9.8	1.5	12.14	3.484	6.7	6.975	7.5	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	214	0.05	147.863	31622.777	0.	4672869.58	2161.682	0.016	0.032	0.106	0.2
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	145	7.4	7.394	8.3	6.3	0.174	0.417	6.8	7.1	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	145	7.4	7.195	8.3	6.3	0.214	0.463	6.8	7.1	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	145	0.04	0.064	0.501	0.005	0.005	0.073	0.013	0.02	0.079	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	144	76.5	79.924	177.	26.	910.421	30.173	39.5	57.	99.	121.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	126	319.5	327.794	876.	101.	11334.117	106.462	224.1	268.	360.	419.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	126	67.5	82.468	900.	23.	8115.419	90.086	41.	53.	86.25	114.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	126	243.	251.845	747.	0.5	8635.194	92.926	168.7	205.75	280.	334.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	225	13.	26.113	600.	1.5	3063.64	55.35	4.	8.	24.	50.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	225	4.	7.942	220.	0.	299.015	17.292	1.5	2.	8.	15.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	225	9.	18.631	500.	0.	1845.073	42.954	2.5	4.	17.	35.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	220	5.	5.982	17.6	0.02	20.73	4.553	0.6	2.1	9.	13.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	223	0.13	0.252	3.299	0.005	0.168	0.409	0.03	0.07	0.25	0.53
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	195	1.81	2.53	10.9	0.1	4.76	2.182	0.478	1.	3.4	5.74
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	219	7.	7.709	21.6	0.6	27.437	5.238	1.5	3.3	11.8	15.59
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	26	0.8	1.282	6.5	0.13	1.815	1.347	0.357	0.515	1.525	3.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	175	0.1	0.496	3.9	0.04	0.616	0.785	0.05	0.1	0.5	1.7
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	135	0.11	0.501	3.	0.005	0.561	0.749	0.02	0.03	0.6	1.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	220	8.	10.543	143.	0.2	117.355	10.833	4.9	5.9	13.75	17.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	97	138.	133.289	200.	58.	1095.27	33.095	84.	111.	161.	176.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	1	6630.	6630.	6630.	6630.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	140	66.5	72.471	486.	10.	4146.855	64.396	31.1	43.25	80.	100.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	78	47.	46.526	74.	19.	128.642	11.342	30.	39.5	53.25	63.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	46	0.545	0.527	0.98	0.05	0.059	0.242	0.207	0.325	0.75	0.826
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	85	8.2	7.953	13.2	1.1	6.728	2.594	4.26	5.95	10.2	11.2
01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	14	## 1.	2.179	5.	1.	3.446	1.856	1.	1.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-06/09/92	3	3.4	4.467	8.3	1.7	11.743	3.427	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	## 3.75	3.75	5.	2.5	2.083	1.443	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-06/09/92	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	15	## 5.	4.3	5.	0.5	1.886	1.373	1.7	4.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3	## 0.15	0.188	0.33	0.085	0.016	0.127	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3	26.9	25.1	27.4	21.	12.67	3.559	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	15	## 5.	57.833	780.	0.5	39932.774	199.832	1.4	5.	10.	324.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	16	## 7.5	15.	60.	5.	280.	16.733	5.	5.	20.	53.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-06/09/92	3	56.8	52.367	59.4	40.9	100.303	10.015	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	6	695.	930.333	1800.	472.	259352.667	509.267	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	16	6.	19.844	116.	1.	867.924	29.461	1.7	5.	28.25	71.2
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-06/09/92	3	150.	144.333	158.	125.	296.333	17.214	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	8	305.	304.275	420.	180.	5679.919	75.365	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	## 5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	8	## 50.	45.	50.	10.	200.	14.142	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	6	## 7.5	15.833	50.	5.	314.167	17.725	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3	20.8	22.567	26.9	20.	14.243	3.774	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	14	27.5	57.5	420.	5.	11360.577	106.586	5.	10.	52.5	250.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-06/09/92	3	149.	149.	162.	136.	169.	13.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4	## 5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-06/09/92	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	19	430.	5620.	24000.	15.	96120897.222	9804.127	15.	230.	4300.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/07/75-08/17/77	19	2.633	2.808	4.38	1.176	1.114	1.055	1.176	2.362	3.633	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			643.048								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	430.	4237.367	24000.	1.5	55828550.775	7471.851	9.6	41.25	4600.	22700.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	2.633	2.6	4.38	0.176	1.524	1.234	0.976	1.614	3.663	4.346
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			398.108								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	190	100.	1489.895	24000.	1.5	12516731.777	3537.899	15.	50.	1000.	4780.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	190	2.	2.236	4.38	0.176	0.98	0.99	1.176	1.699	3.	3.679
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			172.181								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-09/13/94	49	13.31	20.414	168.2	0.47	764.124	27.643	1.71	4.065	27.095	44.82
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	48	6.81	12.449	91.31	0.01	291.042	17.06	0.76	2.625	12.738	31.524
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	48	6.775	13.08	122.45	0.2	445.828	21.115	0.756	1.445	11.488	36.059
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-08/16/94	48	1.34	1.34	1.92	0.8	0.044	0.209	1.079	1.223	1.498	1.6
32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	6	0.7	0.633	0.7	0.4	0.015	0.121	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-06/09/92	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	2	## 0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	2	## 0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/01/79-07/13/93	5	0.	0.02	0.05	0.	0.001	0.027	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-06/09/92	2	## 5.003	5.003	10.	0.005	49.95	7.068	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	6	0.003	0.026	0.1	0.	0.002	0.041	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-06/09/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	2 ##	50.025	50.025	100.	0.05	4995.001	70.675	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	2 ##	50.025	50.025	100.	0.05	4995.001	70.675	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.015	0.05	0.	0.001	0.022	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	4	0.	0.063	0.25	0.	0.016	0.125	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	1	112.	112.	112.	112.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	81	0.3	0.506	2.5	0.	0.273	0.522	0.	0.1	0.85	1.24
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	48	2.55	2.553	9.	0.05	2.415	1.554	0.76	1.5	3.25	4.41
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	88	0.585	1.202	6.399	0.005	1.966	1.402	0.01	0.023	2.074	3.219
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	14 ##	0.2	0.354	2.	0.15	0.236	0.486	0.15	0.15	0.288	1.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-06/09/92	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	1	33810.	33810.	33810.	33810.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	24	7.8	14.646	152.	2.2	895.247	29.921	2.4	3.95	11.775	24.5

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EPA Water Quality Criteria Analysis for Station: GWMP0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	100	1	0.01	34	0	0.00	40	0	0.00	26	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	172	0	0.00	60	0	0.00	66	0	0.00	46	0	0.00			
00400	PH	Other-Hi Lim.	9.	214	3	0.01	74	2	0.03	84	1	0.01	56	0	0.00			
		Other-Lo Lim.	6.5	214	9	0.04	74	3	0.04	84	5	0.06	56	1	0.02			
00403	PH, LAB	Other-Hi Lim.	9.	145	0	0.00	51	0	0.00	54	0	0.00	40	0	0.00			
		Other-Lo Lim.	6.5	145	3	0.02	51	0	0.00	54	2	0.04	40	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0208

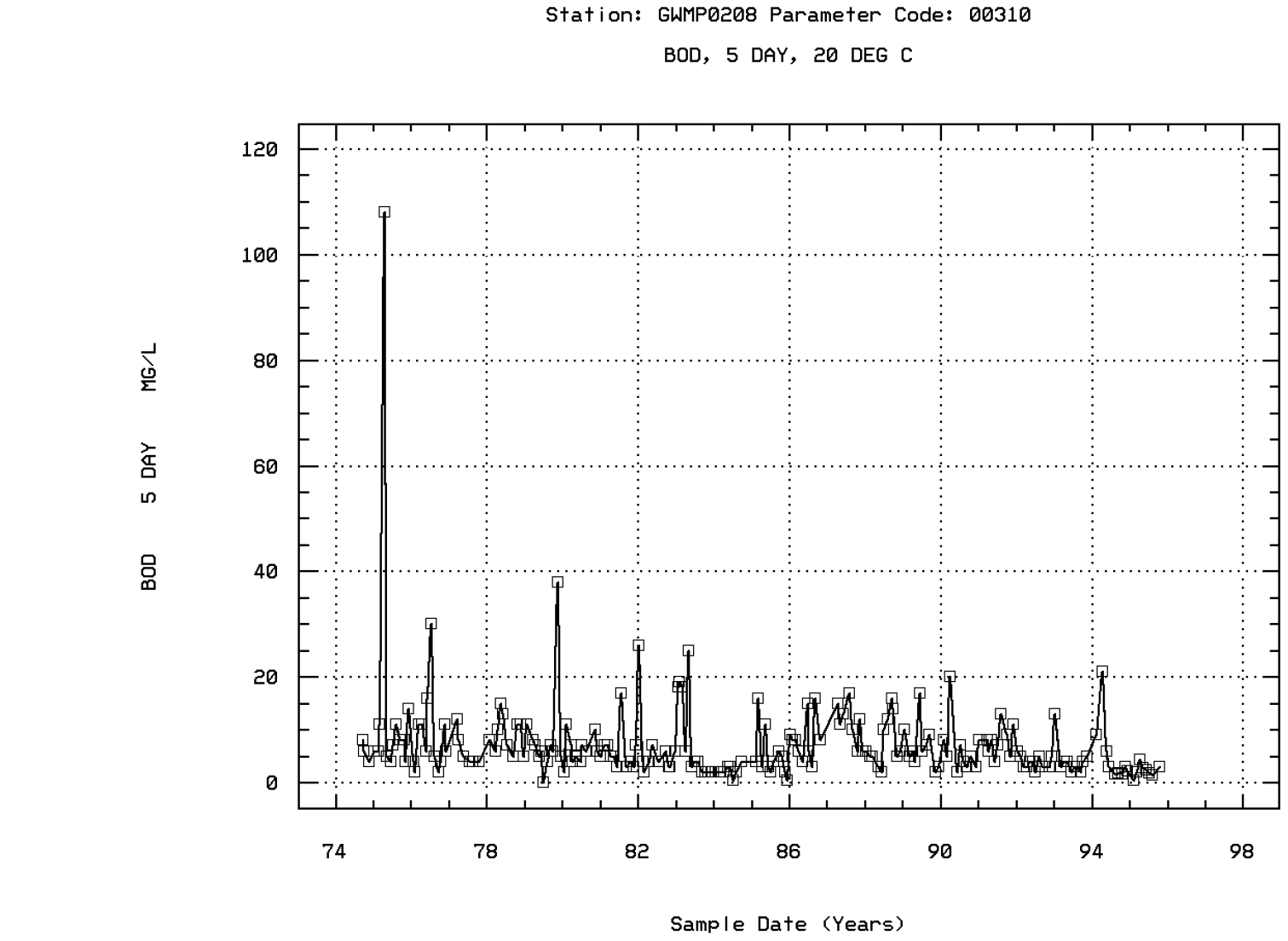
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	223	12	0.05	75	3	0.04	87	5	0.06	61	4	0.07			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	195	1	0.01	66	0	0.00	76	1	0.01	53	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	9	0	0.00	10	0	0.00	7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	140	0	0.00	49	0	0.00	53	0	0.00	38	0	0.00			
		Drinking Water	250.	140	3	0.02	49	0	0.00	53	3	0.06	38	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	78	0	0.00	26	0	0.00	32	0	0.00	20	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	15	0	0.00	20	0	0.00	11	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	2 &	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	1	0.25	3	1	0.33				1	0	0.00			
		Drinking Water	5.	4 &	0	0.00	3	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	1	0.07	7	0	0.00	3	1	0.33	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	5	0.31	7	2	0.29	3	2	0.67	6	1	0.17			
		Drinking Water	1300.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	1	0.06	7	0	0.00	3	1	0.33	6	0	0.00			
		Drinking Water	15.	16	6	0.38	7	1	0.14	3	2	0.67	6	3	0.50			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	14	1	0.07	5	0	0.00	3	1	0.33	6	0	0.00			
		Drinking Water	5000.	14	0	0.00	5	0	0.00	3	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	19	6	0.32	9	3	0.33	5	1	0.20	5	2	0.40			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	12	0.40	10	4	0.40	12	5	0.42	8	3	0.38			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	190	89	0.47	63	38	0.60	76	27	0.36	51	24	0.47			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	1.	5	0	0.00	4	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	4	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	4	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	4	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	4	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	4	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	2.	5	0	0.00	4	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

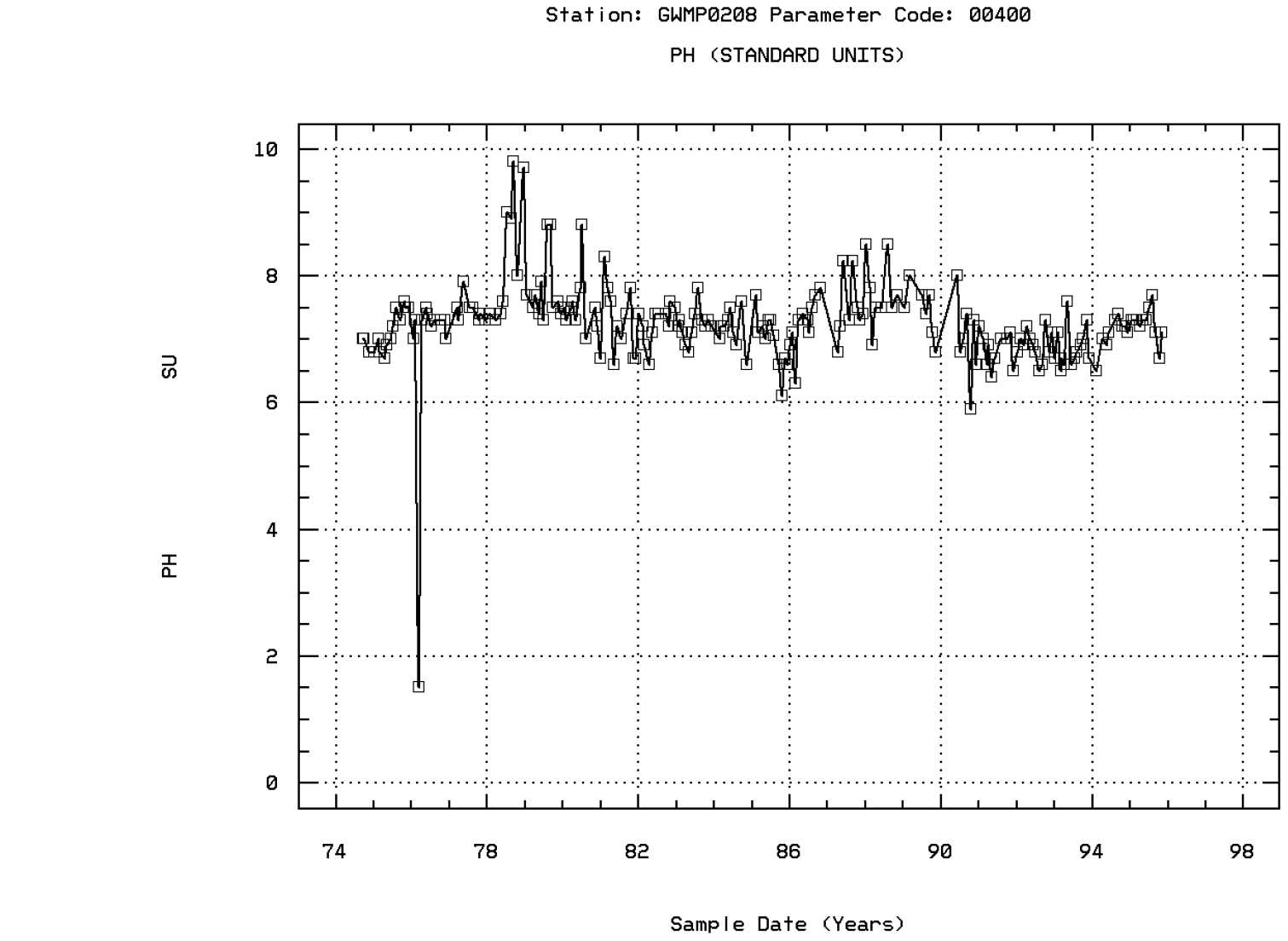
EPA Water Quality Criteria Analysis for Station: GWMP0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	81	68	0.84	28	26	0.93	30	24	0.80	23	18	0.78			
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	2.	14	1	0.07	7	0	0.00	2	0	0.00	5	1	0.20			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	24	1	0.04	8	0	0.00	8	1	0.13	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



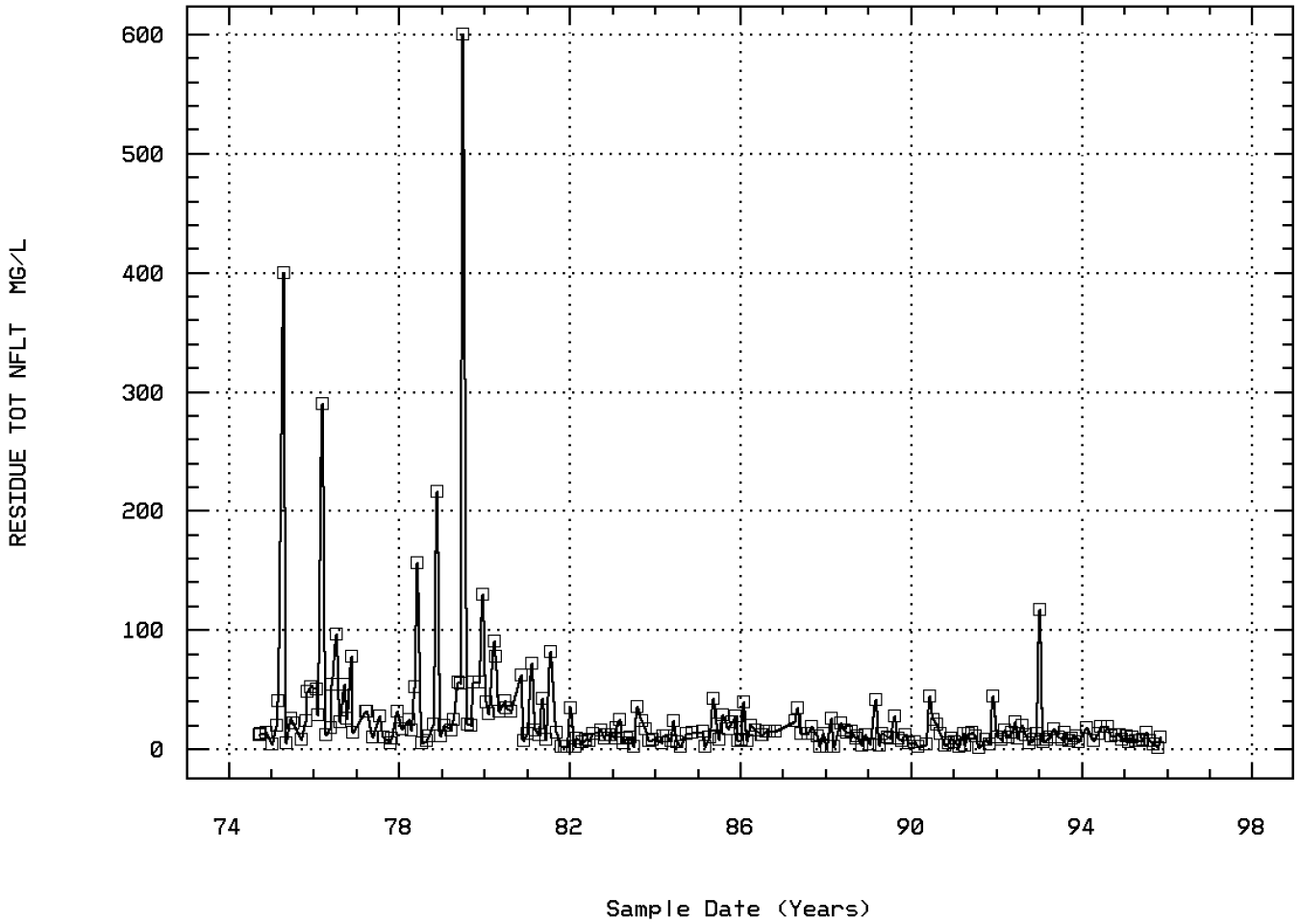
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00530

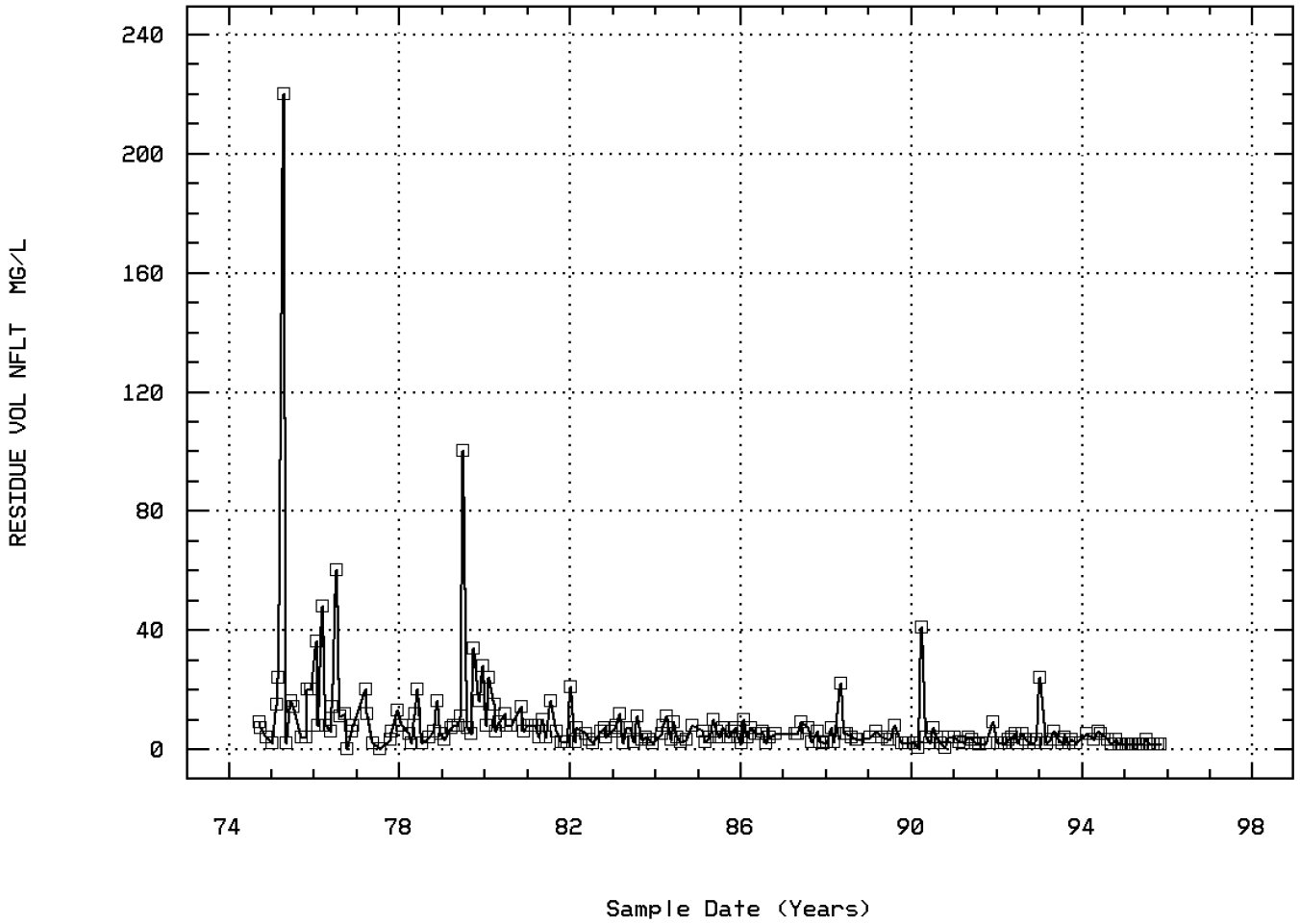
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00535

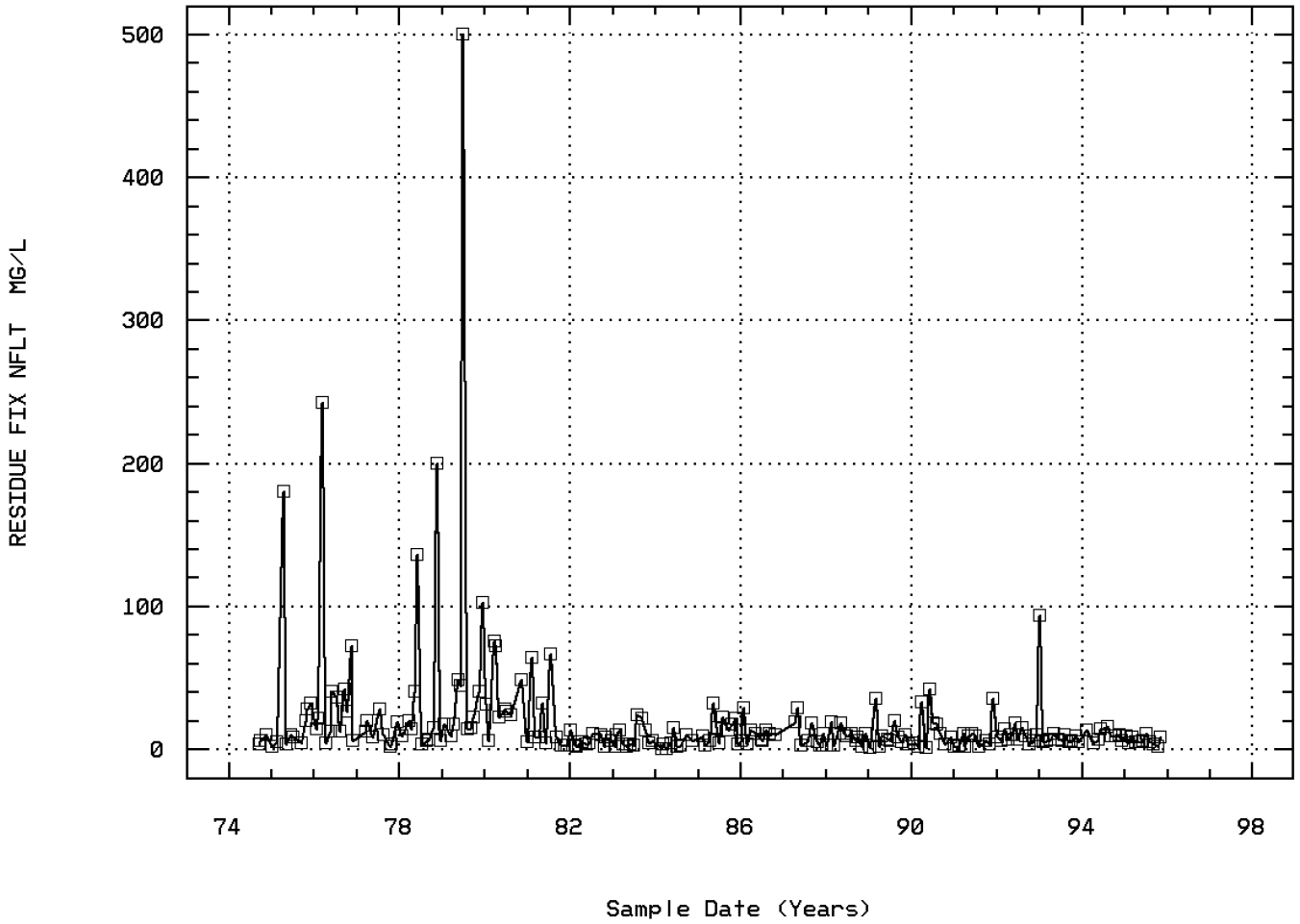
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



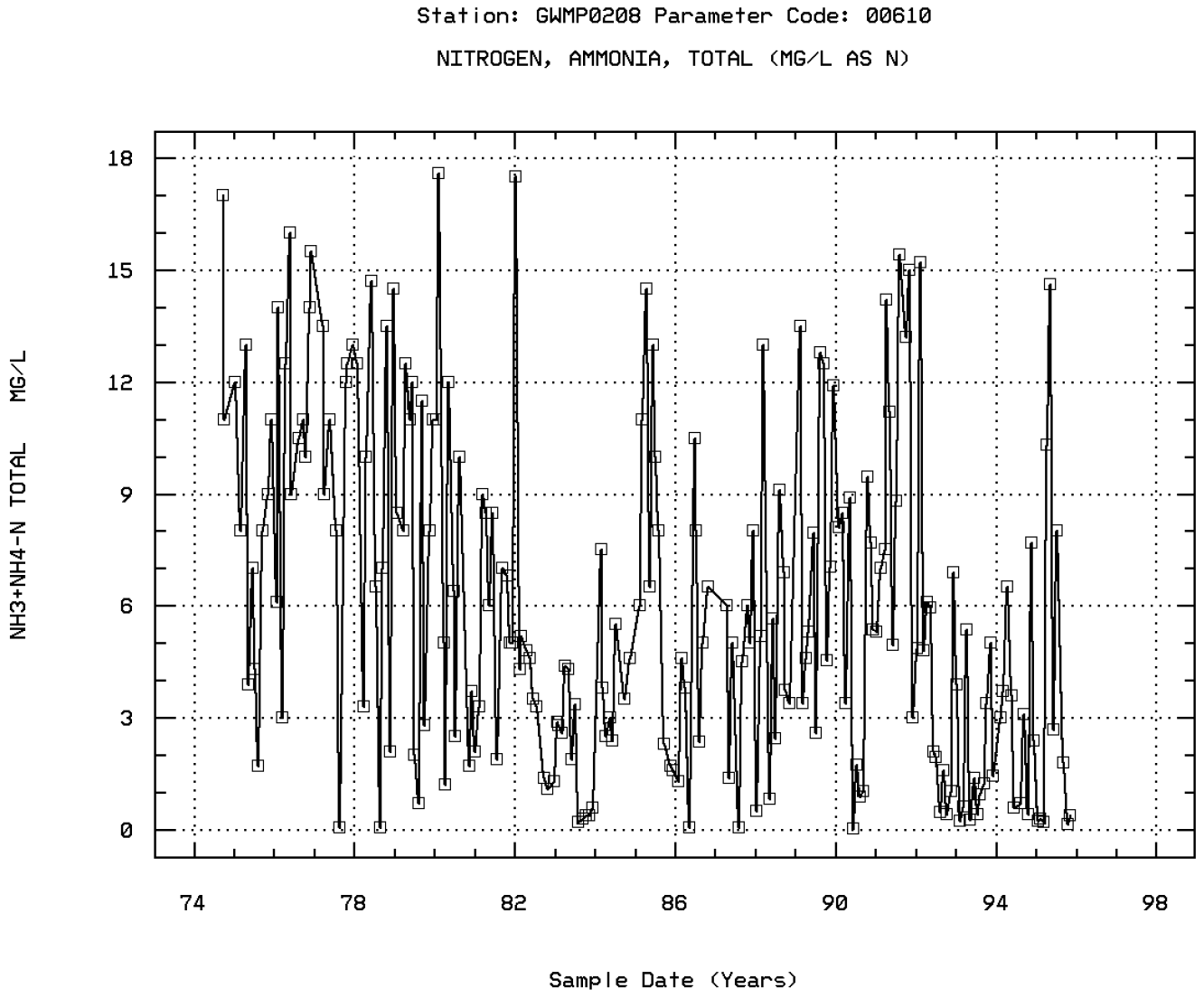
GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00540

RESIDUE, FIXED NONFILTRABLE (MG/L)



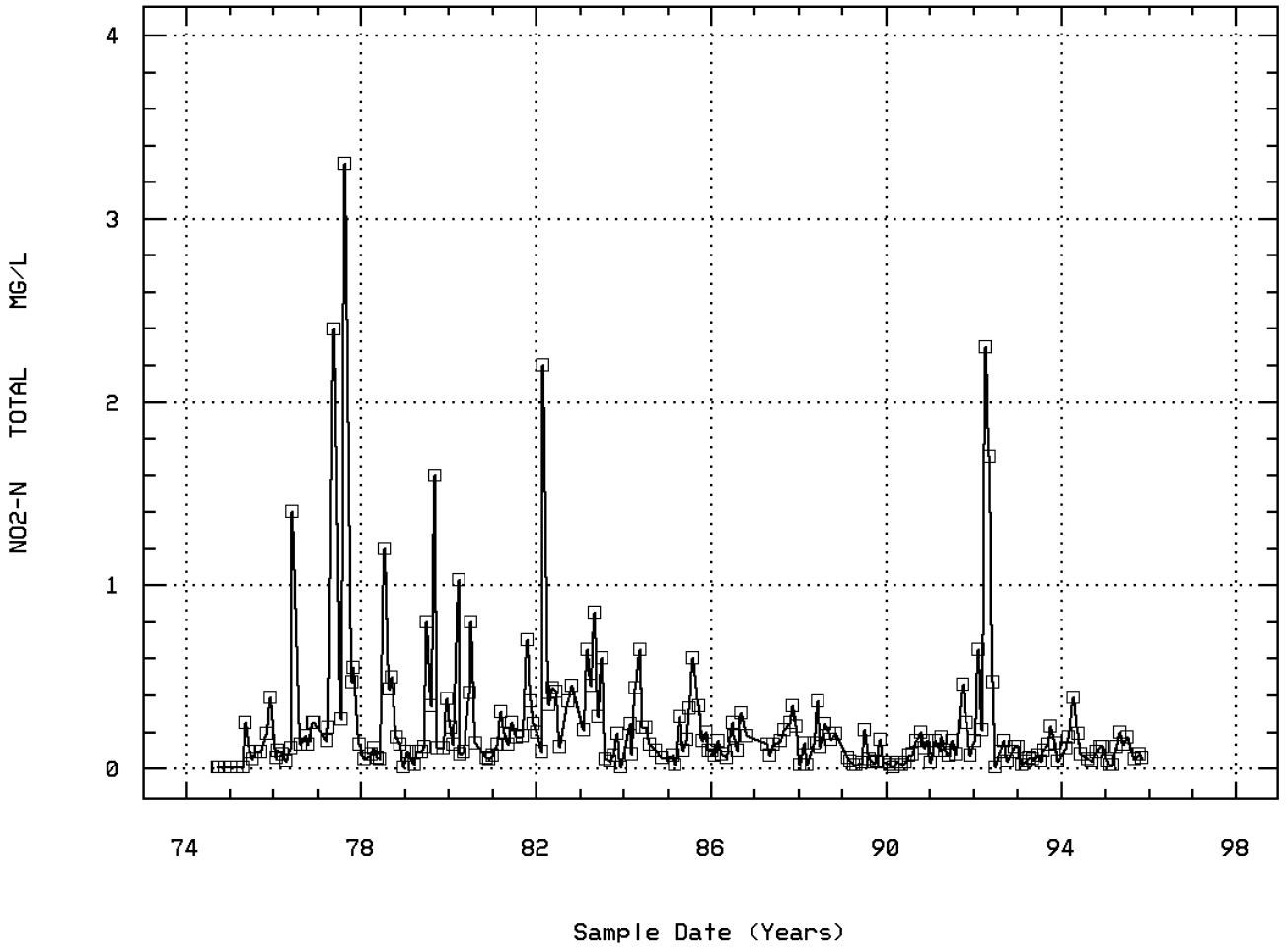
GEORGE WASHIGTON PARKWAY BRIDGE



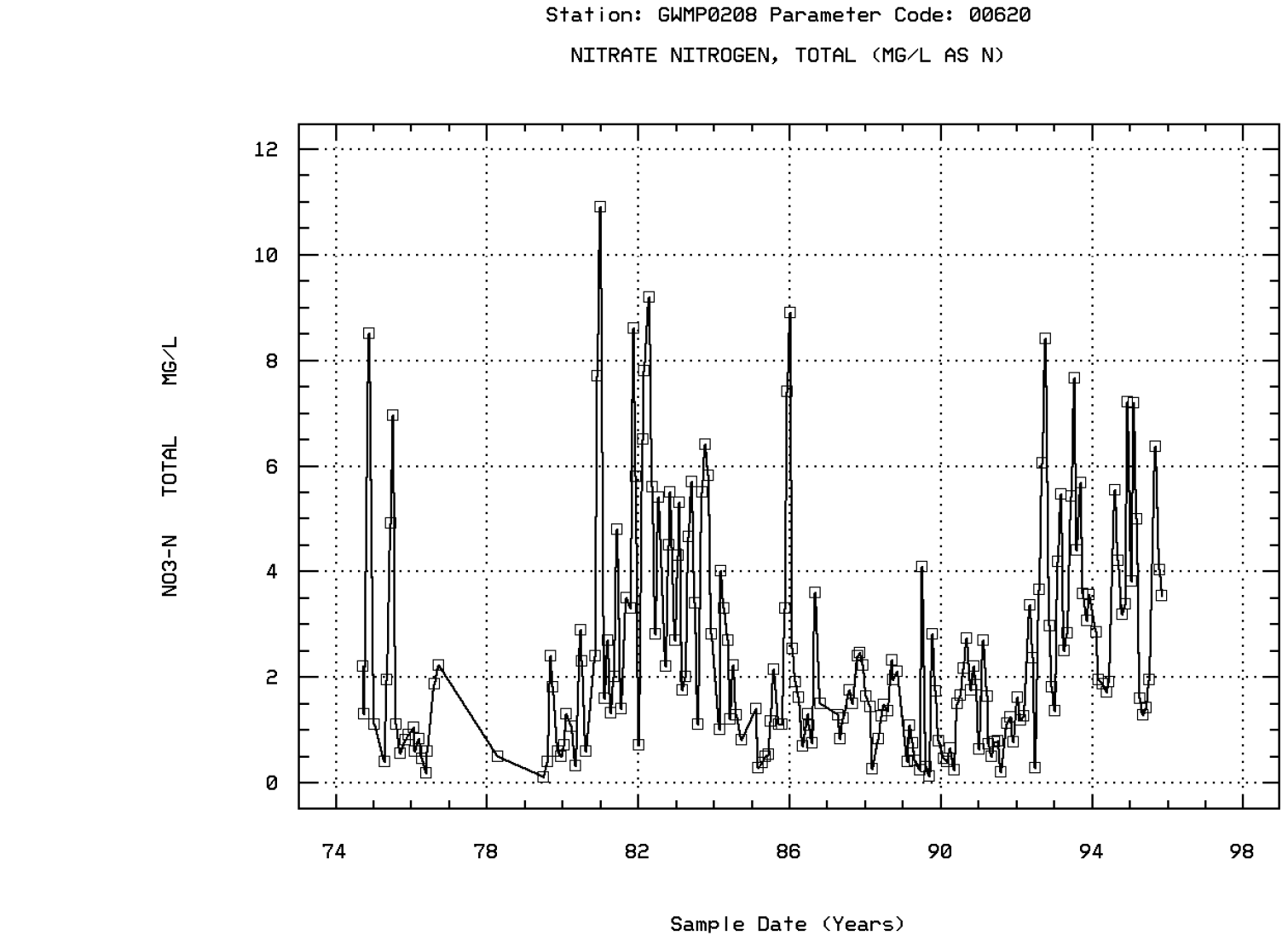
GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00615

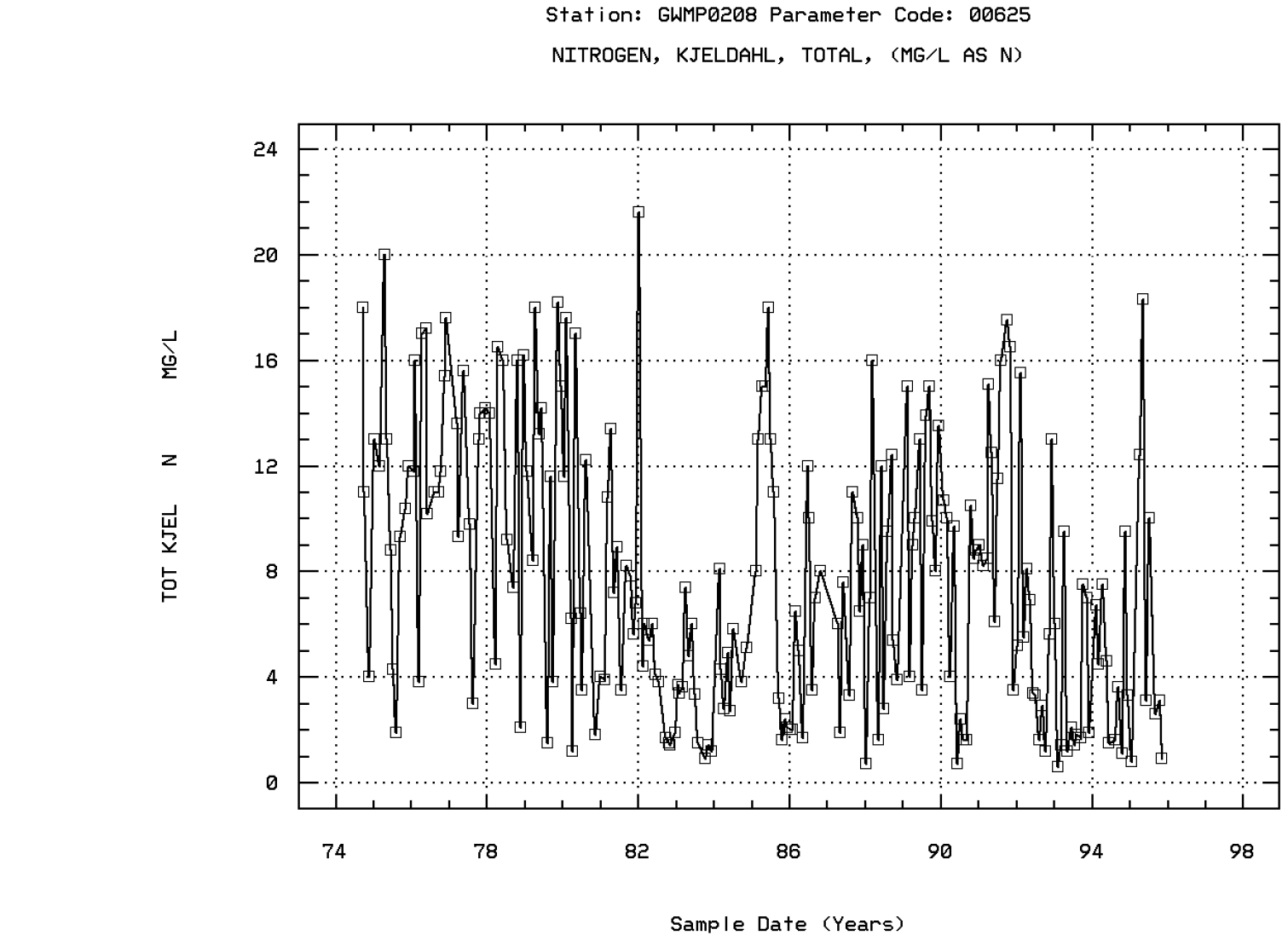
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE



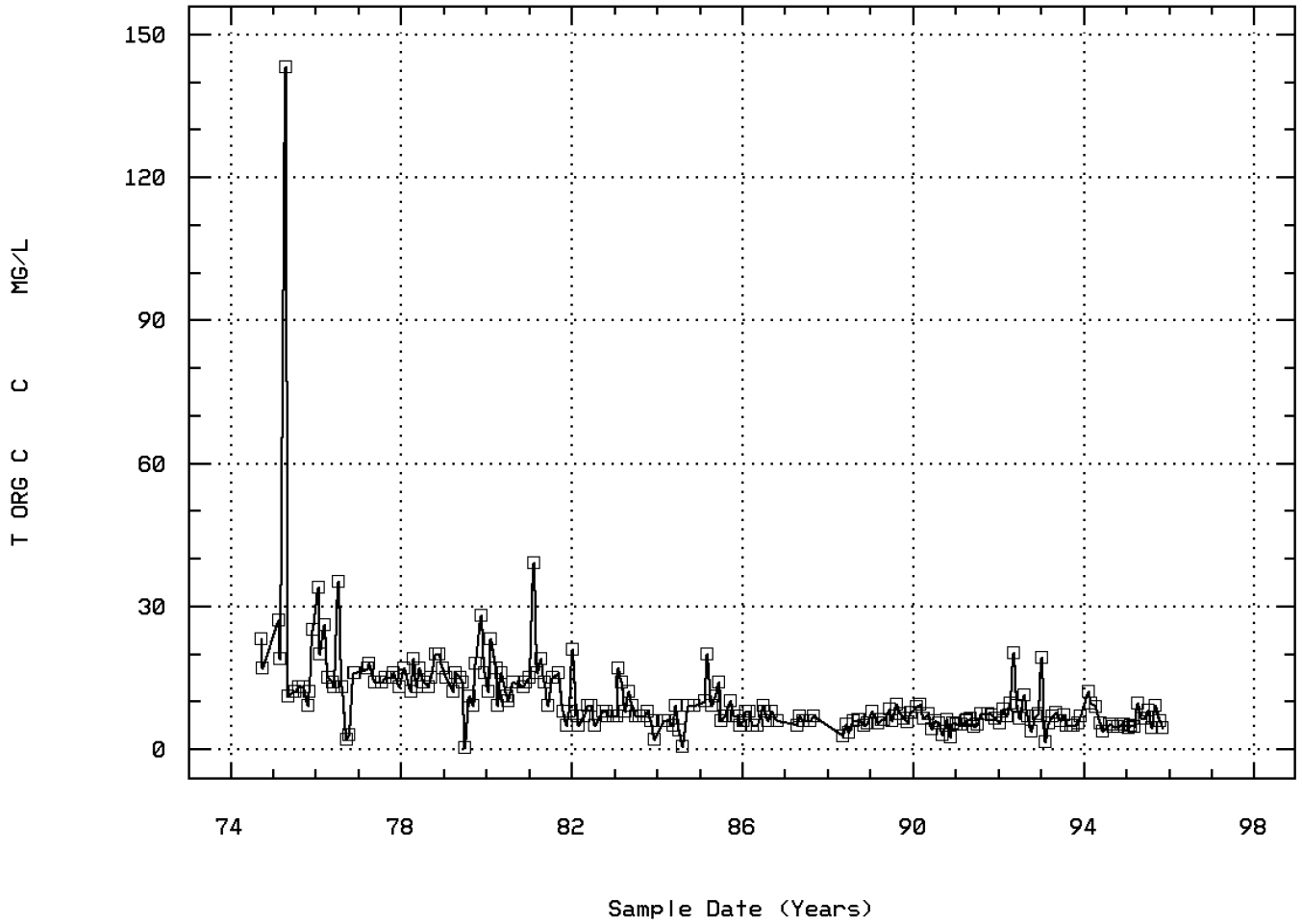
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00680

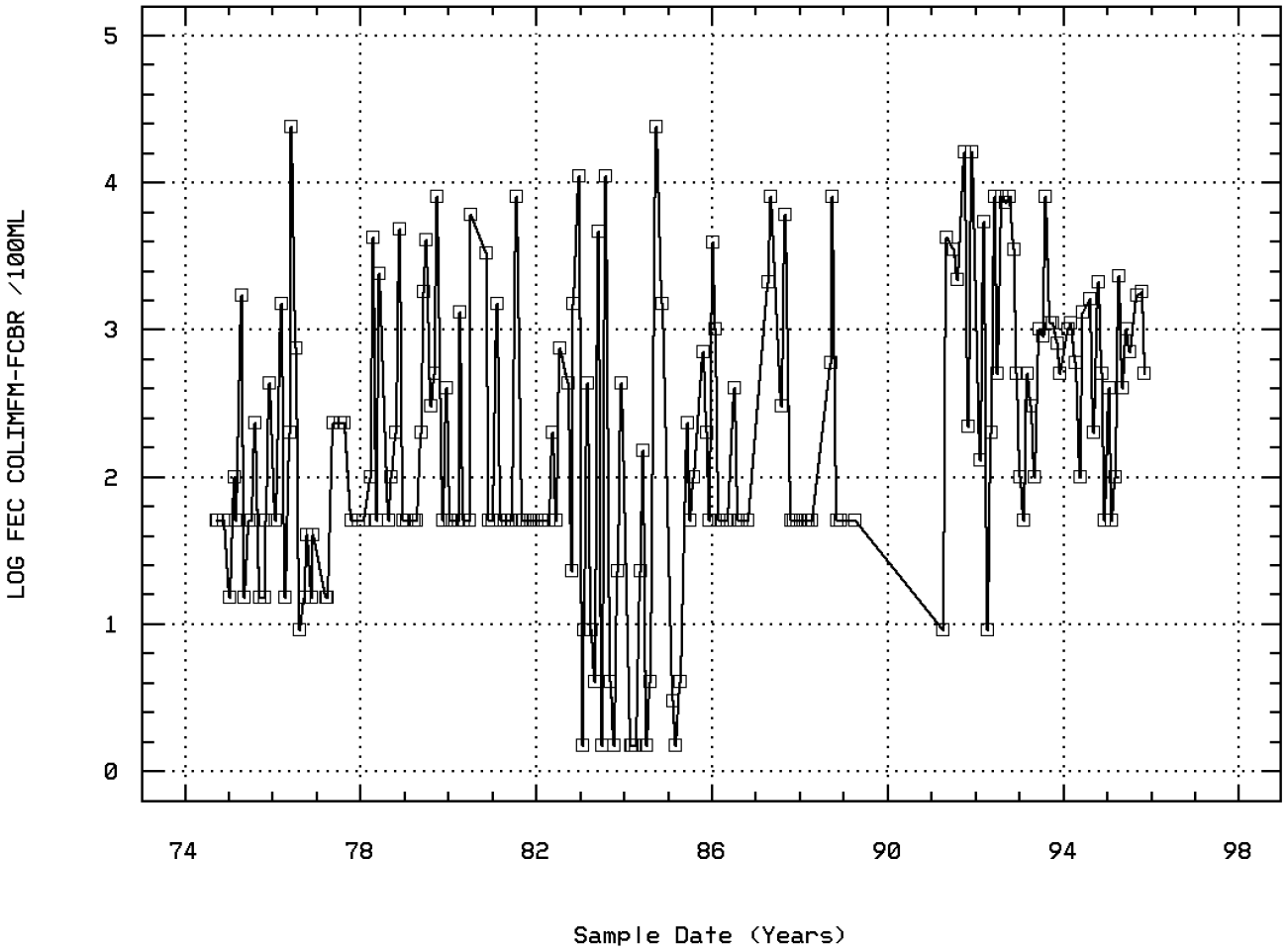
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASHIGTON PARKWAY BRIDGE

Annual Analysis for 1974 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	3	21.1	20.	26.7	12.2	53.47	7.312	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	3	6.4	6.2	7.4	4.8	1.72	1.311	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.	6.933	7.	6.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	3	7.	6.923	7.	6.8	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	3	0.1	0.119	0.158	0.1	0.001	0.034	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	3	339.	380.667	473.	330.	6414.333	80.09	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	3	38.	45.333	73.	25.	616.333	24.826	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	3	305.	335.333	435.	266.	7830.333	88.489	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	3	13.	13.	14.	12.	1.	1.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	3	7.	6.667	9.	4.	6.333	2.517	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	3	6.	6.333	10.	3.	12.333	3.512	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	3	2.199	3.999	8.5	1.299	15.395	3.924	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	3	11.	11.	18.	4.	49.	7.	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	2	20.	20.	23.	17.	18.	4.243	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	3 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	2	1.2	1.2	1.4	1.	0.08	0.283	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	3	4.199	4.366	4.899	4.	0.223	0.472	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	16.7	18.617	27.2	12.8	31.714	5.632	12.8	13.075	25.125	26.87
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	7.5	7.275	10.6	4.9	2.668	1.633	4.93	6.125	8.275	10.03
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	7.5	16.	108.	4.	848.727	29.133	4.	5.25	11.	79.8
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.1	7.15	7.6	6.7	0.105	0.323	6.73	6.825	7.5	7.57
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.089	7.048	7.6	6.7	0.116	0.341	6.73	6.825	7.5	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.082	0.09	0.2	0.025	0.004	0.06	0.027	0.032	0.15	0.187
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	10	300.	361.5	876.	225.	35805.611	189.224	227.3	260.	392.25	828.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	10	74.	114.6	513.	41.	20094.933	141.757	41.8	49.75	95.75	473.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	10	212.5	246.9	363.	184.	4030.767	63.488	185.4	204.	316.75	359.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	24.	59.	400.	4.	13055.8	114.262	4.2	8.	48.	330.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	15.	31.	220.	2.	3992.2	63.184	2.	4.	20.	180.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	9.	29.2	180.	2.	2922.178	54.057	2.1	3.75	29.	165.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	8.	7.79	13.	1.699	13.531	3.678	1.919	4.199	11.25	12.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.09	0.117	0.39	0.005	0.016	0.126	0.005	0.005	0.205	0.376
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	1.099	2.077	6.949	0.4	5.218	2.284	0.4	0.685	3.429	6.949
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	11.195	10.469	20.	1.899	24.891	4.989	2.139	7.674	13.	19.3
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	13.	26.909	143.	9.	1517.091	38.95	9.4	12.	25.	119.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	1	44.	44.	44.	44.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	50.	226.667	1700.	15.	230196.97	479.788	15.	15.	197.5	1319.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12 ##	1.699	1.81	3.23	1.176	0.427	0.653	1.176	1.176	2.271	3.051
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.638								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	8	0.8	0.65	1.1	0.	0.251	0.501	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	2.749	2.796	6.399	0.47	2.966	1.722	0.493	1.524	3.625	6.159

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	16.7	17.891	27.8	10.	46.647	6.83	10.22	11.7	25.	27.8
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.55	7.34	10.6	4.4	5.145	2.268	4.44	5.1	9.425	10.52
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	6.	9.	30.	2.	62.182	7.886	2.	4.	11.	25.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.3	6.736	7.5	1.5	3.039	1.743	2.6	7.	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.3	2.541	7.5	1.5	22.396	4.732	2.6	7.	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.05	2874.851	31622.777	0.03	290908754.488	9534.608	0.033	0.05	0.1	25298.241
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	9	311.	315.	344.	290.	257.	16.031	290.	304.	327.5	344.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	9	79.	86.889	120.	35.	881.111	29.684	35.	65.5	114.	120.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	9	226.	228.111	292.	176.	1392.611	37.318	176.	197.5	259.	292.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	39.5	62.	290.	12.	5846.727	76.464	12.6	19.25	72.	231.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	9.5	18.083	60.	0.	363.72	19.071	1.8	6.5	30.5	56.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	23.5	43.917	242.	4.	4265.174	65.308	4.6	12.	41.5	191.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	11.	11.054	16.	3.	15.874	3.984	3.62	9.	14.	15.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.13	0.248	1.399	0.04	0.151	0.388	0.044	0.08	0.25	1.169
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	0.71	0.973	2.219	0.18	0.508	0.712	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	11.79	12.976	17.59	3.799	17.281	4.157	5.077	11.	17.	17.51
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	15.5	17.25	35.	2.	106.386	10.314	2.3	13.	24.5	34.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	40.	2421.273	24000.	9.	51437077.818	7171.965	10.2	15.	750.	19500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	1.602	2.011	4.38	0.954	1.144	1.07	0.999	1.176	2.875	4.139
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			102.501								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	11	0.7	0.709	1.6	0.	0.321	0.566	0.	0.2	1.2	1.58
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	11	1.799	1.949	3.199	0.4	0.549	0.741	0.6	1.5	2.449	3.099

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	8	17.	16.525	28.	1.5	119.585	10.935	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	8	7.	7.175	10.2	5.2	3.259	1.805	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	6	4.5	6.167	12.	4.	10.567	3.251	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.45	7.462	7.9	7.3	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.447	7.429	7.9	7.3	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.036	0.037	0.05	0.013	0.	0.013	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	5	334.	314.8	396.	240.	4103.2	64.056	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	5	79.	83.	113.	55.	538.	23.195	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	5	221.	231.8	297.	161.	2991.2	54.692	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	8	19.	19.75	32.	5.	148.786	12.198	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	7	6.	8.	20.	0.	52.333	7.234	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	8	11.	12.75	28.	2.	80.786	8.988	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	11.5	9.881	13.5	0.05	19.484	4.414	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	0.37	0.936	3.299	0.13	1.473	1.214	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	8	13.295	11.559	15.59	3.	16.685	4.085	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	8	15.	15.25	18.	13.	2.786	1.669	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	1	102.	102.	102.	102.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7 ##	50.	117.143	230.	15.	11348.81	106.531	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7 ##	1.699	1.834	2.362	1.176	0.29	0.538	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.173								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	8	2.049	2.224	3.	1.699	0.303	0.55	**	**	**	**

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Annual Analysis for 1978 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	14.85	15.86	29.5	0.9	101.4	10.07	1.36	8.125	26.75	29.45
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.85	7.87	11.4	5.5	3.747	1.936	5.54	6.2	9.725	11.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	9.	9.1	15.	5.	11.878	3.446	5.	5.75	11.5	14.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	9	8.	8.344	9.8	7.3	1.03	1.015	7.3	7.4	9.35	9.8
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	8.	7.73	9.8	7.3	1.455	1.206	7.3	7.4	9.35	9.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.01	0.019	0.05	0.	0.	0.02	0.	0.001	0.04	0.05
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	325.	333.	541.	194.	9873.2	99.364	200.4	260.	391.	520.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	54.	62.455	92.	23.	450.473	21.224	27.8	50.	83.	91.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	266.	270.545	458.	140.	8473.873	92.054	147.2	208.	350.	440.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	17.	48.818	216.	5.	4940.764	70.291	5.4	11.	52.	204.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	5.	7.364	20.	1.	37.855	6.153	1.2	2.	12.	19.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	14.	41.455	200.	3.	4222.473	64.981	3.6	6.	40.	187.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	8.5	8.415	14.7	0.05	29.253	5.409	0.255	2.999	13.75	14.68
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.11	0.254	1.2	0.01	0.124	0.352	0.018	0.05	0.43	1.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	11.6	10.29	16.5	1.	38.768	6.226	1.11	3.9	16.05	16.47
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	17.	16.091	20.	12.	8.291	2.879	12.2	13.	19.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	100.	1200.	4800.	50.	3567777.778	1888.856	50.	50.	2850.	4740.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	2.	2.378	3.681	1.699	0.71	0.843	1.699	1.699	3.441	3.675
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			238.87								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.35	0.433	1.3	0.	0.235	0.484	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	11	1.6	1.542	3.5	0.36	0.95	0.975	0.368	0.7	2.4	3.3

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Annual Analysis for 1979 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	20.5	18.091	27.5	9.5	44.041	6.636	9.6	10.	23.5	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	6	536.5	739.333	1987.	312.	382729.067	618.651	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	7.8	7.891	9.8	6.3	1.221	1.105	6.32	7.2	8.6	9.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	6.	8.818	38.	0.	100.964	10.048	0.8	5.	8.	32.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	6	30.	32.133	75.	0.8	621.467	24.929	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.6	7.782	8.8	7.3	0.282	0.531	7.32	7.4	7.9	8.8
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.6	7.604	8.8	7.3	0.316	0.563	7.32	7.4	7.9	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.025	0.025	0.05	0.002	0.	0.016	0.002	0.013	0.04	0.048
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	10	313.	304.1	417.	186.	3845.656	62.013	191.3	268.25	333.75	410.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	10	65.	172.8	900.	48.	72367.956	269.013	48.8	58.25	140.	842.9
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	10	239.	216.45	357.	0.5	9171.581	95.768	14.25	169.5	266.5	348.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	55.	95.909	600.	16.	29027.091	170.373	16.8	20.	56.	506.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	8.	20.636	100.	3.	789.255	28.094	3.4	7.	28.	86.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	22.	75.273	500.	9.	20548.218	143.346	10.	15.	48.	420.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	8.5	8.	12.5	0.7	18.308	4.279	0.96	2.8	11.5	12.4
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.11	0.341	1.6	0.02	0.224	0.474	0.034	0.09	0.38	1.44
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	6	0.55	0.967	2.4	0.1	0.835	0.914	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	12.5	11.57	18.2	1.5	30.947	5.563	1.73	7.25	15.75	18.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	6	0.75	1.1	2.6	0.1	1.104	1.051	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	6	0.75	1.072	2.4	0.18	0.831	0.911	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	15.	14.018	28.	0.2	45.044	6.711	1.96	11.	16.	26.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	300.	1409.091	8000.	50.	6275909.091	2505.176	50.	50.	1800.	7220.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	2.477	2.513	3.903	1.699	0.643	0.802	1.699	1.699	3.255	3.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			326.056								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	4	0.45	0.468	0.9	0.07	0.197	0.444	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	5	1.5	1.44	2.	0.9	0.158	0.397	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	14.85	17.07	28.5	9.	63.565	7.973	9.03	10.35	27.625	28.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	556.	542.1	1058.	205.	56066.544	236.784	214.4	371.	632.75	1022.3
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	8.8	8.2	10.8	4.5	4.843	2.201	4.5	6.2	9.95	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	6.	6.2	11.	2.	7.511	2.741	2.2	4.	7.75	10.9
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	29.	30.5	59.	15.	182.722	13.517	15.1	19.75	37.75	57.4
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.5	7.55	8.8	7.	0.243	0.493	7.02	7.275	7.65	8.7
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.5	7.397	8.8	7.	0.269	0.518	7.02	7.275	7.65	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.032	0.04	0.1	0.002	0.001	0.028	0.003	0.023	0.053	0.096
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	36.5	44.3	90.	7.	623.789	24.976	9.3	30.75	66.	88.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	8.5	11.	24.	6.	30.667	5.538	6.	7.5	14.25	23.1
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	27.	33.3	75.	1.	615.789	24.815	1.5	18.	54.	74.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	5.7	7.11	17.6	1.2	28.83	5.369	1.25	2.3	11.25	17.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.135	0.301	1.03	0.05	0.119	0.345	0.051	0.075	0.508	1.007
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.185	2.028	7.7	0.32	4.706	2.169	0.348	0.675	2.523	7.219
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	9	6.4	8.611	17.6	1.2	38.891	6.236	1.2	2.65	14.6	17.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	1.4	1.365	3.4	0.05	1.461	1.209	0.065	0.2	2.525	3.35
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	1.25	1.206	2.9	0.04	1.043	1.021	0.056	0.208	2.125	2.86
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	13.5	13.9	23.	9.	16.544	4.067	9.1	10.75	16.25	22.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	1211.111	6000.	50.	4424236.111	2103.387	50.	50.	2300.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	2.289	3.778	1.699	0.812	0.901	1.699	1.699	3.316	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			194.707								

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Annual Analysis for 1981 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	14.9	15.773	25.	2.	50.414	7.1	3.5	11.	23.7	24.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	666.	616.818	930.	250.	44420.364	210.761	266.8	450.	746.	909.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.3	6.96	8.7	4.8	1.52	1.233	4.87	5.725	7.8	8.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	5.	6.	17.	3.	15.8	3.975	3.	3.	7.	15.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	27.	27.	34.	14.	51.4	7.169	15.	19.	34.	34.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	7.255	8.3	6.6	0.325	0.57	6.62	6.7	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.2	6.994	8.3	6.6	0.399	0.632	6.62	6.7	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.063	0.101	0.251	0.005	0.009	0.093	0.007	0.016	0.2	0.241
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	13.	24.227	82.	2.5	806.318	28.396	2.5	2.5	42.	80.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	6.	6.5	16.	2.5	17.	4.123	2.5	2.5	8.	14.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	8.	18.409	66.	2.5	599.991	24.495	2.5	2.5	32.	65.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	6.	5.736	9.	1.9	6.369	2.524	1.94	3.3	8.5	8.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.19	0.249	0.7	0.07	0.03	0.172	0.082	0.13	0.31	0.634
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	3.3	4.174	10.9	1.31	9.85	3.139	1.328	1.6	5.8	10.44
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	7.2	7.282	13.4	3.5	9.312	3.051	3.58	4.	8.9	12.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	1.2	1.491	3.	0.3	0.823	0.907	0.32	0.6	2.1	2.96
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	1.2	1.456	3.	0.27	0.774	0.88	0.306	0.6	1.9	2.94
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	15.	14.909	39.	5.	82.891	9.104	5.6	8.	16.	35.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	50.	904.545	8000.	50.	5727227.273	2393.163	50.	50.	50.	6700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11 ##	1.699	2.034	3.903	1.699	0.581	0.762	1.699	1.699	1.699	3.758
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			108.051								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	14.8	15.818	24.8	6.5	46.094	6.789	6.76	8.5	23.	24.74
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	7.95	8.075	10.	6.4	3.222	1.795	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	535.	529.091	758.	298.	21560.891	146.836	307.2	401.	663.	746.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	8.5	8.473	11.6	6.6	2.162	1.47	6.66	7.2	9.6	11.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	4.	6.5	26.	2.	49.389	7.028	2.1	3.	6.25	24.1
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	17.	20.818	53.	12.	126.564	11.25	12.4	16.	22.	47.4
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.4	7.245	7.6	6.6	0.085	0.291	6.66	7.1	7.4	7.58
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.4	7.139	7.6	6.6	0.097	0.312	6.66	7.1	7.4	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.04	0.073	0.251	0.025	0.004	0.066	0.026	0.04	0.079	0.226
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	6	7.25	7.35	7.7	7.2	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	6	7.247	7.314	7.7	7.2	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	6	0.057	0.048	0.063	0.02	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	5	71.	70.6	95.	55.	244.8	15.646	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	9.	11.682	34.	2.5	68.514	8.277	3.2	7.	13.	30.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	5.	5.864	21.	1.	29.405	5.423	1.2	2.5	7.	18.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	5.	6.045	13.	2.	15.223	3.902	2.	2.5	10.	12.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	3.5	4.364	17.5	1.	21.553	4.642	1.02	1.3	4.8	15.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.42	0.604	2.2	0.09	0.373	0.61	0.096	0.2	1.	1.96
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	5.4	4.809	9.2	0.7	6.481	2.546	1.	2.7	6.5	8.92
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	4.1	5.255	21.6	1.4	32.533	5.704	1.42	1.7	6.	18.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	1.4	1.295	3.	0.05	0.566	0.752	0.16	0.9	1.7	2.74
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	1.2	1.158	2.5	0.09	0.426	0.652	0.162	0.8	1.6	2.34
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	7.	8.455	21.	5.	19.073	4.367	5.	7.	9.	18.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	6	42.5	43.333	67.	28.	191.867	13.852	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	50.	1286.636	11000.	23.	10584066.455	3253.316	28.4	50.	750.	9100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	1.699	2.262	4.041	1.362	0.691	0.831	1.429	1.699	2.875	3.868
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			182.872								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.15	0.283	1.	0.	0.154	0.392	**	**	**	**

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Annual Analysis for 1983 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	16.35	17.867	30.5	8.8	52.375	7.237	9.31	11.375	24.05	29.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	10.45	11.675	25.	2.2	49.308	7.022	2.68	7.7	14.55	24.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	431.5	529.167	1705.	305.	143065.242	378.24	306.5	362.25	517.25	1355.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	8.85	9.05	11.8	7.5	1.723	1.313	7.56	7.825	10.125	11.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	4.	8.75	25.	2.	73.477	8.572	2.	2.	18.	23.2
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	17.	19.917	50.	8.	108.992	10.44	9.8	15.	22.25	42.5
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.2	7.217	7.8	6.8	0.063	0.252	6.83	7.1	7.3	7.68
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	7.2	7.156	7.8	6.8	0.067	0.26	6.83	7.1	7.3	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.063	0.07	0.158	0.016	0.001	0.038	0.023	0.05	0.079	0.149
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.3	7.225	7.6	6.6	0.118	0.344	6.63	6.95	7.575	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.3	7.09	7.6	6.6	0.138	0.372	6.63	6.95	7.575	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.05	0.081	0.251	0.025	0.005	0.074	0.025	0.027	0.114	0.236
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	61.	59.583	82.	37.	154.992	12.45	39.4	53.25	65.75	80.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	9.5	14.125	35.	2.5	95.551	9.775	3.25	7.25	22.5	32.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	5.5	5.708	12.	2.	12.112	3.48	2.	2.625	7.75	11.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	5.	8.625	24.	2.	58.778	7.667	2.	2.625	13.	23.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	2.25	2.013	4.4	0.2	2.536	1.593	0.23	0.4	3.238	4.37
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.245	0.367	1.	0.01	0.115	0.339	0.019	0.055	0.638	0.955
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	4.475	4.059	6.4	1.1	3.237	1.799	1.295	2.2	5.65	6.223
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	3.375	3.188	7.4	0.9	4.434	2.106	0.93	1.25	4.525	6.98
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.55	1.165	3.4	0.1	1.165	1.079	0.13	0.413	1.8	3.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.55	1.032	2.7	0.1	0.826	0.909	0.112	0.373	1.725	2.625
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	7.5	8.667	17.	2.	15.697	3.962	3.2	7.	11.25	16.1

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Annual Analysis for 1983 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	47.	86.273	470.	32.	16334.818	127.808	32.8	37.	59.	390.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	8.4	8.689	11.6	3.6	8.271	2.876	3.6	6.3	11.4	11.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	9.	1376.125	11000.	1.5	10891444.506	3300.219	1.5	2.125	430.	9080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	0.954	1.498	4.041	0.176	1.926	1.388	0.176	0.283	2.633	3.928
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.464								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	11	0.5	0.536	1.5	0.	0.153	0.391	0.04	0.3	0.7	1.36

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Annual Analysis for 1984 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	16.	19.078	32.9	9.2	80.922	8.996	9.2	10.65	27.25	32.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	8.5	10.167	21.	4.	45.888	6.774	4.	4.4	17.65	21.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	448.	468.222	653.	318.	13786.694	117.417	318.	362.	587.	653.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	9.2	8.867	9.9	7.1	1.1	1.049	7.1	7.95	9.85	9.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	2.	2.167	4.	0.5	1.125	1.061	0.5	1.5	3.	4.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	9	12.	14.667	37.	5.	96.75	9.836	5.	8.	18.5	37.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.2	7.156	7.6	6.6	0.093	0.305	6.6	6.95	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.2	7.057	7.6	6.6	0.104	0.322	6.6	6.95	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.063	0.088	0.251	0.025	0.005	0.069	0.025	0.041	0.113	0.251
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	7.2	7.156	7.5	6.8	0.073	0.27	6.8	6.85	7.4	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	7.2	7.081	7.5	6.8	0.079	0.281	6.8	6.85	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.063	0.083	0.158	0.032	0.003	0.051	0.032	0.04	0.142	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	87.	86.444	120.	49.	513.778	22.667	49.	69.5	105.	120.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	11.	10.389	24.	2.5	40.986	6.402	2.5	5.5	13.5	24.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	5.	5.944	11.	2.5	9.653	3.107	2.5	3.	8.5	11.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	3.	4.722	15.	0.	24.444	4.944	0.	1.	8.	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	3.65	4.1	7.5	2.4	2.983	1.727	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	0.22	0.238	0.65	0.06	0.037	0.193	0.06	0.09	0.34	0.65
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	9	1.27	1.948	4.	0.81	1.35	1.162	0.81	1.005	3.005	4.
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	8	4.6	4.688	8.1	2.7	3.078	1.755	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9	0.2	0.266	0.6	0.11	0.028	0.168	0.11	0.165	0.37	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	9	0.18	0.243	0.55	0.11	0.024	0.155	0.11	0.14	0.35	0.55
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	9	6.	6.056	9.	0.5	7.778	2.789	0.5	4.5	9.	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	62.	57.222	111.	26.	715.444	26.748	26.	30.5	70.	111.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	3	9.6	9.3	13.2	5.1	16.47	4.058	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	4.	2853.667	24000.	1.5	63122791.625	7944.985	1.5	1.5	825.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	0.602	1.378	4.38	0.176	2.408	1.552	0.176	0.176	2.676	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.869								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.4	0.761	2.5	0.	0.619	0.787	0.	0.2	1.175	2.5

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Annual Analysis for 1985 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	18.	17.945	24.2	7.	35.211	5.934	7.9	13.4	24.	24.16
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	14.9	17.164	34.	6.8	85.943	9.271	6.98	10.3	25.	33.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	395.	386.273	563.	55.	24922.818	157.87	83.6	329.	520.	562.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	7.3	8.2	12.9	6.4	4.09	2.022	6.4	6.95	9.2	12.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	4.	5.136	16.	0.5	20.605	4.539	0.8	2.	6.	15.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	16.	20.455	37.	9.	90.273	9.501	9.2	15.	27.	36.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.05	6.968	7.7	6.1	0.193	0.439	6.2	6.6	7.3	7.62
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.05	6.752	7.7	6.1	0.245	0.495	6.2	6.6	7.3	7.62

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Annual Analysis for 1985 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.089	0.177	0.794	0.02	0.049	0.22	0.026	0.05	0.251	0.686
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.4	7.318	7.8	6.4	0.142	0.376	6.52	7.2	7.5	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.4	7.117	7.8	6.4	0.186	0.431	6.52	7.2	7.5	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.04	0.076	0.398	0.016	0.012	0.109	0.017	0.032	0.063	0.338
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	69.	78.364	127.	30.	1139.055	33.75	31.6	49.	114.	124.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	17.	18.409	42.	2.5	136.441	11.681	3.4	8.	28.	39.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	6.	5.5	10.	2.5	4.35	2.086	2.8	4.	7.	9.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	13.	13.136	32.	2.5	88.205	9.392	2.6	4.	21.	30.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	6.5	6.873	14.5	1.	23.466	4.844	1.12	1.7	11.	14.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.16	0.214	0.6	0.02	0.027	0.166	0.03	0.1	0.33	0.548
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	1.11	1.756	7.4	0.28	4.287	2.07	0.298	0.5	2.15	6.58
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	11.	9.3	18.	1.6	36.858	6.071	1.7	2.4	15.	17.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.3	0.332	0.9	0.05	0.057	0.239	0.06	0.2	0.5	0.82
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.15	0.245	0.8	0.05	0.05	0.223	0.054	0.09	0.36	0.732
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	9.	9.636	20.	5.	18.455	4.296	5.2	7.	11.	18.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	65.	57.455	99.	19.	525.073	22.914	22.	37.	68.	95.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	50.	148.722	700.	1.5	49857.819	223.289	1.5	3.5	215.	700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9	1.699	1.573	2.845	0.176	0.885	0.941	0.176	0.54	2.331	2.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.45								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.2	0.267	0.6	0.1	0.025	0.158	0.1	0.15	0.35	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	20.75	18.22	27.	5.	70.171	8.377	5.1	8.625	26.	26.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	10	11.2	13.49	32.	7.4	56.134	7.492	7.41	8.625	16.425	30.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	512.5	499.2	653.	315.	11874.844	108.972	323.7	411.	586.	651.1
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.5	8.29	11.7	5.7	4.363	2.089	5.74	6.775	10.675	11.62
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	8.	8.3	16.	3.	18.011	4.244	3.1	5.5	10.5	15.9
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	18.5	18.5	24.	11.	16.944	4.116	11.3	15.5	22.	23.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.3	7.24	7.8	6.3	0.185	0.43	6.36	7.05	7.55	7.79
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	7.3	7.003	7.8	6.3	0.247	0.497	6.36	7.05	7.55	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.05	0.099	0.501	0.016	0.021	0.145	0.016	0.029	0.091	0.464
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	10	7.6	7.42	7.7	6.8	0.117	0.343	6.82	7.075	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	10	7.6	7.286	7.7	6.8	0.137	0.371	6.82	7.075	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	10	0.025	0.052	0.158	0.02	0.002	0.047	0.02	0.02	0.085	0.153
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	10	92.	91.5	136.	34.	846.944	29.102	37.	73.	114.	134.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	15.	15.9	39.	7.	80.544	8.975	7.1	11.	17.	37.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	5.	5.	10.	2.	5.556	2.357	2.	3.5	6.25	9.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	10.5	10.9	29.	3.	51.433	7.172	3.3	6.	13.	27.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	4.2	4.31	10.5	0.05	11.062	3.326	0.145	1.225	6.875	10.25
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.125	0.147	0.3	0.06	0.007	0.081	0.061	0.078	0.198	0.295
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.56	2.387	8.9	0.69	5.997	2.449	0.696	0.998	2.798	8.37
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	5.75	5.77	12.	1.7	12.718	3.566	1.73	2.	8.5	11.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.2	0.22	0.5	0.1	0.017	0.132	0.1	0.1	0.25	0.49
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.075	0.116	0.34	0.01	0.015	0.12	0.011	0.028	0.2	0.338
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	7.	6.9	9.	5.	2.1	1.449	5.	5.75	8.	8.9
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	64.	60.8	114.	19.	697.511	26.41	20.6	38.	72.5	110.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	7	5.	5.286	8.	1.1	5.028	2.242	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	50.	622.222	3900.	50.	1612569.444	1269.87	50.	50.	700.	3900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	9 ##	1.699	2.154	3.591	1.699	0.528	0.727	1.699	1.699	2.801	3.591
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.595								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	7	0.2	0.179	0.45	0.	0.02	0.141	**	**	**	**

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Annual Analysis for 1987 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	18.	20.278	30.5	12.4	42.992	6.557	12.4	14.5	26.9	30.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	7	9.6	10.986	26.	2.1	70.878	8.419	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	8	480.5	471.625	650.	147.	28210.554	167.96	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	7	8.3	8.371	9.9	7.5	0.686	0.828	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	8	11.5	11.25	17.	6.	15.357	3.919	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	8	18.	17.5	24.	10.	22.571	4.751	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.3	7.418	8.23	6.8	0.271	0.52	6.8	7.	7.865	8.23
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.3	7.203	8.23	6.8	0.322	0.568	6.8	7.	7.865	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.05	0.063	0.158	0.006	0.003	0.058	0.006	0.019	0.111	0.158
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	8	7.45	7.438	7.9	6.7	0.148	0.385	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	8	7.447	7.267	7.9	6.7	0.182	0.426	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	8	0.036	0.054	0.2	0.013	0.004	0.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	8	94.	82.875	119.	28.	1168.411	34.182	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	8	13.	16.188	34.	2.5	90.138	9.494	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	8	5.	4.875	9.	2.	6.054	2.46	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	8	8.5	11.625	29.	2.5	91.339	9.557	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	5.	4.494	8.	0.05	6.666	2.582	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	0.18	0.189	0.34	0.07	0.007	0.086	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	8	1.62	1.705	2.46	0.83	0.365	0.604	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	8	7.05	6.913	11.	1.9	10.036	3.168	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	8	0.1	0.131	0.2	0.05	0.004	0.059	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	8	0.03	0.043	0.1	0.005	0.001	0.031	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	5	6.	6.2	7.	5.	0.7	0.837	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	5	146.	155.	176.	140.	266.	16.31	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	8	59.5	62.125	109.	10.	1388.411	37.261	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	8	5.65	6.125	11.5	2.5	8.131	2.851	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	300.	2364.286	8000.	50.	10896428.571	3300.974	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	2.477	2.654	3.903	1.699	1.006	1.003	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			450.741								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.1	0.15	0.4	0.	0.019	0.138	**	**	**	**

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Annual Analysis for 1988 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	17.7	17.05	30.	1.8	71.261	8.442	3.54	10.2	24.6	28.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	10	5.85	8.13	29.	2.3	59.351	7.704	2.4	3.9	8.775	27.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	433.	436.545	658.	73.	31214.273	176.676	109.2	305.	577.	655.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	8.5	8.342	14.5	5.5	5.466	2.338	5.77	6.5	8.75	13.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	6.	7.636	16.	2.	21.455	4.632	2.2	5.	12.	15.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	17.	17.636	37.	10.	52.655	7.256	10.4	13.	18.	34.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.6	7.735	8.5	6.9	0.293	0.541	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	8	7.589	7.481	8.5	6.9	0.366	0.605	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	8	0.026	0.033	0.126	0.003	0.002	0.039	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.3	7.3	7.8	6.7	0.11	0.332	6.76	7.1	7.5	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.3	7.187	7.8	6.7	0.124	0.352	6.76	7.1	7.5	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.05	0.065	0.2	0.016	0.003	0.052	0.016	0.032	0.079	0.18
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	86.	90.273	148.	47.	928.218	30.467	50.	65.	110.	142.8
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	2	292.5	292.5	315.	270.	1012.5	31.82	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	2	57.	57.	61.	53.	32.	5.657	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	2	235.5	235.5	254.	217.	684.5	26.163	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	12.	12.091	26.	2.5	59.641	7.723	2.5	3.	16.	25.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	3.	5.091	22.	1.	34.641	5.886	1.	2.5	5.	19.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	9.	9.091	19.	2.	33.641	5.8	2.1	2.5	11.	18.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	4.475	5.077	13.	0.5	14.797	3.847	0.532	2.043	7.45	12.61
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.15	0.159	0.37	0.02	0.01	0.102	0.02	0.095	0.203	0.357

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Annual Analysis for 1988 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.46	1.46	2.31	0.26	0.366	0.605	0.316	1.15	1.98	2.289
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	6.2	7.13	16.	0.7	26.656	5.163	0.79	2.5	12.1	15.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.1	0.2	0.05	0.002	0.041	0.05	0.088	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.04	0.035	0.07	0.01	0.	0.02	0.01	0.01	0.05	0.068
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	8	5.25	4.975	6.2	2.7	1.605	1.267	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	13	132.	127.	176.	86.	697.333	26.407	87.6	104.	141.	169.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	63.	63.2	115.	19.	987.956	31.432	19.9	34.75	89.	113.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	2	58.5	58.5	66.	51.	112.5	10.607	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2	0.285	0.285	0.36	0.21	0.011	0.106	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	10	7.25	6.59	11.	3.3	6.534	2.556	3.31	3.625	8.425	10.75
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	50.	1112.5	8000.	50.	7781964.286	2789.617	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	8 ##	1.699	2.109	3.903	1.699	0.668	0.817	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			128.642								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	18.8	19.25	28.6	6.3	62.352	7.896	6.62	11.75	26.65	28.54
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	6.9	8.018	19.	2.6	30.598	5.532	2.7	3.7	8.6	18.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	6	438.	469.833	624.	360.	9114.967	95.472	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	5	566.	735.8	1457.	514.	164000.7	404.97	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.35	7.8	10.5	5.8	2.653	1.629	5.84	6.5	9.675	10.44
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	6.	6.364	17.	1.	20.055	4.478	1.2	3.	9.	15.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	19.	21.818	33.	13.	56.564	7.521	13.2	15.	30.	33.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.5	7.457	8.	6.8	0.163	0.404	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.5	7.29	8.	6.8	0.196	0.442	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	7	0.032	0.051	0.158	0.01	0.003	0.052	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.	7.155	7.8	6.8	0.119	0.345	6.82	6.9	7.5	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.	7.06	7.8	6.8	0.128	0.358	6.82	6.9	7.5	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.1	0.087	0.158	0.016	0.002	0.046	0.017	0.032	0.126	0.152
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	50.	59.818	105.	37.	661.764	25.725	37.4	40.	80.	105.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	325.	348.545	773.	233.	22429.473	149.765	234.8	259.	381.	695.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	73.	69.909	129.	26.	1084.291	32.929	28.	41.	94.	126.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	247.	278.636	747.	165.	25516.255	159.738	170.4	199.	272.	653.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	9.	12.818	41.	3.	133.164	11.54	3.2	5.	13.	38.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	3.	3.273	8.	1.	4.618	2.149	1.	2.	4.	7.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	7.	9.591	35.	0.5	98.141	9.907	0.8	3.	10.	32.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	7.05	7.832	13.5	2.6	17.042	4.128	2.76	4.55	12.5	13.36
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.04	0.063	0.21	0.02	0.004	0.063	0.02	0.03	0.06	0.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.75	1.154	4.08	0.12	1.573	1.254	0.142	0.29	1.73	3.826
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	10.	10.436	15.	3.5	16.763	4.094	3.6	8.	13.9	15.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.095	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.041	0.14	0.01	0.001	0.038	0.012	0.02	0.05	0.128
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	6.3	6.936	9.4	5.5	1.633	1.278	5.52	5.9	7.8	9.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	118.	112.	142.	82.	612.8	24.755	82.	84.	138.	141.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	75.5	113.1	428.	56.	12511.211	111.854	56.8	66.25	102.75	396.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	48.	46.545	59.	35.	61.273	7.828	35.4	37.	51.	58.4
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.33	0.419	0.8	0.19	0.041	0.203	0.192	0.26	0.62	0.774
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	9.1	9.15	11.2	7.	2.159	1.469	7.03	8.025	10.5	11.14
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								

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Annual Analysis for 1990 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	16.85	15.66	24.7	2.9	58.665	7.659	3.41	8.225	24.025	24.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	10.4	15.991	53.	3.6	230.817	15.193	3.64	4.6	23.	48.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	1	524.	524.	524.	524.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	10	450.	432.4	609.	220.	17465.378	132.157	229.1	318.5	553.25	605.3
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	8.7	8.69	11.2	5.9	2.957	1.719	6.04	7.375	9.9	11.19
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	4.	5.364	20.	1.	28.655	5.353	1.	2.	7.	17.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	18.	20.	30.	7.	52.4	7.239	8.4	16.	28.	30.
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.	7.	8.	5.9	0.443	0.666	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	7	7.	6.574	8.	5.9	0.655	0.81	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	7	0.1	0.267	1.259	0.01	0.198	0.445	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.2	7.155	8.	6.3	0.347	0.589	6.34	6.6	7.7	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.2	6.848	8.	6.3	0.45	0.671	6.34	6.6	7.7	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.063	0.142	0.501	0.01	0.025	0.158	0.011	0.02	0.251	0.464
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	56.	64.364	130.	30.	1113.255	33.365	30.	33.	93.	124.2
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	280.	270.545	342.	167.	3088.873	55.578	175.4	221.	326.	339.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	50.	56.273	87.	26.	384.218	19.601	28.8	42.	72.	86.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	224.	211.545	270.	124.	2064.473	45.436	133.	170.	244.	267.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	10	7.5	13.2	44.	2.	177.733	13.332	2.1	3.75	22.	42.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	2.	6.182	41.	0.5	137.114	11.71	0.5	1.	4.	34.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	8.	12.682	42.	0.5	191.214	13.828	0.6	2.	18.	40.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	5.35	5.005	9.45	0.02	13.505	3.675	0.192	1.02	8.5	9.34
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.07	0.079	0.2	0.01	0.004	0.065	0.012	0.02	0.15	0.19
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	1.65	1.417	2.73	0.24	0.721	0.849	0.27	0.46	2.17	2.624
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	8.5	6.227	10.7	0.7	16.932	4.115	0.88	1.6	10.	10.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.118	0.2	0.1	0.002	0.04	0.1	0.1	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.035	0.07	0.01	0.	0.018	0.01	0.03	0.04	0.068
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	5.9	5.818	9.3	2.4	4.776	2.185	2.5	4.1	7.5	9.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	104.	112.364	170.	62.	1305.455	36.131	65.6	80.	152.	166.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	10	57.5	61.4	112.	11.	1125.822	33.553	13.2	34.5	89.5	112.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	43.	39.545	54.	25.	89.273	9.448	25.2	30.	46.	52.8
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.5	0.481	0.82	0.05	0.054	0.232	0.09	0.34	0.63	0.816
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	11	9.6	9.055	11.3	5.6	3.435	1.853	5.78	7.8	10.3	11.26

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Annual Analysis for 1991 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	10	18.45	18.26	26.4	8.1	41.687	6.457	8.39	12.275	24.65	26.39
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	11.	11.082	40.	2.6	112.568	10.61	2.64	3.1	12.8	34.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	1	273.	273.	273.	273.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	11	582.	548.182	800.	238.	28332.764	168.323	261.2	429.	684.	789.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	7.1	7.678	11.6	4.8	5.239	2.289	4.8	6.15	9.7	11.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	11	8.	7.273	13.	1.	10.818	3.289	1.6	5.	9.	12.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	23.	25.909	45.	17.	83.091	9.115	17.	21.	28.	44.2
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	10	6.95	6.84	7.2	6.4	0.074	0.272	6.41	6.575	7.025	7.19
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	10	6.947	6.761	7.2	6.4	0.081	0.284	6.41	6.575	7.025	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	10	0.113	0.173	0.398	0.063	0.013	0.114	0.065	0.095	0.267	0.39
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.8	7.773	8.3	6.7	0.212	0.461	6.84	7.6	8.2	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.8	7.481	8.3	6.7	0.306	0.553	6.84	7.6	8.2	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.016	0.033	0.2	0.005	0.003	0.056	0.005	0.006	0.025	0.168
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	112.	105.818	177.	26.	1889.764	43.471	29.	88.	133.	170.2
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	290.	294.909	448.	101.	12934.691	113.731	111.4	192.	404.	445.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	60.	60.364	112.	26.	553.655	23.53	27.6	46.	66.	106.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	228.	234.545	384.	75.	9440.473	97.162	83.8	146.	292.	381.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	8.	10.909	44.	1.5	141.541	11.897	1.7	3.	13.	38.

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Annual Analysis for 1991 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	2.	2.909	9.	1.	5.141	2.267	1.	1.5	4.	8.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	6.	8.364	35.	1.5	92.105	9.597	1.6	2.	11.	30.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	8.8	9.595	15.4	3.	19.506	4.417	3.388	5.3	14.2	15.32
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.1	0.148	0.46	0.03	0.014	0.12	0.038	0.07	0.17	0.418
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	0.77	1.005	2.7	0.2	0.463	0.68	0.258	0.64	1.23	2.488
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	11	11.5	11.309	17.5	3.5	21.411	4.627	4.02	8.2	16.	17.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.114	0.2	0.05	0.004	0.06	0.05	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.033	0.07	0.01	0.	0.018	0.01	0.02	0.04	0.066
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	6.2	6.082	7.3	4.8	0.834	0.913	4.88	5.2	7.2	7.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	136.	133.909	200.	58.	1815.691	42.611	63.2	100.	164.	196.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	69.	70.636	116.	28.	627.055	25.041	30.6	59.	93.	111.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	44.	47.636	74.	27.	229.055	15.135	28.2	36.	64.	72.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10	0.745	0.704	0.98	0.27	0.051	0.226	0.287	0.538	0.883	0.977
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	11	9.5	8.891	11.8	3.9	6.149	2.48	4.32	6.6	11.1	11.68
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	3500.	6018.429	16000.	9.	48871350.619	6990.805	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	7	3.544	3.174	4.204	0.954	1.351	1.162	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1491.148								

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Annual Analysis for 1992 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	12	18.25	18.008	26.5	8.3	41.472	6.44	9.05	12.25	24.6	26.41
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	10.2	11.35	22.	3.	84.357	9.185	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	597.5	547.75	786.	291.	18533.477	136.138	313.5	426.5	610.5	740.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	12	582.5	525.5	731.	273.	17099.182	130.764	298.5	400.25	593.75	694.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	12	7.15	6.817	9.1	4.1	1.972	1.404	4.52	5.625	7.9	8.86
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.5	3.667	6.	1.	2.061	1.435	1.3	3.	5.	5.7
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	13.5	14.167	30.	0.	81.061	9.003	0.6	7.75	21.	28.5
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.9	6.908	7.3	6.5	0.054	0.231	6.53	6.8	7.075	7.27
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	12	6.9	6.852	7.3	6.5	0.057	0.239	6.53	6.8	7.075	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	12	0.126	0.141	0.316	0.05	0.006	0.077	0.054	0.085	0.158	0.297
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.7	7.733	8.1	7.1	0.095	0.308	7.19	7.525	8.05	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.7	7.625	8.1	7.1	0.108	0.329	7.19	7.525	8.05	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.02	0.024	0.079	0.008	0.	0.02	0.008	0.009	0.03	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	78.	80.833	135.	32.	802.879	28.335	36.8	67.25	91.75	131.4
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	12	334.	329.167	440.	210.	5577.97	74.686	213.6	256.75	395.5	430.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	12	70.	71.5	140.	42.	774.818	27.836	42.9	46.5	79.5	128.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	12	278.	257.667	362.	144.	4060.061	63.719	153.	190.5	296.75	344.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	11.	12.333	23.	5.	27.515	5.245	5.9	8.25	15.5	22.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	2.5	2.917	5.	2.	1.356	1.165	2.	2.	3.75	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	8.5	9.417	18.	3.	18.629	4.316	3.9	6.25	13.	17.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	3.45	4.28	15.2	0.41	17.3	4.159	0.428	1.175	6.065	12.71
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.15	0.498	2.3	0.01	0.542	0.736	0.019	0.09	0.605	2.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	11	2.35	2.991	8.4	0.27	5.659	2.379	0.452	1.25	3.66	7.93
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	5.35	6.017	15.5	1.2	19.234	4.386	1.32	3.	7.8	14.75
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12	0.1	0.104	0.2	0.05	0.001	0.033	0.065	0.1	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	7.2	8.508	20.2	3.7	17.588	4.194	4.18	6.5	9.55	17.53
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	139.	132.5	172.	80.	1089.545	33.008	83.6	95.5	163.5	170.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	78.	66.273	94.	34.	440.618	20.991	34.8	44.	80.	91.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	50.	47.273	63.	28.	109.818	10.479	28.4	41.	53.	61.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10	0.715	0.593	0.84	0.15	0.057	0.24	0.165	0.36	0.763	0.836
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	13	8.2	8.177	11.9	5.4	3.525	1.878	5.52	6.65	9.3	11.34
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	3500.	3776.273	8000.	9.	13039438.818	3611.016	33.2	200.	8000.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	11	3.544	3.056	3.903	0.954	0.963	0.981	1.186	2.301	3.903	3.903

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1137.677								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	8	0.02	0.023	0.05	0.005	0.	0.017	**	**	**	**

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Annual Analysis for 1993 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	13	15.6	18.208	29.2	6.	52.837	7.269	7.84	12.85	25.35	28.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	13	554.	538.462	727.	229.	23038.436	151.784	277.8	422.	663.5	711.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	12	530.	486.	625.	214.	16921.818	130.084	250.6	379.	595.5	623.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	13	7.9	8.015	11.1	5.8	2.38	1.543	6.	6.8	8.95	10.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	12	3.	3.75	13.	1.	10.023	3.166	1.	2.	4.	10.6
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	12	14.5	16.208	46.	0.5	108.884	10.435	3.95	13.	16.75	37.9
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	13	6.7	6.862	7.6	6.5	0.099	0.315	6.54	6.65	7.05	7.48
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	13	6.7	6.78	7.6	6.5	0.106	0.326	6.54	6.65	7.05	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	13	0.2	0.166	0.316	0.025	0.007	0.086	0.035	0.09	0.225	0.29
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	12	7.65	7.675	8.3	7.1	0.175	0.418	7.13	7.325	8.075	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	12	7.647	7.517	8.3	7.1	0.202	0.45	7.13	7.325	8.075	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	12	0.023	0.03	0.079	0.005	0.001	0.024	0.005	0.008	0.048	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	12	70.5	72.833	120.	37.	527.788	22.974	40.3	54.75	87.25	113.7
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	333.	319.909	428.	222.	6055.291	77.816	222.	245.	395.	426.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	73.	85.091	148.	54.	862.691	29.372	54.8	60.	99.	141.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	234.	234.818	322.	151.	3400.964	58.318	154.4	181.	293.	316.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	9.5	18.583	117.	6.	970.992	31.161	6.	7.25	13.25	87.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	2.5	4.417	24.	1.	39.902	6.317	1.	2.	3.75	18.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	12	6.5	14.167	93.	5.	620.333	24.906	5.	5.25	9.75	68.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	1.325	2.023	5.35	0.23	3.506	1.872	0.245	0.473	3.775	5.245
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	0.065	0.087	0.23	0.02	0.004	0.06	0.026	0.04	0.128	0.203
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	12	3.875	4.139	7.66	1.36	2.927	1.711	1.699	2.888	5.453	7.063
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	12	1.85	3.508	9.5	0.6	9.424	3.07	0.78	1.4	6.75	8.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.075	0.425	3.9	0.05	1.213	1.102	0.05	0.05	0.1	2.88
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	12	5.65	6.742	19.2	1.4	18.061	4.25	2.45	4.925	7.075	15.75
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	12	147.5	145.583	192.	58.	1572.629	39.656	75.4	119.5	178.	191.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	12	72.	65.333	97.	24.	633.152	25.163	24.9	39.	87.	94.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	12	48.5	46.417	66.	19.	200.447	14.158	22.	35.75	59.	64.5
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2 ##	0.405	0.405	0.56	0.25	0.048	0.219	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	650.	1204.167	8000.	50.	4734753.788	2175.949	65.	150.	1075.	5930.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	12	2.801	2.701	3.903	1.699	0.355	0.596	1.789	2.119	3.031	3.645
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			502.848								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	12	0.02	0.051	0.3	0.005	0.007	0.081	0.007	0.02	0.045	0.237

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Annual Analysis for 1994 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	9	19.3	19.756	27.7	7.4	41.338	6.429	7.4	15.7	25.	27.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	577.	672.667	1481.	462.	98632.75	314.059	462.	504.	683.	1481.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	9	537.	625.	1411.	402.	93942.5	306.5	402.	462.	647.5	1411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	9	7.	7.5	11.	6.	2.375	1.541	6.	6.55	8.3	11.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	9	2.9	5.433	21.	1.5	40.273	6.346	1.5	1.7	7.5	21.
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	10	19.	19.4	31.	11.	42.933	6.552	11.2	14.5	23.75	30.8
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	7.078	7.4	6.5	0.069	0.264	6.5	6.95	7.25	7.4

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Annual Analysis for 1994 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	9	7.1	6.992	7.4	6.5	0.078	0.279	6.5	6.95	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	9	0.079	0.102	0.316	0.04	0.007	0.084	0.04	0.057	0.113	0.316
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	9	7.7	7.544	7.9	6.8	0.148	0.384	6.8	7.25	7.85	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	9	7.7	7.367	7.9	6.8	0.183	0.428	6.8	7.25	7.85	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	9	0.02	0.043	0.158	0.013	0.002	0.048	0.013	0.014	0.06	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	9	91.	85.	126.	49.	539.	23.216	49.	63.5	95.	126.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	9	325.	379.333	820.	254.	30022.	173.269	254.	283.5	403.5	820.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	9	83.	79.222	111.	42.	484.694	22.016	42.	64.	97.5	111.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	9	238.	300.111	736.	199.	27901.361	167.037	199.	215.5	294.	736.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	12.	13.222	19.	7.	20.444	4.522	7.	9.5	18.5	19.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	3.	3.278	6.	1.5	2.882	1.698	1.5	1.5	5.	6.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	9	9.	9.778	16.	4.	15.444	3.93	4.	6.5	13.5	16.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	3.055	3.176	7.7	0.42	5.889	2.427	0.438	0.675	4.415	7.58
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.115	0.136	0.39	0.04	0.01	0.101	0.041	0.073	0.175	0.37
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	3.015	3.378	7.2	1.71	3.277	1.81	1.726	1.9	4.533	7.033
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	4.05	4.39	9.5	1.1	7.772	2.788	1.14	1.575	6.9	9.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.1	0.1	0.2	0.05	0.002	0.041	0.05	0.088	0.1	0.19
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	10	5.15	6.42	12.1	3.6	7.697	2.774	3.7	4.6	9.025	11.86
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	10	142.	144.7	190.	116.	533.789	23.104	116.	128.75	155.5	188.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	9	75.	111.889	486.	36.	20029.611	141.526	36.	46.5	86.	486.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	9	44.	47.111	63.	33.	127.111	11.274	33.	36.5	58.	63.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	800.	855.	2100.	50.	469138.889	684.937	55.	175.	1375.	2050.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	2.889	2.716	3.322	1.699	0.297	0.545	1.729	2.226	3.136	3.31
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			519.852								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.025	0.029	0.06	0.005	0.	0.02	0.005	0.016	0.045	0.06

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Annual Analysis for 1995 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	11	18.3	18.445	27.3	8.3	47.233	6.873	8.92	11.5	25.5	27.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	589.	612.455	1060.	428.	28581.273	169.06	433.8	486.	658.	985.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	11	608.	618.091	1018.	419.	25480.691	159.627	429.	485.	680.	956.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-11/07/95	11	7.8	7.255	9.5	5.6	1.577	1.256	5.64	5.8	8.	9.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	10	1.85	1.99	4.3	0.5	1.303	1.142	0.55	1.	2.775	4.17
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	11	17.	16.636	29.	8.	35.655	5.971	8.4	12.	20.	27.6
00400	PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.3	7.255	7.7	6.7	0.063	0.25	6.78	7.1	7.3	7.66
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	11	7.3	7.182	7.7	6.7	0.069	0.262	6.78	7.1	7.3	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	11	0.05	0.066	0.2	0.02	0.002	0.048	0.022	0.05	0.079	0.176
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	11	7.3	7.236	7.8	6.8	0.073	0.269	6.82	7.1	7.4	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	11	7.3	7.165	7.8	6.8	0.078	0.28	6.82	7.1	7.4	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	11	0.05	0.068	0.158	0.016	0.002	0.041	0.021	0.04	0.079	0.152
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	11	89.	90.455	147.	61.	611.873	24.736	61.4	65.	98.	140.4
00500	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	11	351.	355.455	552.	244.	6606.273	81.279	253.6	299.	386.	526.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	11	68.	74.909	123.	38.	720.091	26.835	40.4	58.	87.	122.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	11	264.	280.545	486.	206.	5647.673	75.151	208.	231.	301.	450.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	7.	7.773	14.	1.5	11.768	3.43	2.	6.	10.	13.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	11 ##	1.5	1.636	3.	1.5	0.205	0.452	1.5	1.5	1.5	2.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	11	5.	5.955	11.	1.5	7.823	2.797	1.8	4.	8.	10.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	1.095	3.867	14.6	0.16	27.167	5.212	0.165	0.233	8.575	14.17
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	0.07	0.089	0.2	0.02	0.004	0.063	0.02	0.035	0.14	0.197
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	10	3.675	3.613	7.18	1.28	4.395	2.096	1.293	1.545	5.328	7.099
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	10	2.85	5.32	18.3	0.8	37.228	6.102	0.81	0.975	10.6	17.71
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10	0.075	0.074	0.1	0.04	0.001	0.028	0.041	0.05	0.1	0.1
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	11	5.9	6.227	9.5	4.4	3.676	1.917	4.4	4.5	8.2	9.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	11	156.	152.364	182.	116.	350.455	18.72	119.2	138.	165.	179.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

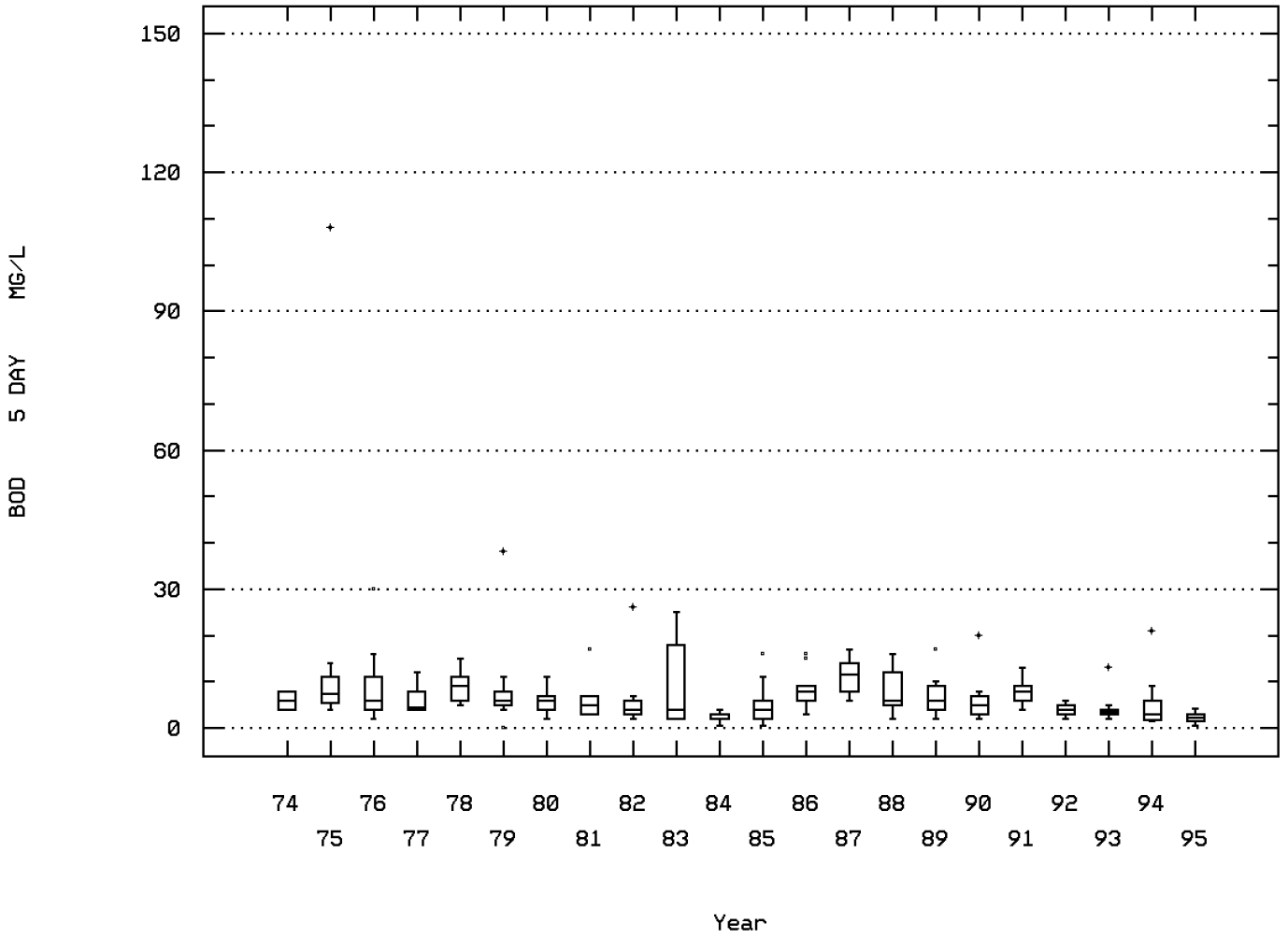
Annual Analysis for 1995 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	11	82.	87.909	232.	50.	2457.091	49.569	50.	68.	85.	203.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	11	47.	49.091	69.	40.	75.891	8.712	40.4	43.	51.	67.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	600.	895.	2300.	50.	609138.889	780.474	55.	325.	1725.	2250.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	10	2.772	2.729	3.362	1.699	0.293	0.542	1.729	2.452	3.237	3.351
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			536.365								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	10	0.02	0.026	0.05	0.01	0.	0.012	0.011	0.02	0.033	0.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0208 Parameter Code: 00310

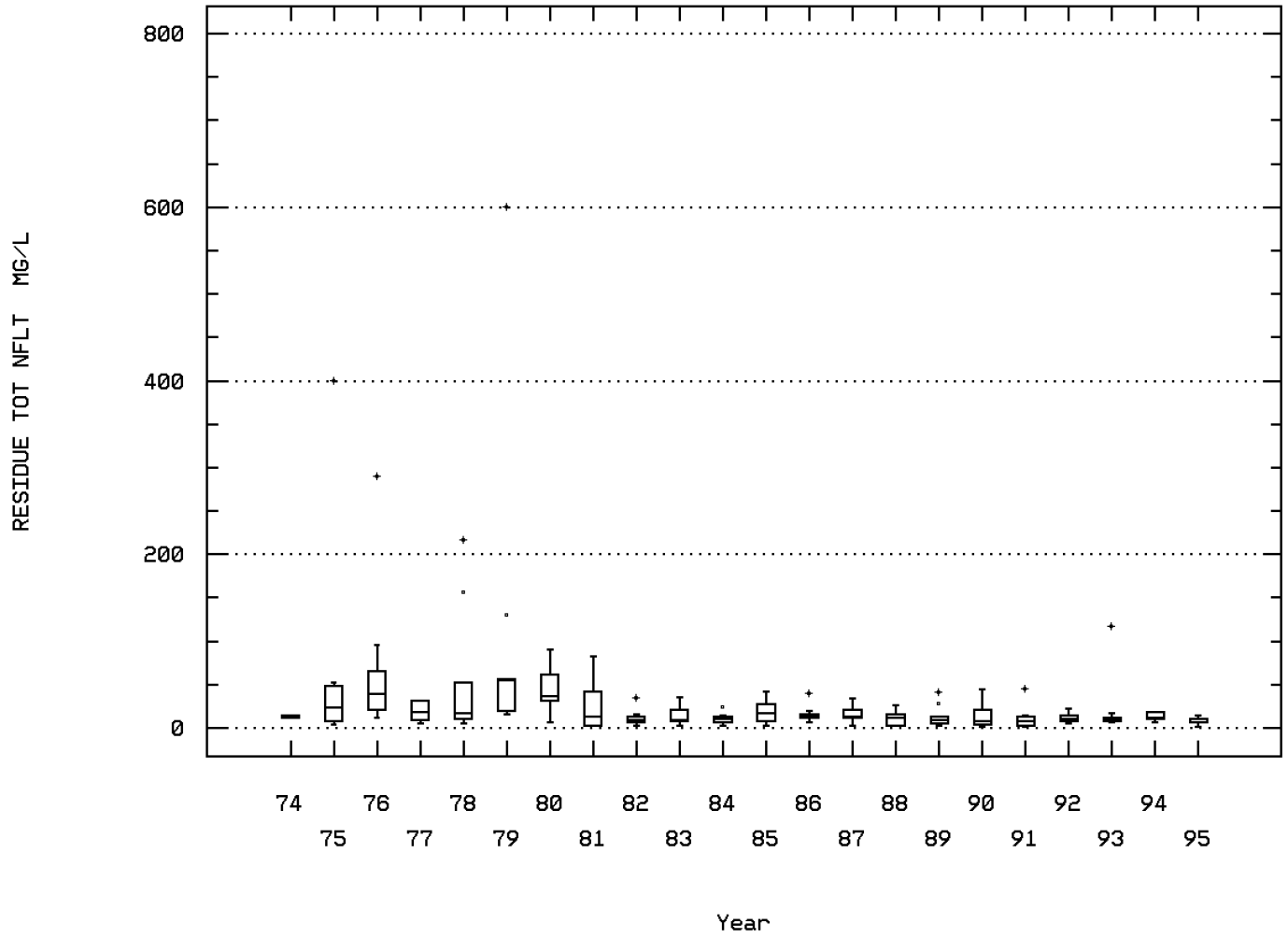
BOD, 5 DAY, 20 DEG C



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00530

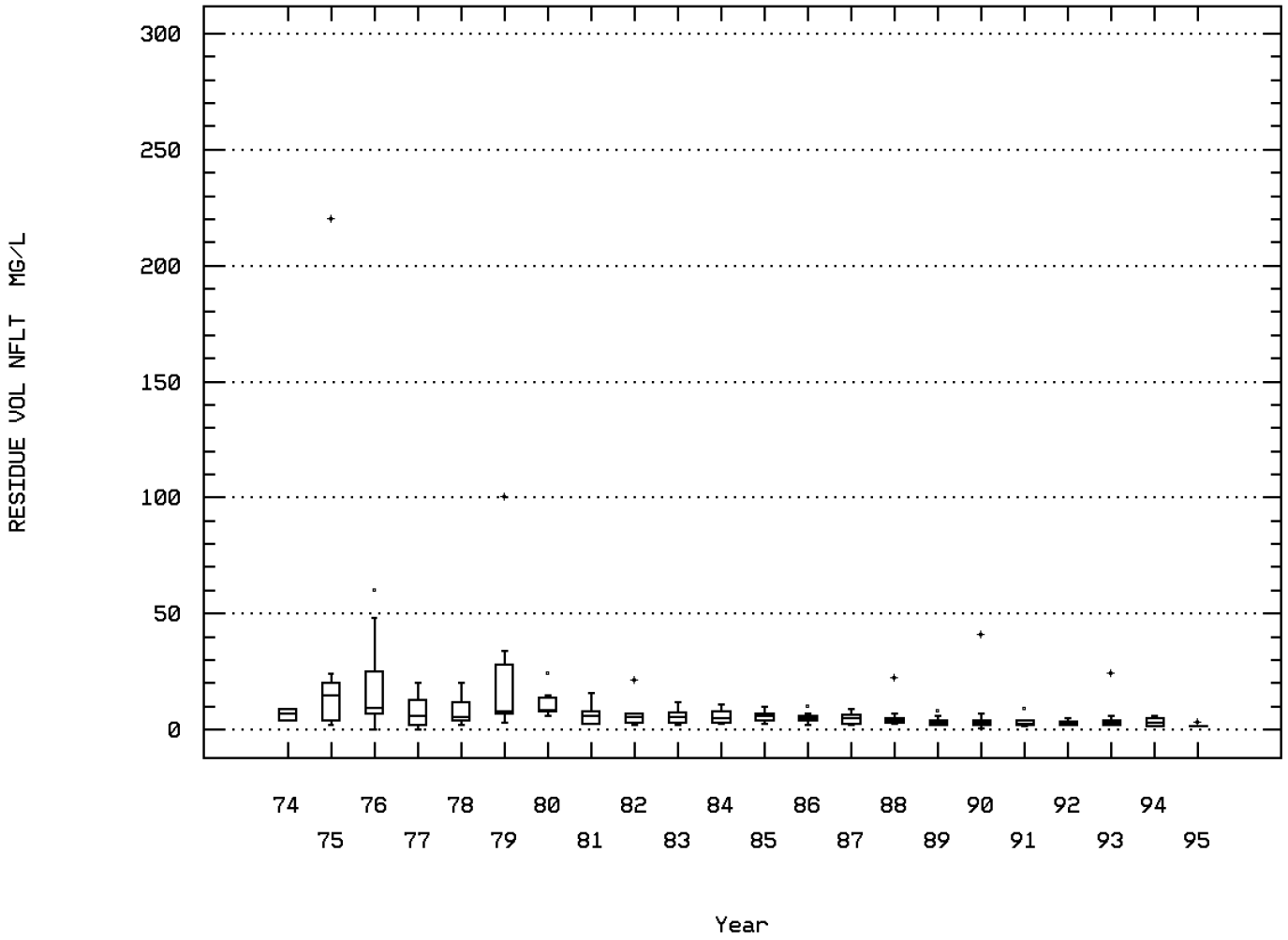
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00535

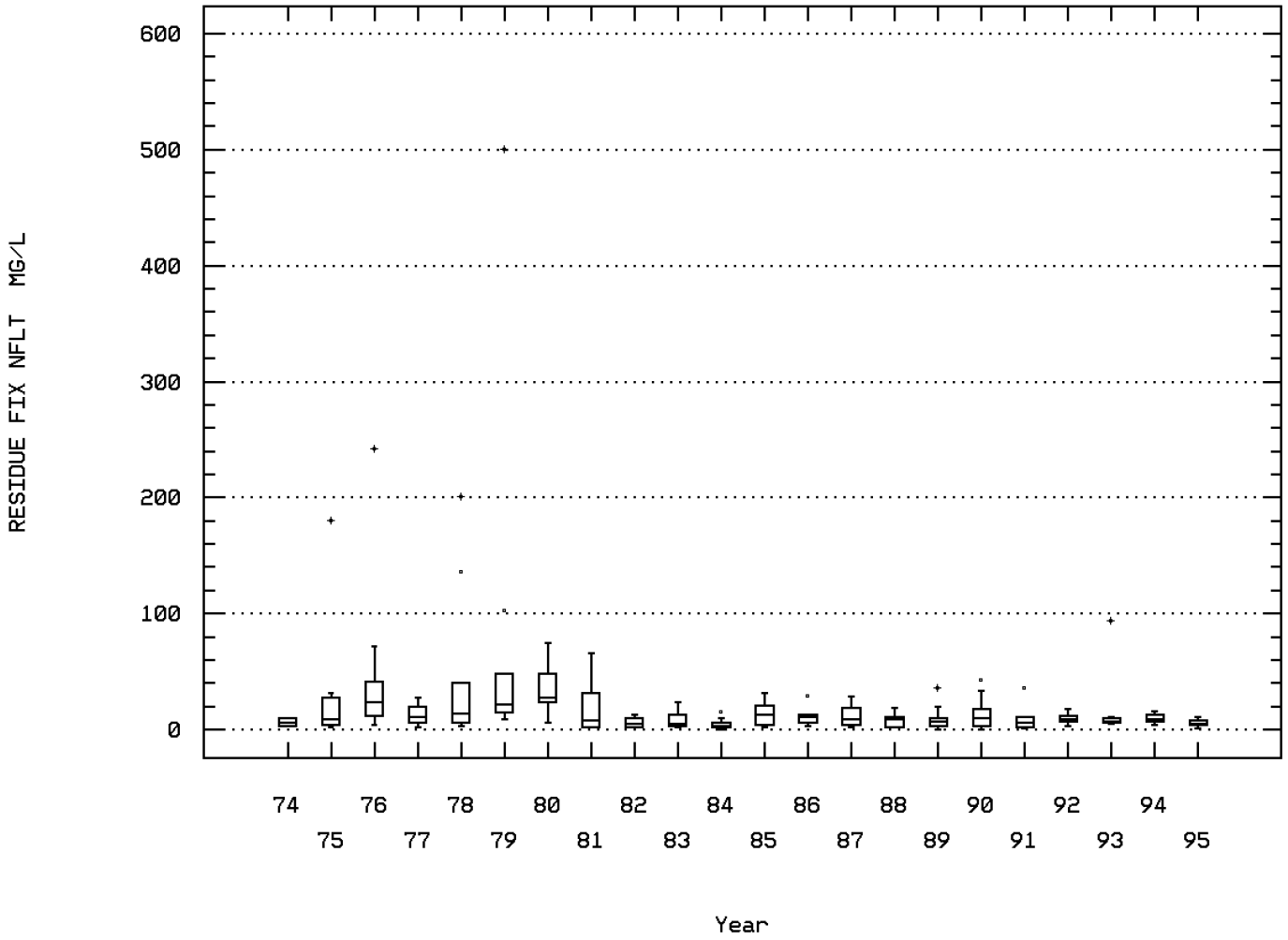
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00540

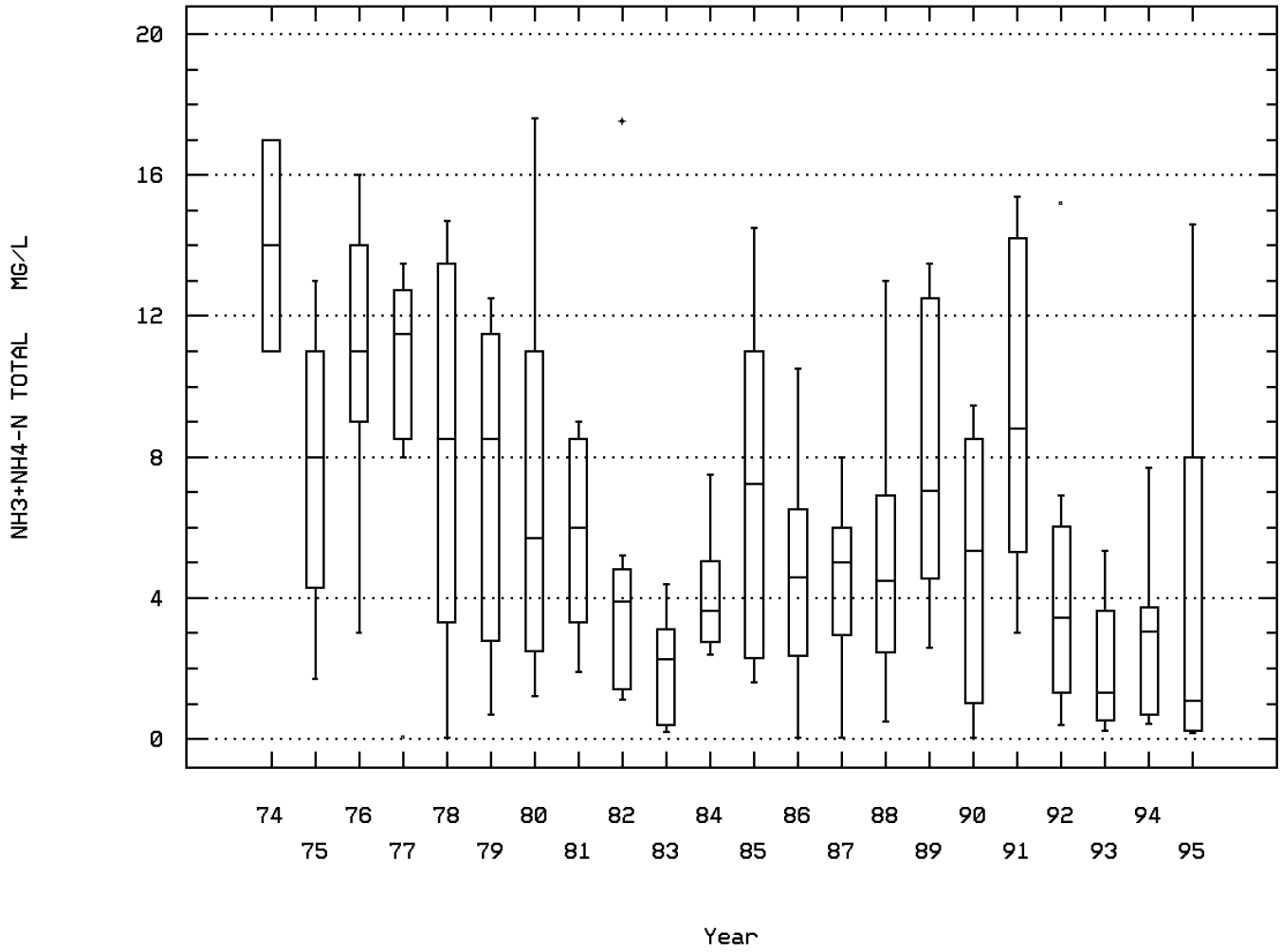
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00610

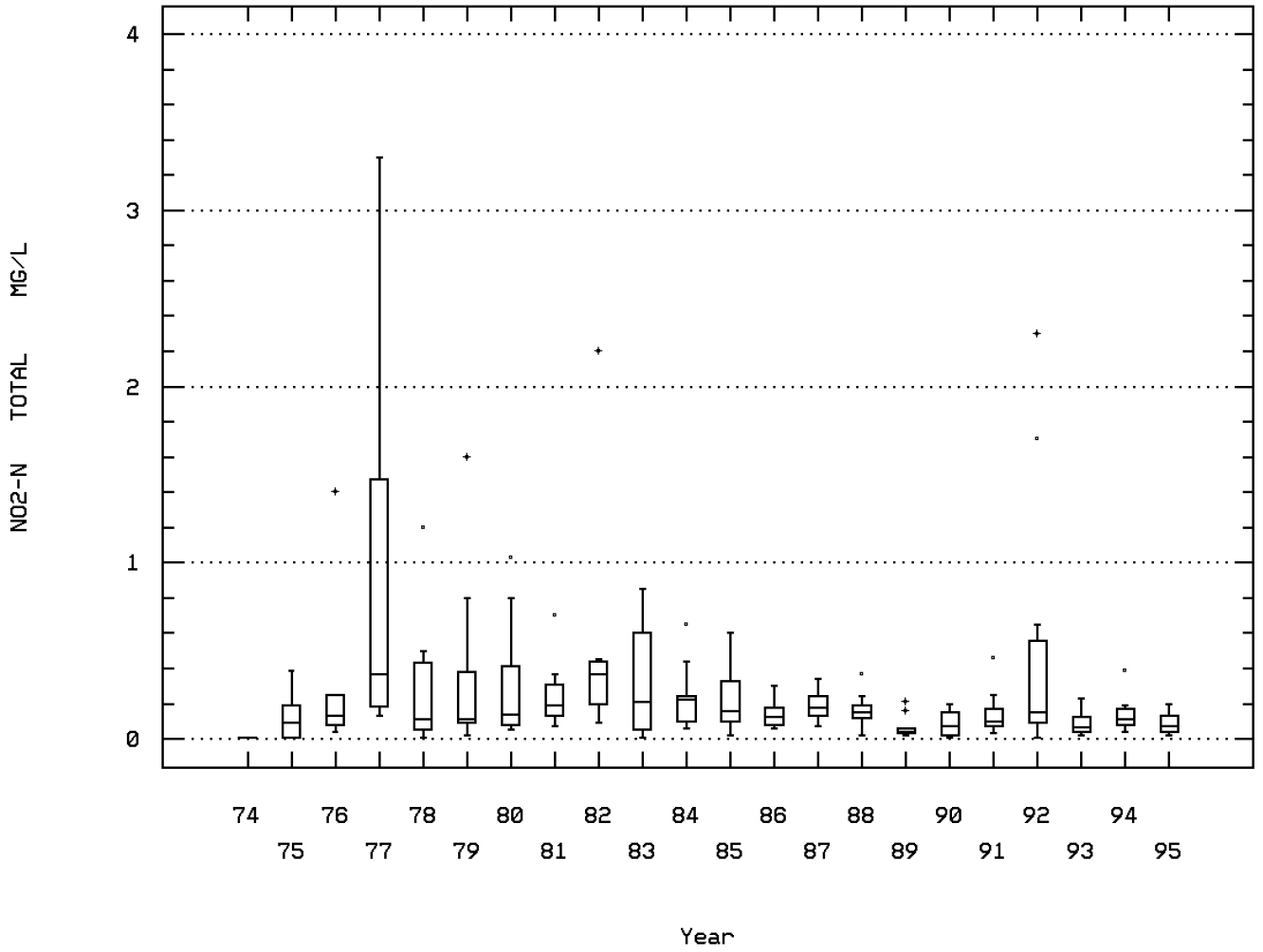
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00615

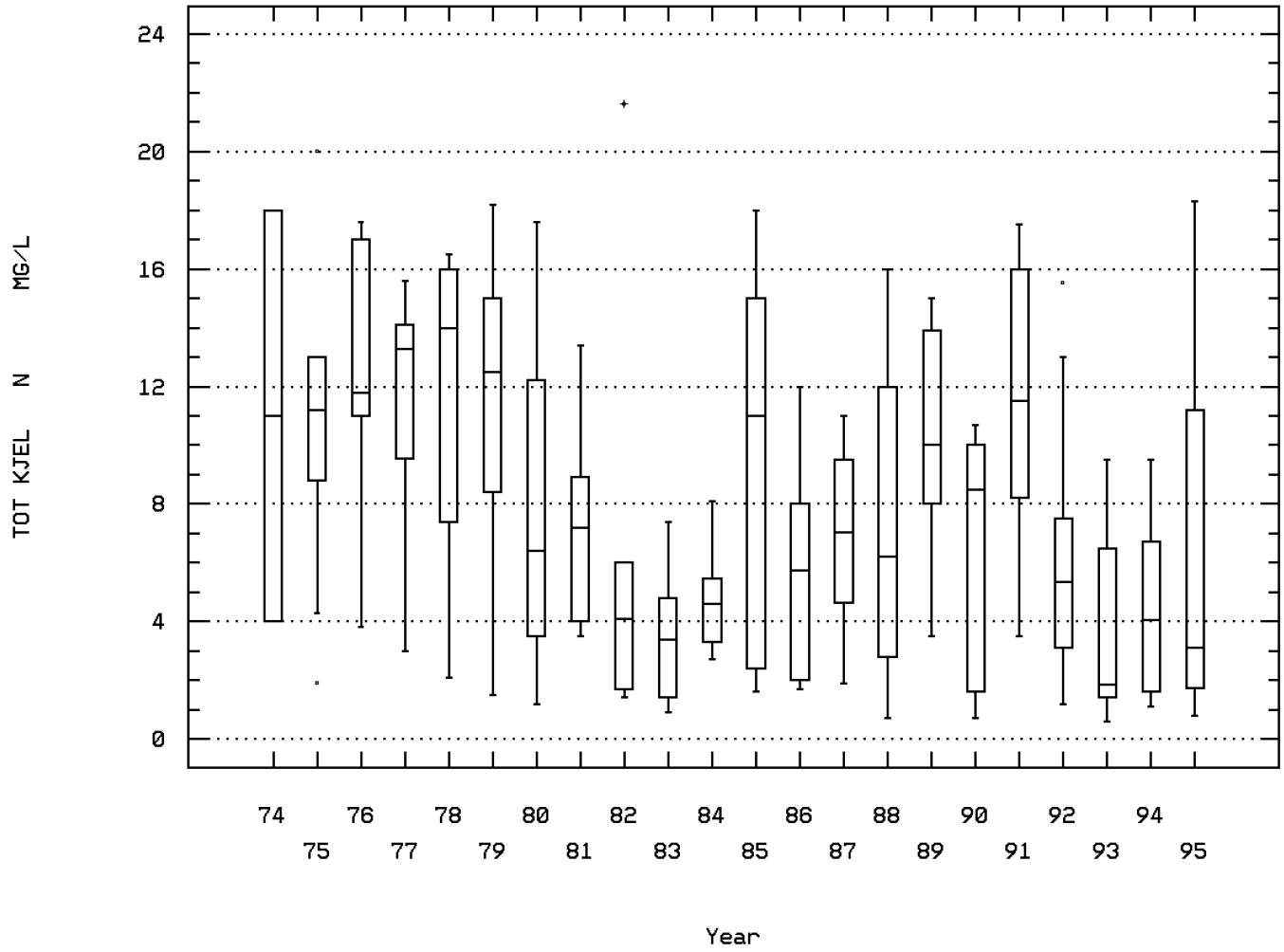
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00625

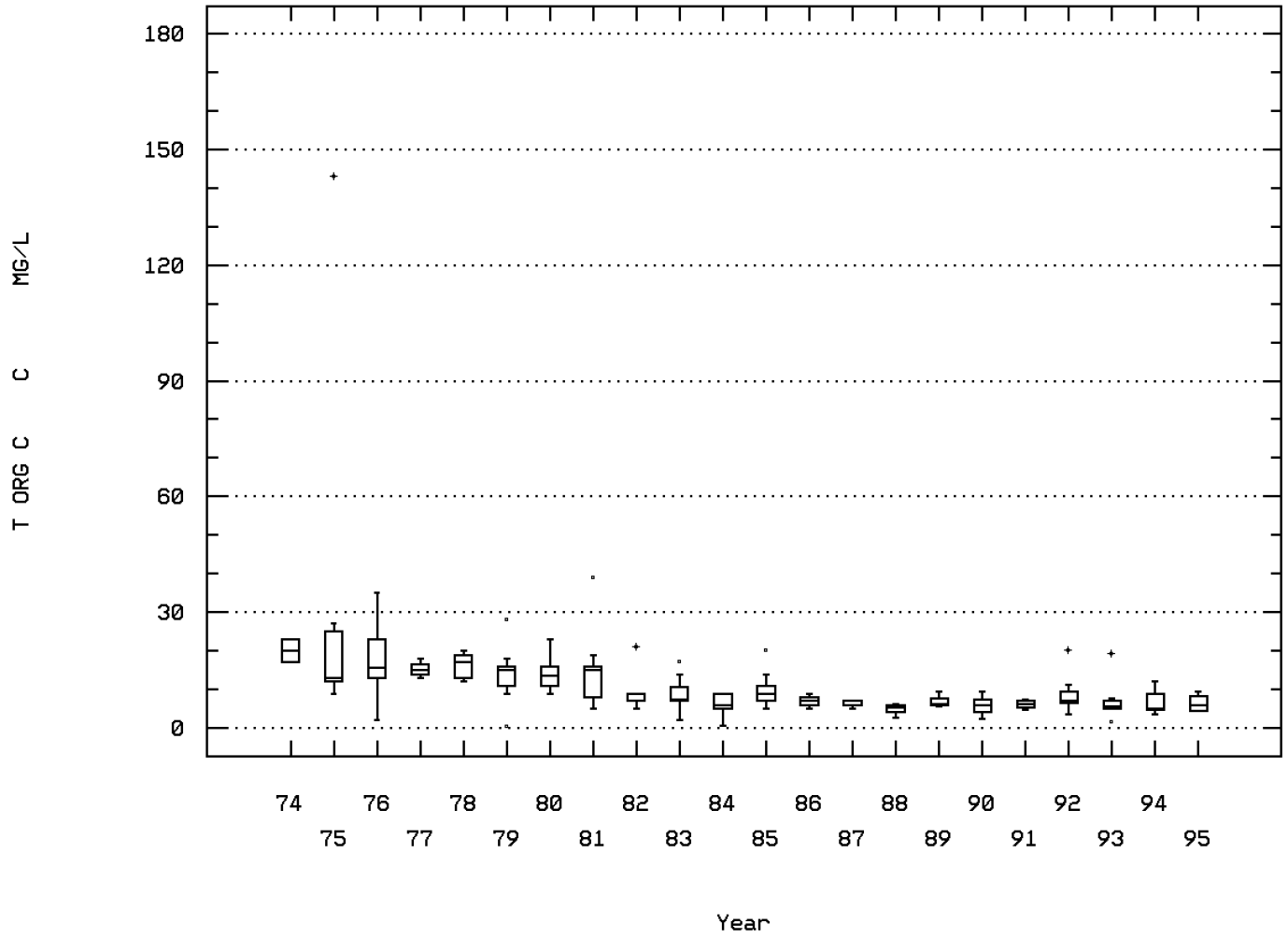
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHIGTON PARKWAY BRIDGE

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	76	24.85	23.482	30.5	1.9	28.756	5.363	17.47	20.85	26.975	28.53
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	34	10.15	11.621	31.	2.2	49.809	7.058	4.05	5.425	17.3	22.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	50	569.5	549.9	1987.	73.	65845.561	256.604	299.4	417.	636.75	684.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	25	590.	551.6	747.	273.	13611.333	116.668	326.6	516.	613.	681.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	60	6.6	6.715	9.2	4.4	1.372	1.171	4.91	5.825	7.5	8.36
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	76	4.5	5.928	30.	0.	23.584	4.856	1.57	3.	7.	12.3
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	60	17.	18.73	41.	0.	59.371	7.705	12.	14.	24.	29.7
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	74	7.3	7.394	9.8	5.9	0.416	0.645	6.75	7.	7.525	8.365
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	74	7.3	7.037	9.8	5.9	0.545	0.738	6.75	7.	7.525	8.365
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	74	0.05	0.092	1.259	0.	0.03	0.173	0.005	0.03	0.1	0.179
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	51	7.5	7.451	8.1	6.8	0.091	0.301	7.02	7.3	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	51	7.5	7.341	8.1	6.8	0.103	0.321	7.02	7.3	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	51	0.032	0.046	0.158	0.008	0.001	0.037	0.016	0.02	0.05	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	51	87.	86.373	143.	32.	675.358	25.988	54.2	63.	105.	121.6
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	44	346.	337.068	473.	101.	5580.67	74.704	217.5	314.5	394.75	417.5
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	44	72.	95.545	900.	23.	16424.672	128.159	39.	50.75	108.25	126.
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	44	269.5	260.864	435.	75.	3959.237	62.922	169.5	240.	295.25	325.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	77	13.	24.513	600.	1.5	4660.526	68.268	4.8	8.5	21.	32.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	76	4.	6.763	100.	0.	178.59	13.364	1.5	2.	6.	11.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	77	9.	17.994	500.	1.5	3202.582	56.591	2.5	5.	15.5	24.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	74	3.45	5.146	17.	0.05	20.072	4.48	0.405	1.213	8.2	12.25
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	75	0.15	0.278	3.299	0.005	0.197	0.444	0.04	0.08	0.3	0.6
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	66	2.16	2.616	8.4	0.1	3.924	1.981	0.512	1.118	3.615	5.784
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	73	4.299	6.653	18.	0.9	23.773	4.876	1.5	2.15	11.	13.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	59	0.1	0.4	3.9	0.04	0.517	0.719	0.05	0.1	0.3	1.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	45	0.08	0.355	2.7	0.01	0.354	0.595	0.026	0.04	0.455	1.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	77	7.1	8.842	35.	0.2	29.219	5.405	3.94	5.85	11.65	15.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	35	160.	151.8	192.	80.	765.165	27.662	112.4	138.	172.	182.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	49	69.	66.082	116.	19.	568.493	23.843	33.	43.5	80.5	95.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	26	53.5	52.154	69.	28.	111.175	10.544	32.8	47.	60.25	65.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	30	7.9	7.687	11.8	2.5	6.805	2.609	3.69	5.475	10.35	11.19
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	63	300.	2323.008	24000.	1.5	18973072.157	4355.809	11.4	50.	2100.	8000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	63	2.477	2.461	4.38	0.176	1.193	1.092	1.043	1.699	3.322	3.903
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			289.375								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-09/13/94	30	10.585	14.832	62.01	0.47	221.203	14.873	1.66	3.57	23.15	36.816
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	29	6.81	10.272	54.84	0.26	161.748	12.718	0.8	1.88	10.51	31.24
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	29	4.27	6.721	35.78	0.2	67.333	8.206	0.38	1.185	8.66	20.49
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-08/16/94	29	1.35	1.359	1.92	0.8	0.053	0.231	1.08	1.24	1.52	1.6
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	28	0.4	0.538	1.4	0.	0.197	0.444	0.09	0.125	0.975	1.205
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	30	0.585	1.212	4.899	0.005	2.076	1.441	0.01	0.02	2.462	3.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	88	11.25	10.902	18.5	0.9	12.278	3.504	6.27	9.05	12.8	15.06
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	40	7.7	11.518	40.	2.1	93.215	9.655	3.11	4.45	15.725	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	61	515.	563.082	1705.	229.	66154.443	257.205	311.6	414.5	638.5	780.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	27	538.	588.37	1457.	214.	86227.242	293.645	330.8	419.	616.	1096.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	66	9.15	9.335	14.5	6.8	2.207	1.486	7.6	8.275	10.225	11.46
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	86	5.	6.72	38.	0.5	33.76	5.81	1.63	3.	8.25	12.3
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	70	18.5	23.093	75.	0.5	171.401	13.092	12.	15.	30.25	42.4
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	84	7.2	7.126	9.7	1.5	0.624	0.79	6.6	6.8	7.4	7.7
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	84	7.2	3.424	9.7	1.5	14.494	3.807	6.6	6.8	7.4	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	84	0.063	376.56	31622.777	0.	11904687.178	3450.317	0.02	0.04	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	54	7.3	7.324	8.3	6.3	0.267	0.517	6.7	6.975	7.7	8.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	54	7.3	7.067	8.3	6.3	0.335	0.578	6.7	6.975	7.7	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	54	0.05	0.086	0.501	0.005	0.009	0.097	0.008	0.02	0.106	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	53	68.	73.623	177.	26.	1051.97	32.434	37.	48.5	91.5	123.
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	49	311.	329.592	820.	153.	15354.455	123.913	222.	260.	336.5	448.
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	49	62.	65.714	116.	26.	514.792	22.689	38.	49.	78.5	108.
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	49	232.	263.265	747.	119.	14953.074	122.283	174.	205.5	271.5	384.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	88	12.	26.068	290.	2.	1816.11	42.616	2.5	7.	28.75	56.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	88	4.	7.392	48.	0.5	69.267	8.323	1.5	2.	8.	20.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	87	8.	18.914	242.	0.	1360.658	36.887	2.	3.	14.	41.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	86	5.	6.191	17.6	0.21	21.803	4.669	0.621	2.55	8.625	13.65
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	87	0.11	0.196	2.2	0.005	0.096	0.309	0.02	0.05	0.2	0.382
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	76	1.925	2.892	10.9	0.26	6.231	2.496	0.6	1.047	3.953	7.26
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	86	6.6	7.687	21.6	0.6	27.456	5.24	1.4	3.575	11.85	15.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	69	0.1	0.621	3.4	0.05	0.853	0.924	0.05	0.1	0.6	2.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	54	0.19	0.653	3.	0.005	0.811	0.901	0.01	0.03	1.2	2.475
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	82	8.	11.202	39.	1.4	55.775	7.468	5.	5.5	16.	20.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	39	122.	124.872	200.	58.	1076.799	32.815	84.	100.	148.	164.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	53	68.	91.302	486.	24.	9544.561	97.696	32.8	47.	93.5	113.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	32	46.5	46.344	74.	19.	132.039	11.491	33.	40.25	52.5	63.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	30	8.25	8.323	13.2	3.7	5.991	2.448	4.59	6.85	10.25	11.48
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	76 ##	50.	856.789	16000.	1.5	5692862.662	2385.972	15.	50.	500.	2040.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	76 ##	1.699	2.066	4.204	0.176	0.774	0.88	1.176	1.699	2.699	3.279
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			116.399								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	30	0.25	0.515	2.5	0.	0.36	0.6	0.	0.1	0.725	1.5
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	33	0.4	0.95	4.199	0.005	1.196	1.093	0.014	0.03	1.799	2.319

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-11/07/95	61	20.4	20.692	32.9	12.5	22.068	4.698	13.74	17.5	24.5	26.34
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	26	10.2	12.362	53.	2.6	114.624	10.706	2.88	6.575	13.325	27.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	41	453.	462.902	689.	55.	21348.09	146.11	266.2	386.	590.5	657.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-11/07/95	18	507.	495.5	709.	220.	16715.206	129.287	310.9	391.	597.5	642.4
00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	46	7.8	7.774	10.8	4.8	2.316	1.522	5.47	6.775	8.825	9.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-11/07/95	60	5.	8.54	108.	1.	198.452	14.087	2.43	3.	9.5	15.9
00340	COD, .25N K2CR2O7 MG/L	04/18/75-11/07/95	48	18.5	25.417	335.	2.	2144.078	46.304	8.9	13.25	23.	33.
00400p	PH (STANDARD UNITS)	09/19/74-11/07/95	56	7.25	7.218	8.23	6.4	0.15	0.387	6.67	6.9	7.468	7.73
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-11/07/95	56	7.247	7.06	8.23	6.4	0.175	0.419	6.67	6.9	7.467	7.73
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-11/07/95	56	0.057	0.087	0.398	0.006	0.006	0.079	0.019	0.034	0.126	0.215
00403	PH, LAB, STANDARD UNITS SU	04/18/75-11/07/95	40	7.4	7.417	8.3	6.5	0.153	0.391	6.81	7.125	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-11/07/95	40	7.4	7.241	8.3	6.5	0.185	0.43	6.81	7.125	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-11/07/95	40	0.04	0.057	0.316	0.005	0.004	0.061	0.013	0.02	0.075	0.155
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-11/07/95	40	82.5	80.05	147.	28.	961.382	31.006	32.5	53.75	104.	114.9
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-11/07/95	33	290.	312.758	876.	167.	13386.814	115.701	223.6	259.5	331.	393.
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-11/07/95	33	67.	89.909	513.	36.	8135.96	90.2	45.4	56.5	82.5	108.
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-11/07/95	33	219.	222.864	363.	0.5	4803.676	69.309	155.	176.	277.5	310.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-11/07/95	60	13.5	28.233	400.	3.	2942.148	54.242	6.1	9.25	25.75	53.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-11/07/95	61	5.	10.205	220.	1.	785.236	28.022	1.6	3.	9.	13.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-11/07/95	61	10.	19.033	180.	0.	880.591	29.675	2.6	4.5	19.5	41.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-11/07/95	60	5.98	6.713	16.	0.02	19.216	4.384	1.22	3.418	10.45	13.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	61	0.13	0.3	2.399	0.005	0.233	0.482	0.03	0.07	0.315	0.614
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-11/07/95	53	1.3	1.903	9.2	0.18	3.266	1.807	0.382	0.625	2.595	4.865
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-11/07/95	60	8.45	9.028	20.	0.7	29.66	5.446	1.72	4.65	13.35	17.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	47	0.2	0.435	2.4	0.05	0.379	0.615	0.09	0.1	0.4	1.62
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	36	0.115	0.456	2.	0.01	0.411	0.641	0.027	0.033	0.778	1.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

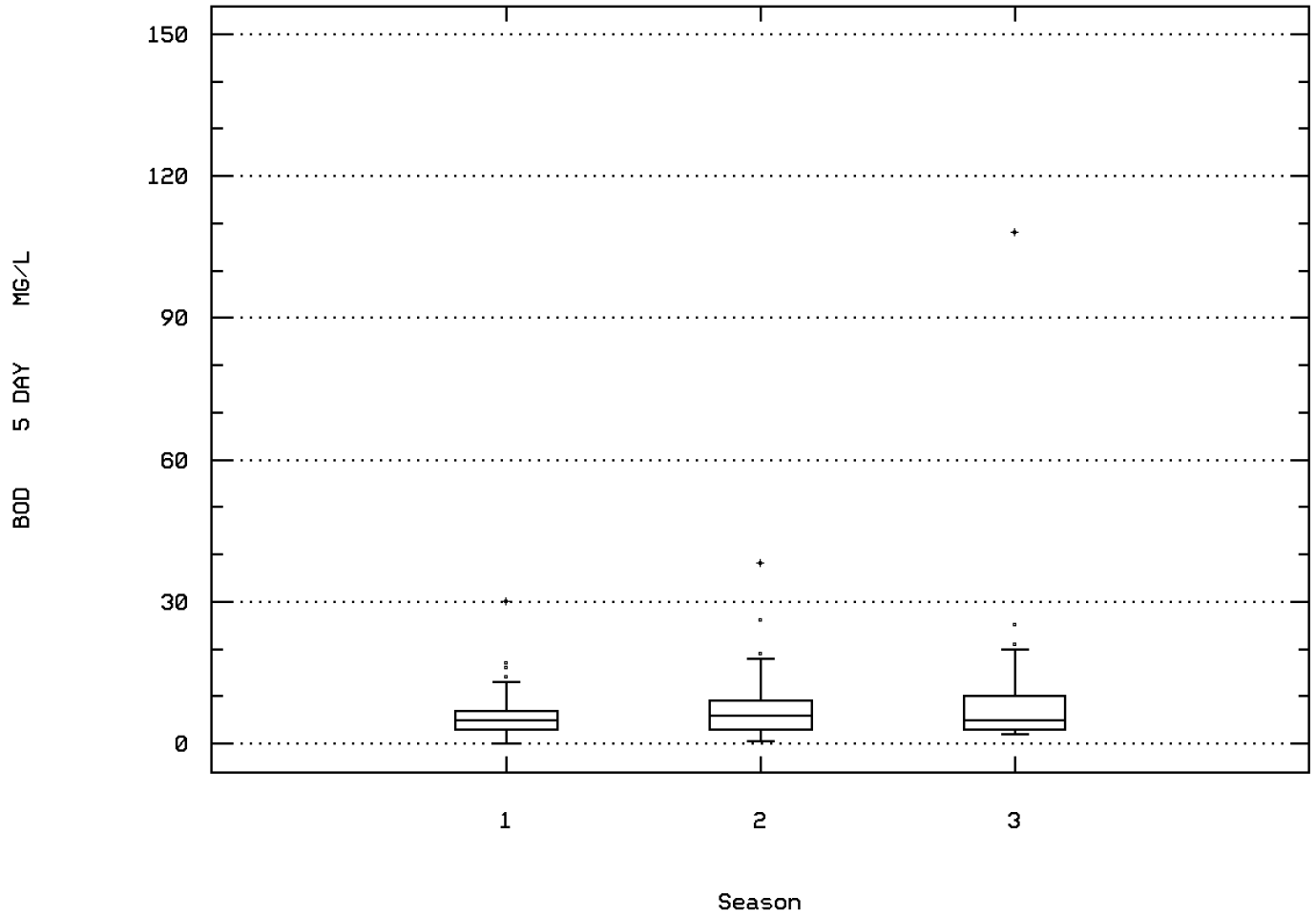
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-11/07/95	61	9.	11.803	143.	2.7	310.112	17.61	5.	6.2	13.5	16.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-11/07/95	23	131.	119.391	168.	62.	864.249	29.398	80.8	90.	140.	156.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-11/07/95	38	53.	54.447	97.	10.	531.605	23.057	19.	38.	76.25	83.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-11/07/95	20	41.	39.5	52.	25.	64.263	8.016	26.3	33.75	45.5	50.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	25	8.5	7.828	11.6	1.1	7.808	2.794	3.4	5.75	9.65	11.36
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	51	100.	1404.206	24000.	1.5	13756065.582	3708.917	9.	50.	1300.	4200.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-11/07/95	51	2.	2.211	4.38	0.176	0.957	0.978	0.954	1.699	3.114	3.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			162.496								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-09/13/94	19	15.29	29.228	168.2	1.71	1547.351	39.336	4.33	7.89	35.61	88.07
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	19	8.54	15.772	91.31	0.01	489.046	22.114	0.4	2.67	23.83	47.39
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-08/16/94	19	9.8	22.787	122.45	0.76	894.741	29.912	0.92	4.09	35.62	64.98
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-08/16/94	19	1.31	1.312	1.62	0.99	0.029	0.171	1.07	1.16	1.49	1.5
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	23	0.3	0.455	2.1	0.	0.271	0.52	0.	0.07	0.7	1.22
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-11/07/95	25	1.5	1.524	6.399	0.005	2.83	1.682	0.016	0.02	2.55	3.7

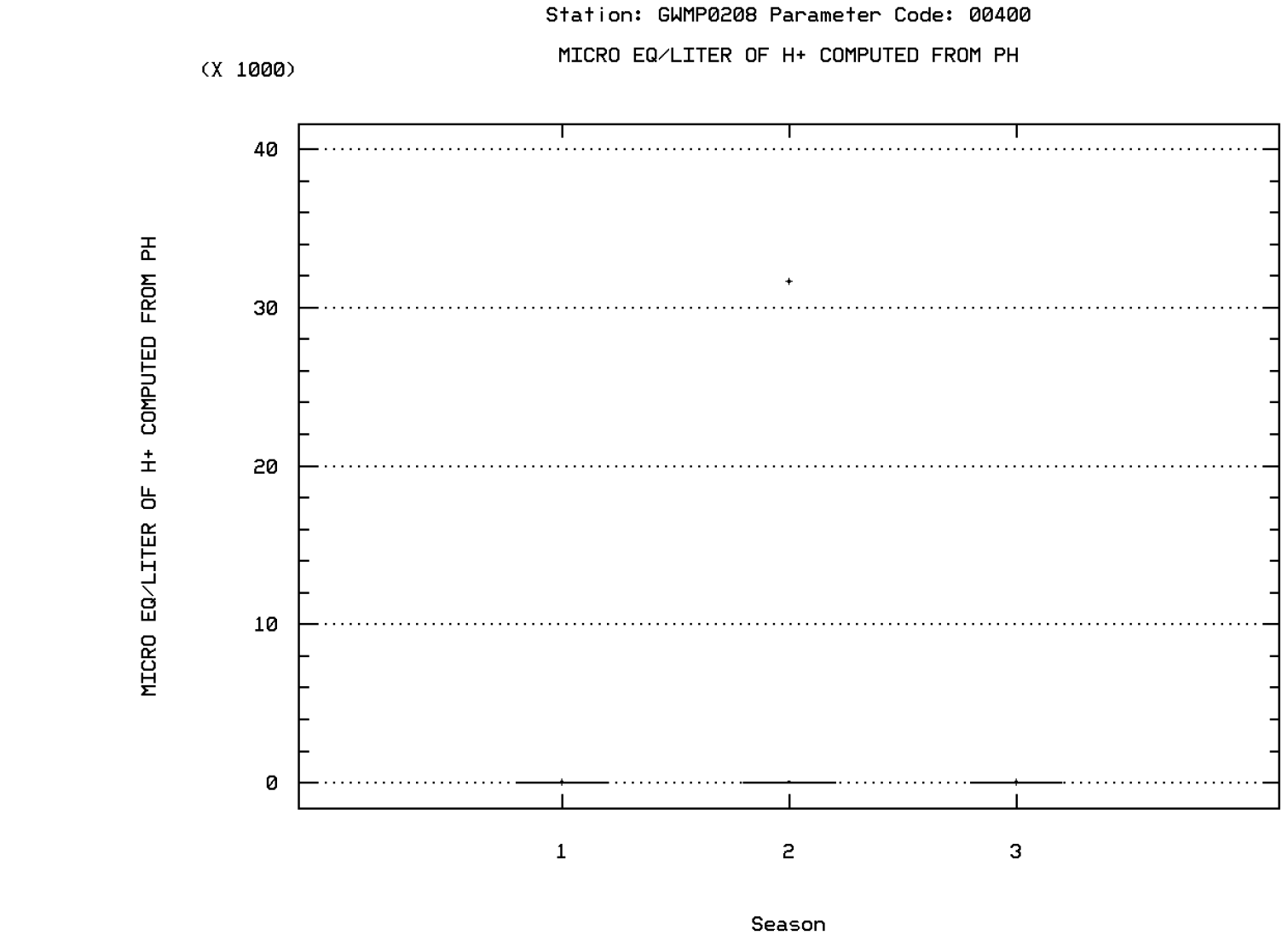
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0208 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



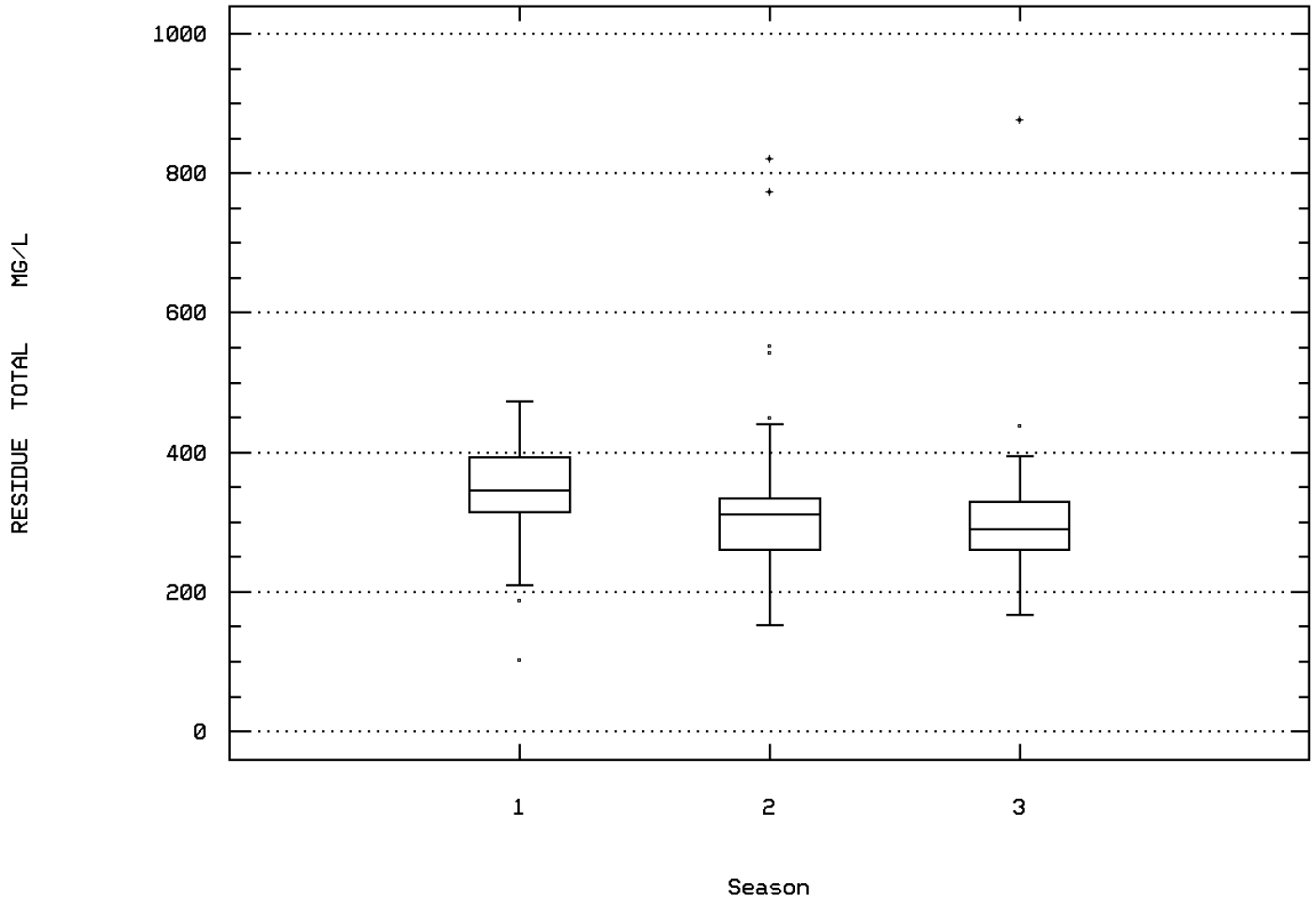
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00500

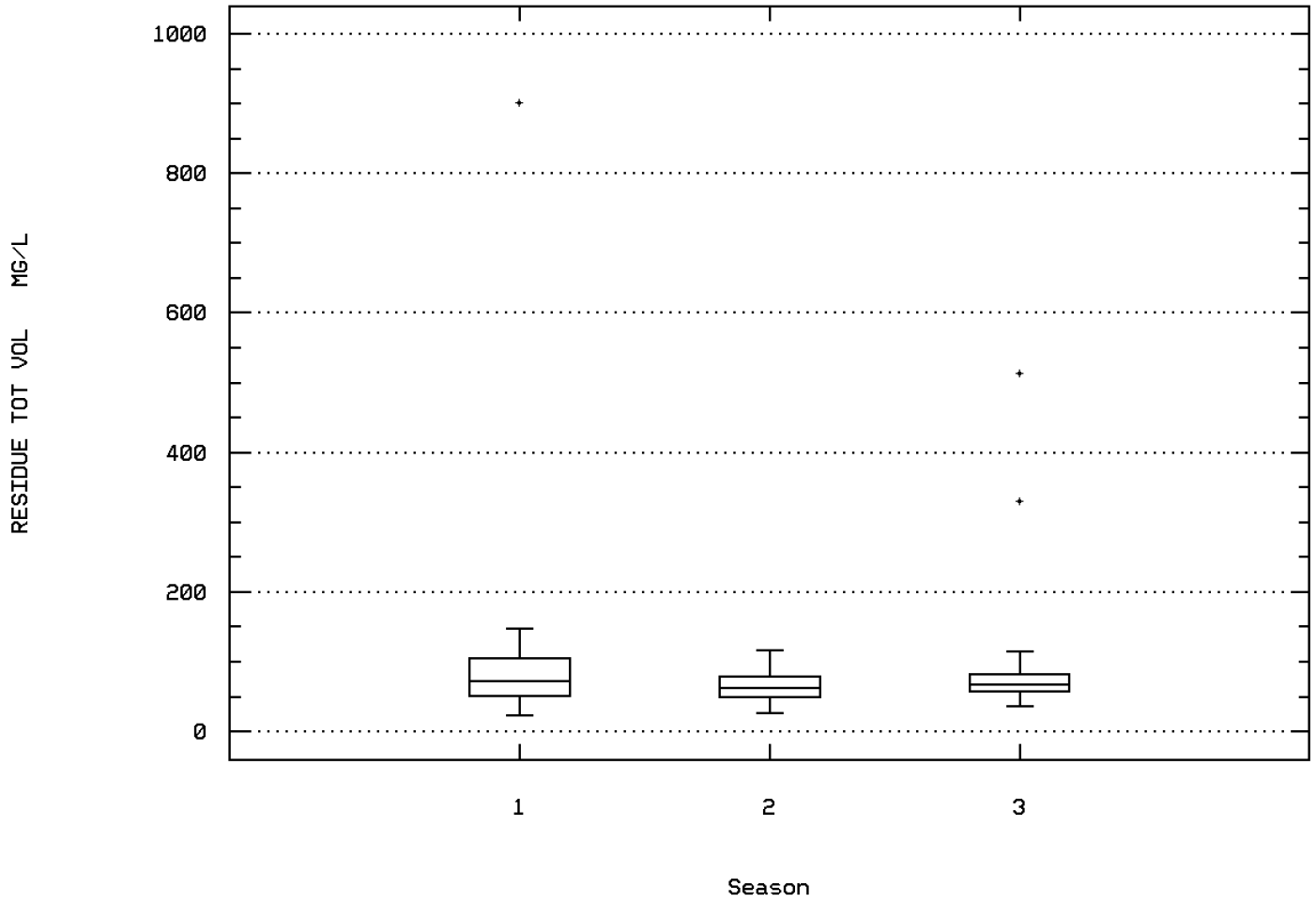
RESIDUE, TOTAL (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00505

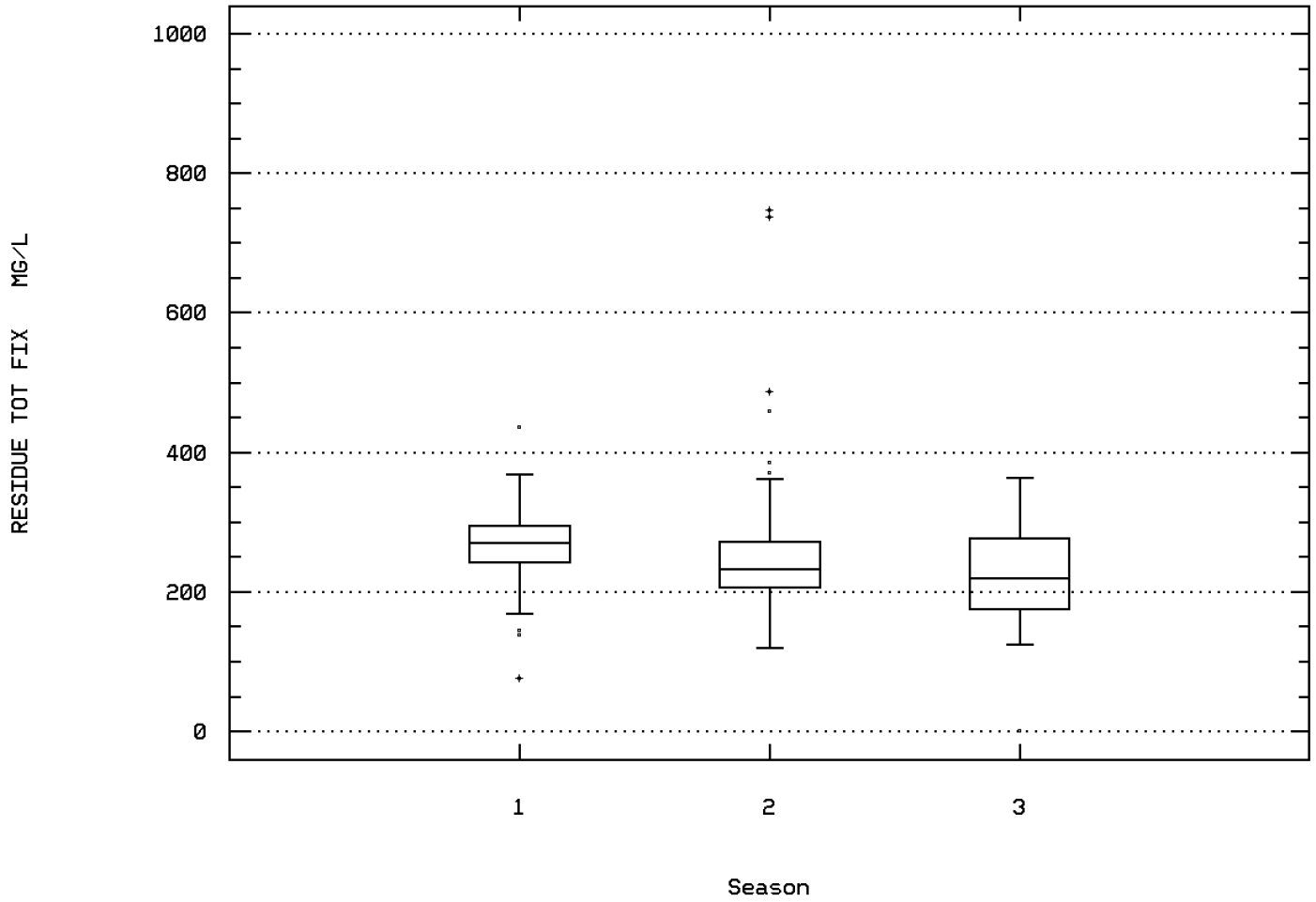
RESIDUE, TOTAL VOLATILE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00510

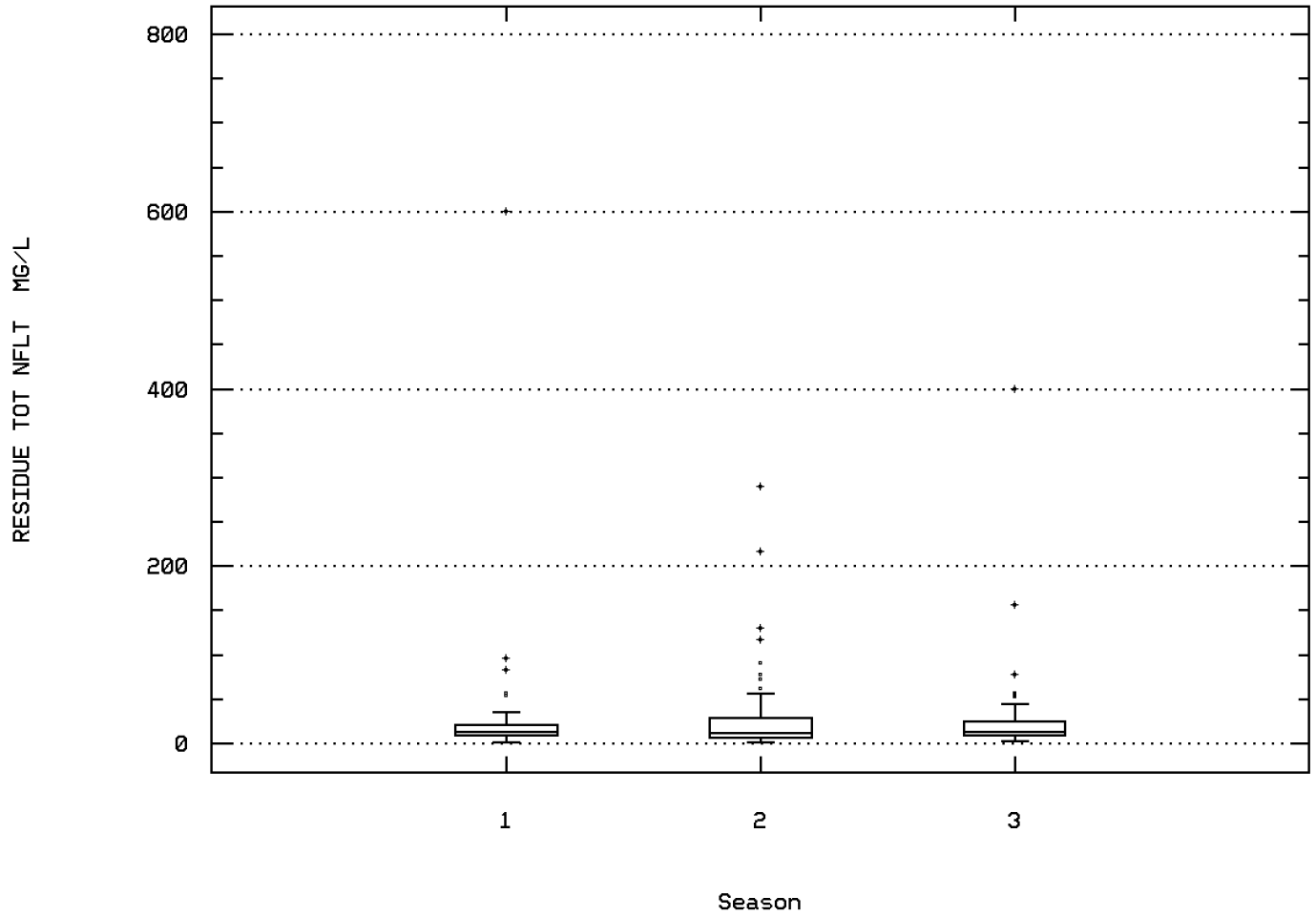
RESIDUE, TOTAL FIXED (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00530

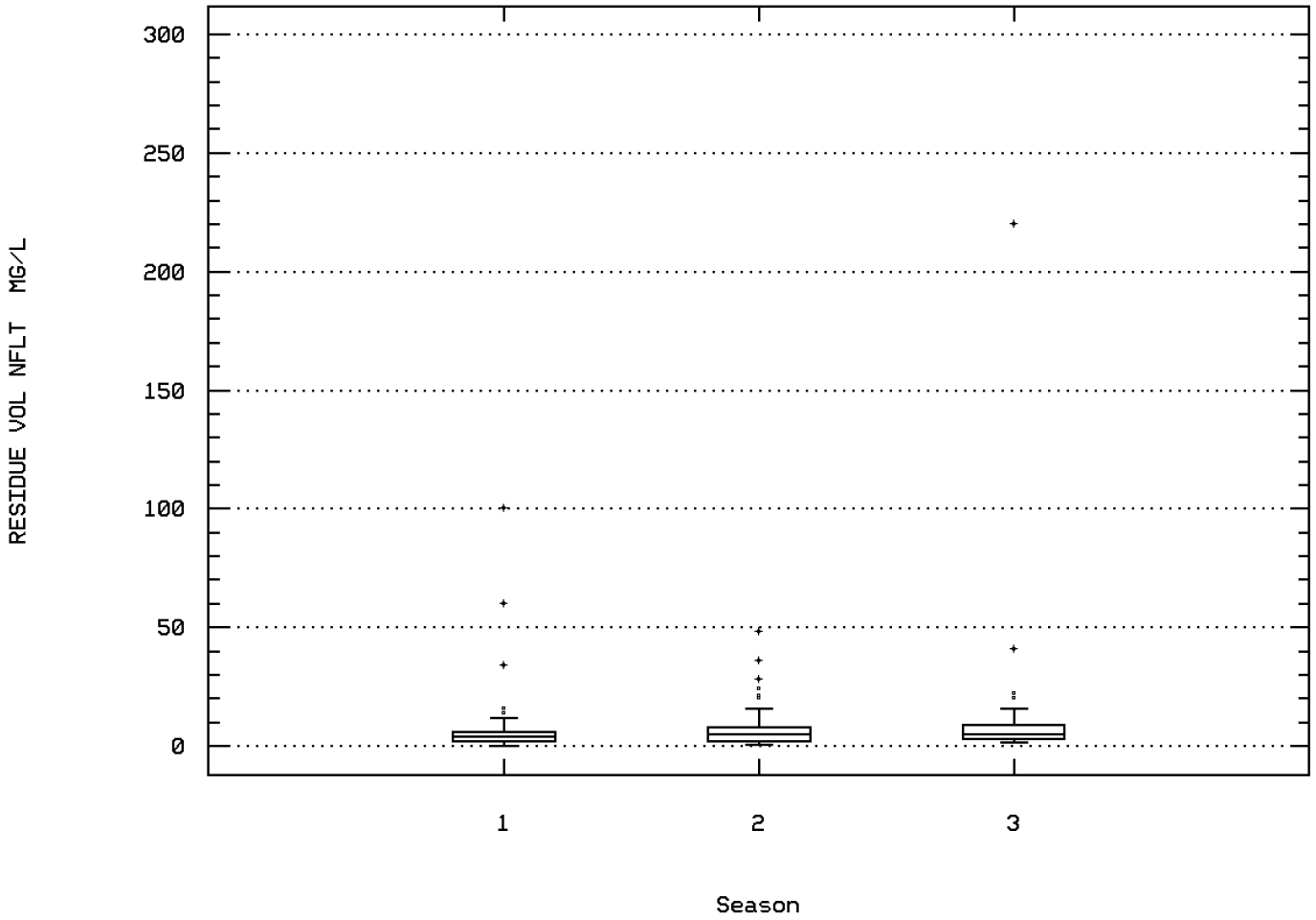
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00535

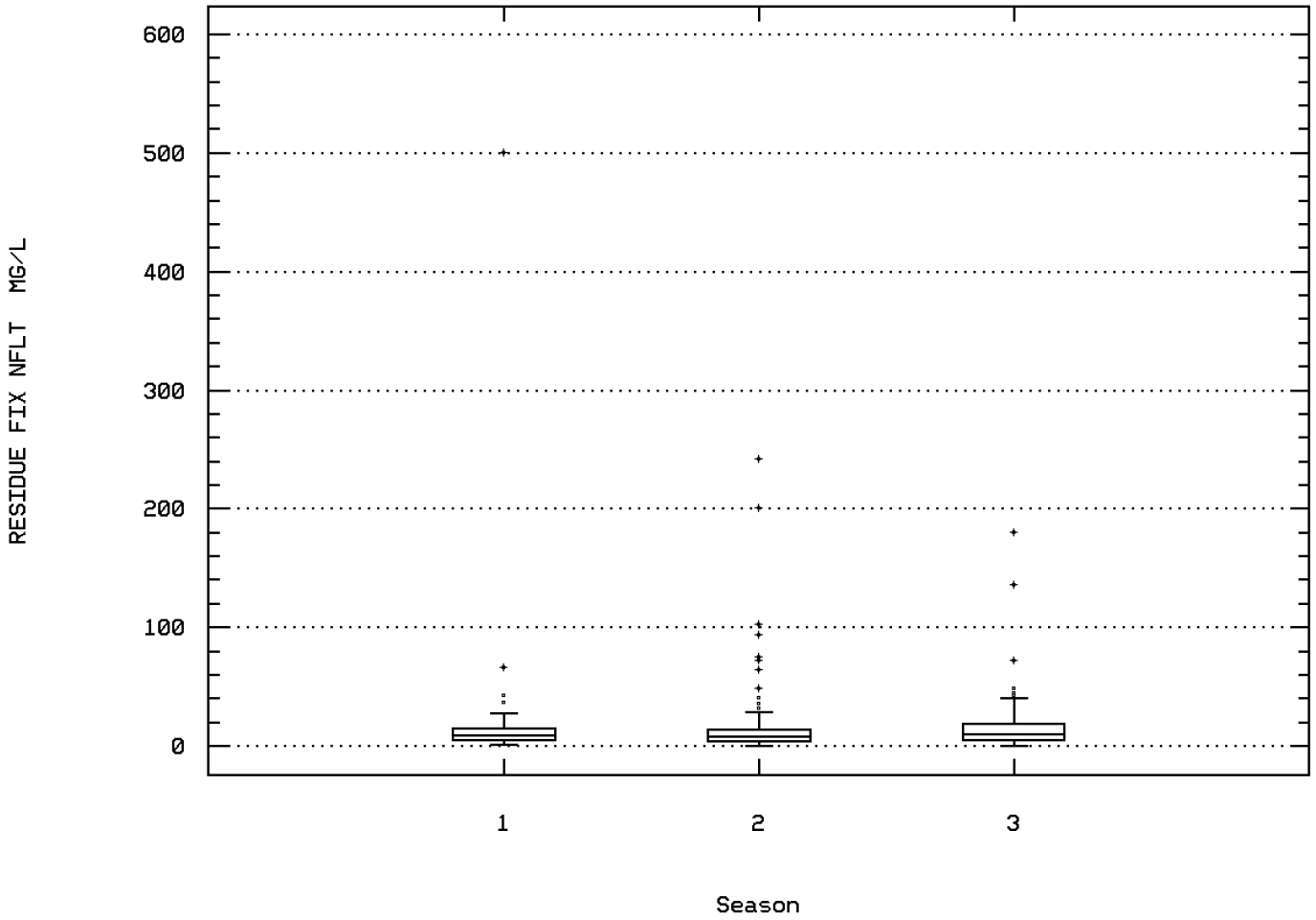
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00540

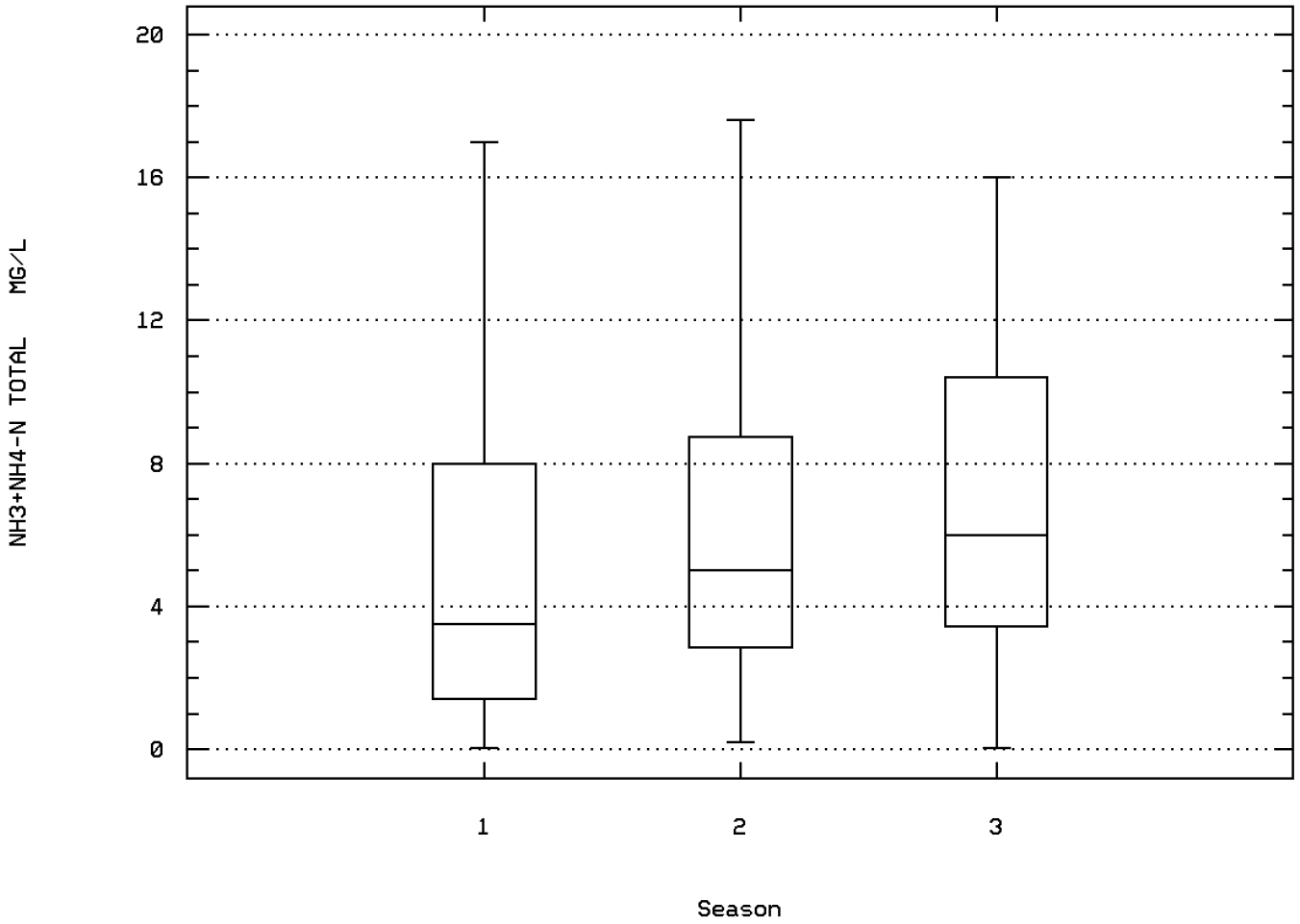
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00610

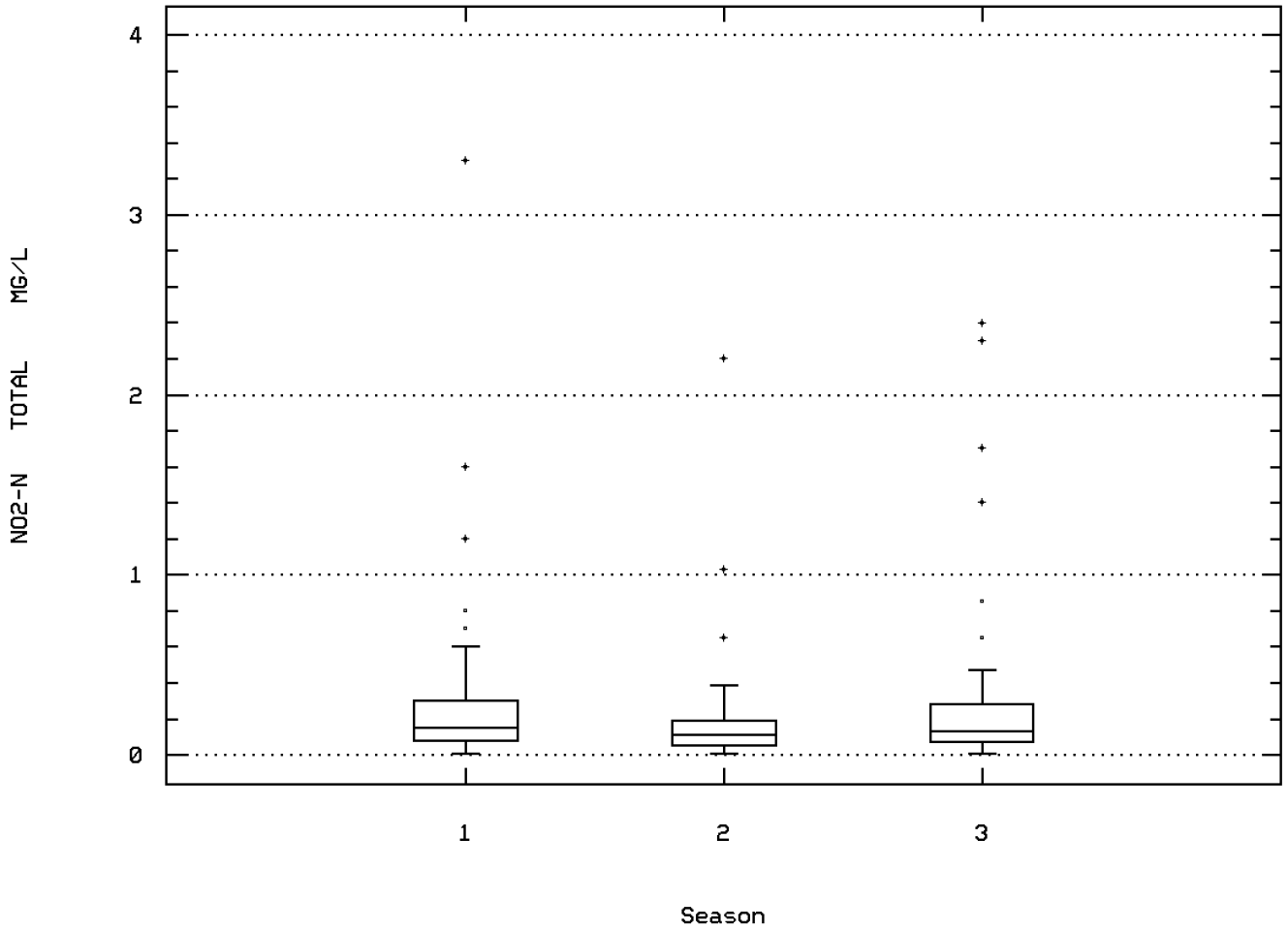
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00615

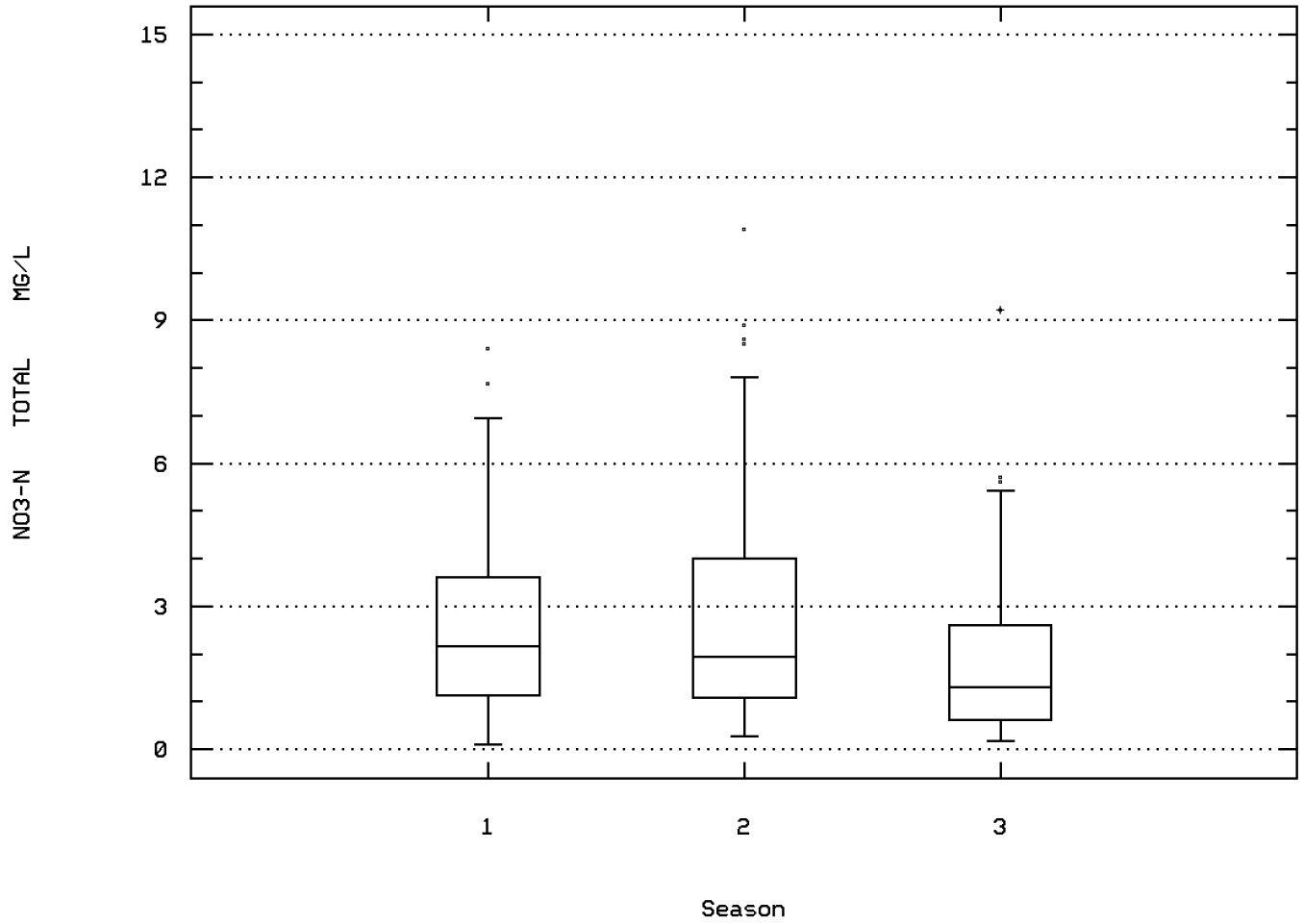
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00620

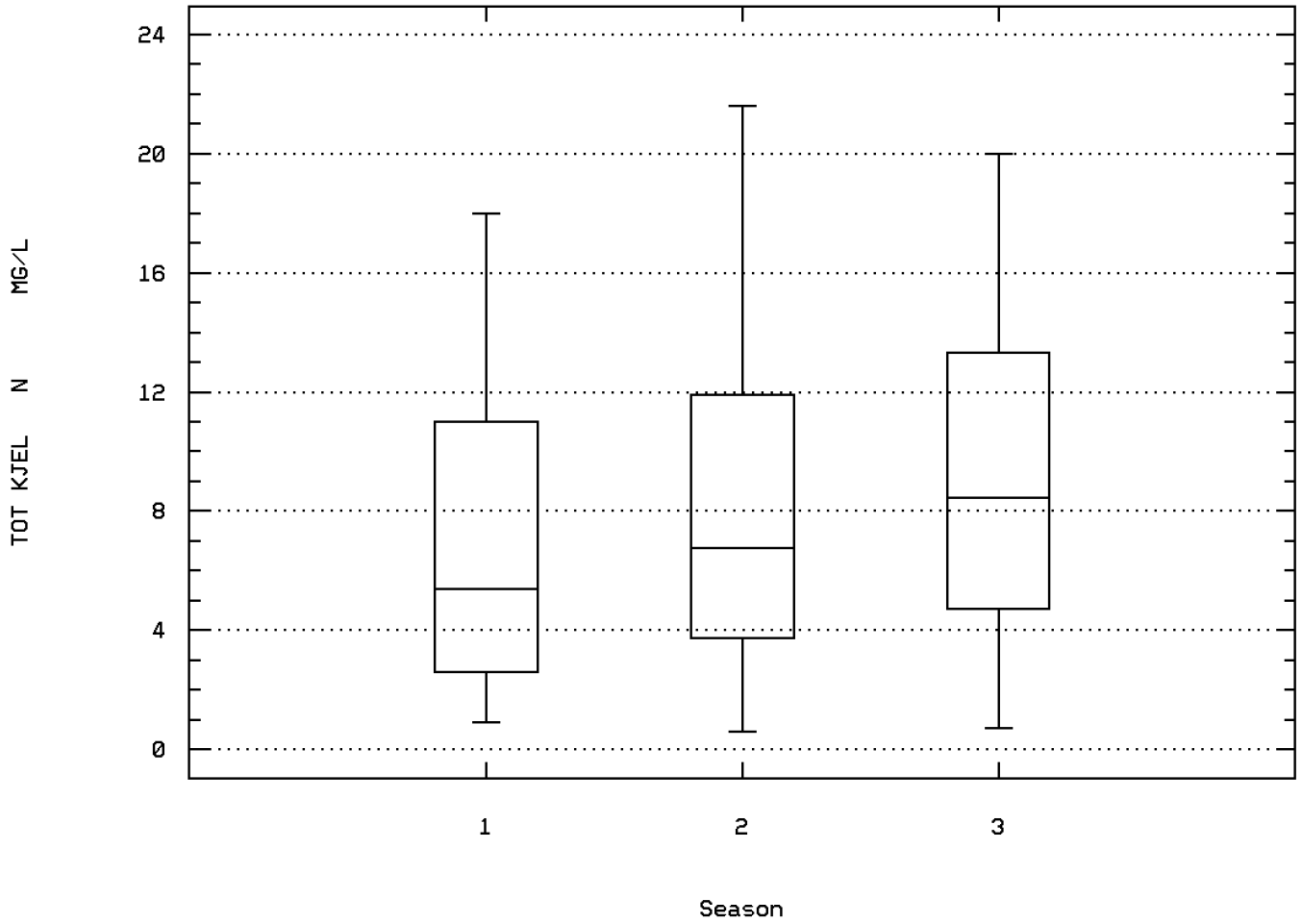
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00625

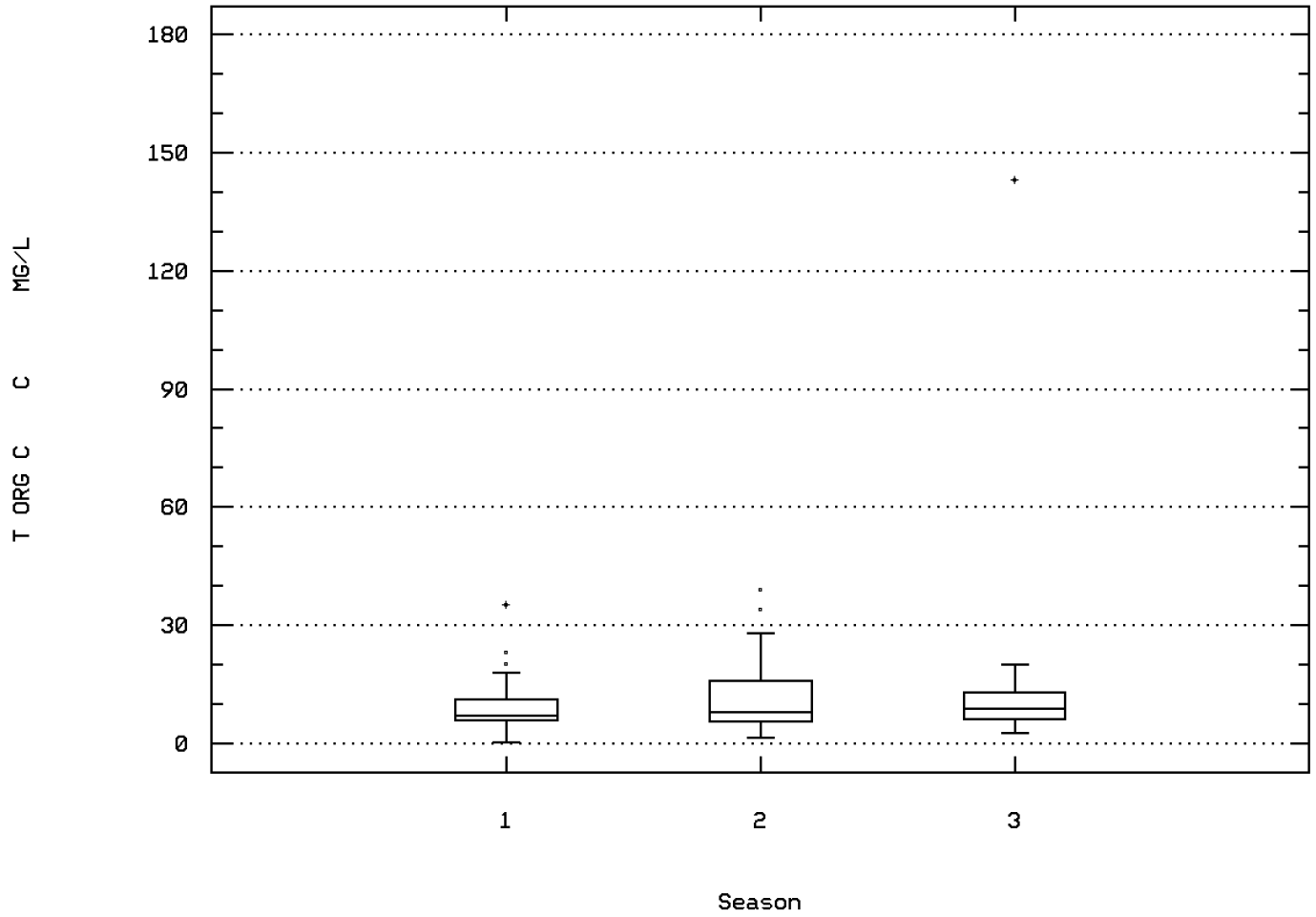
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 00680

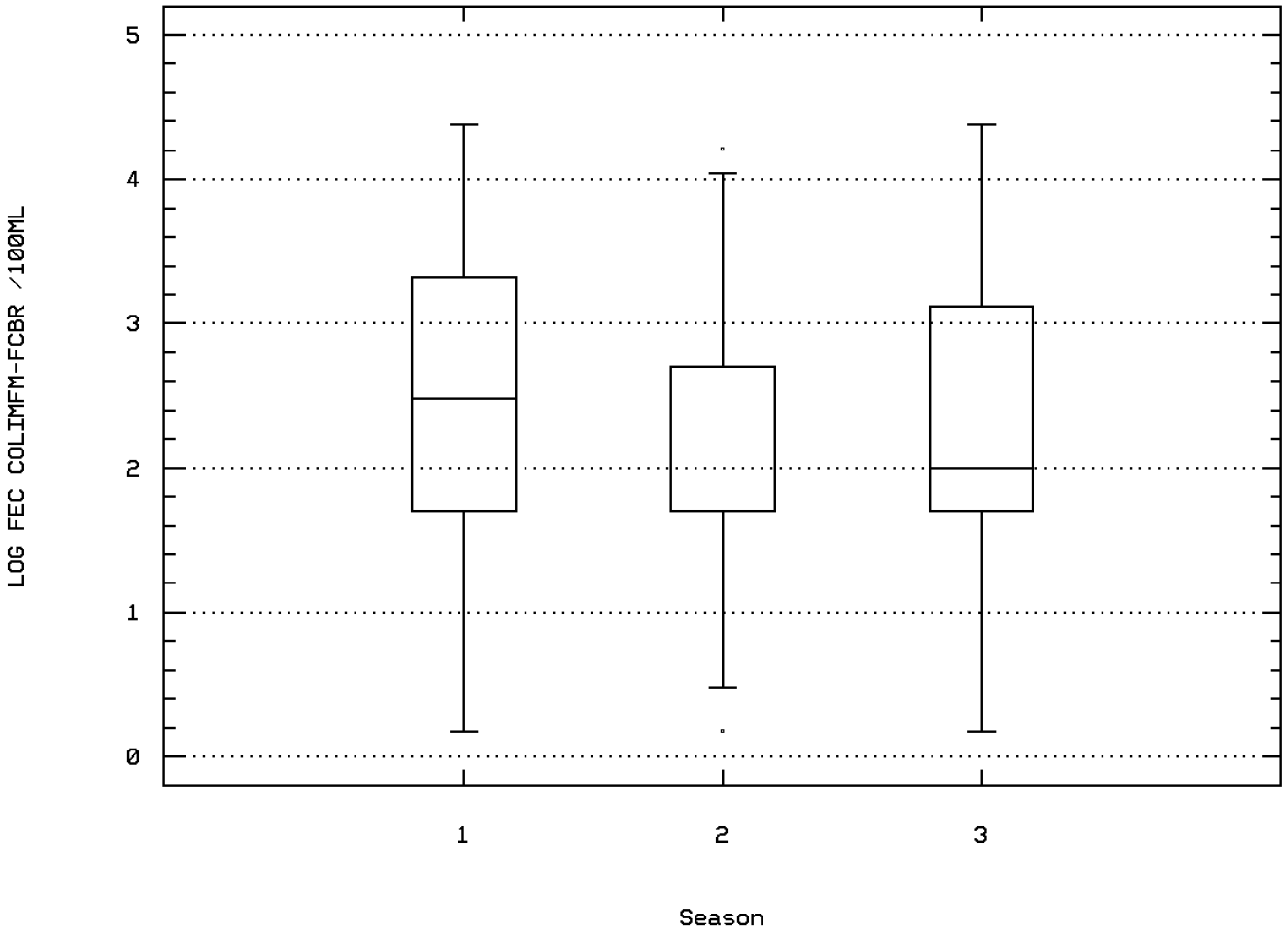
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 31616

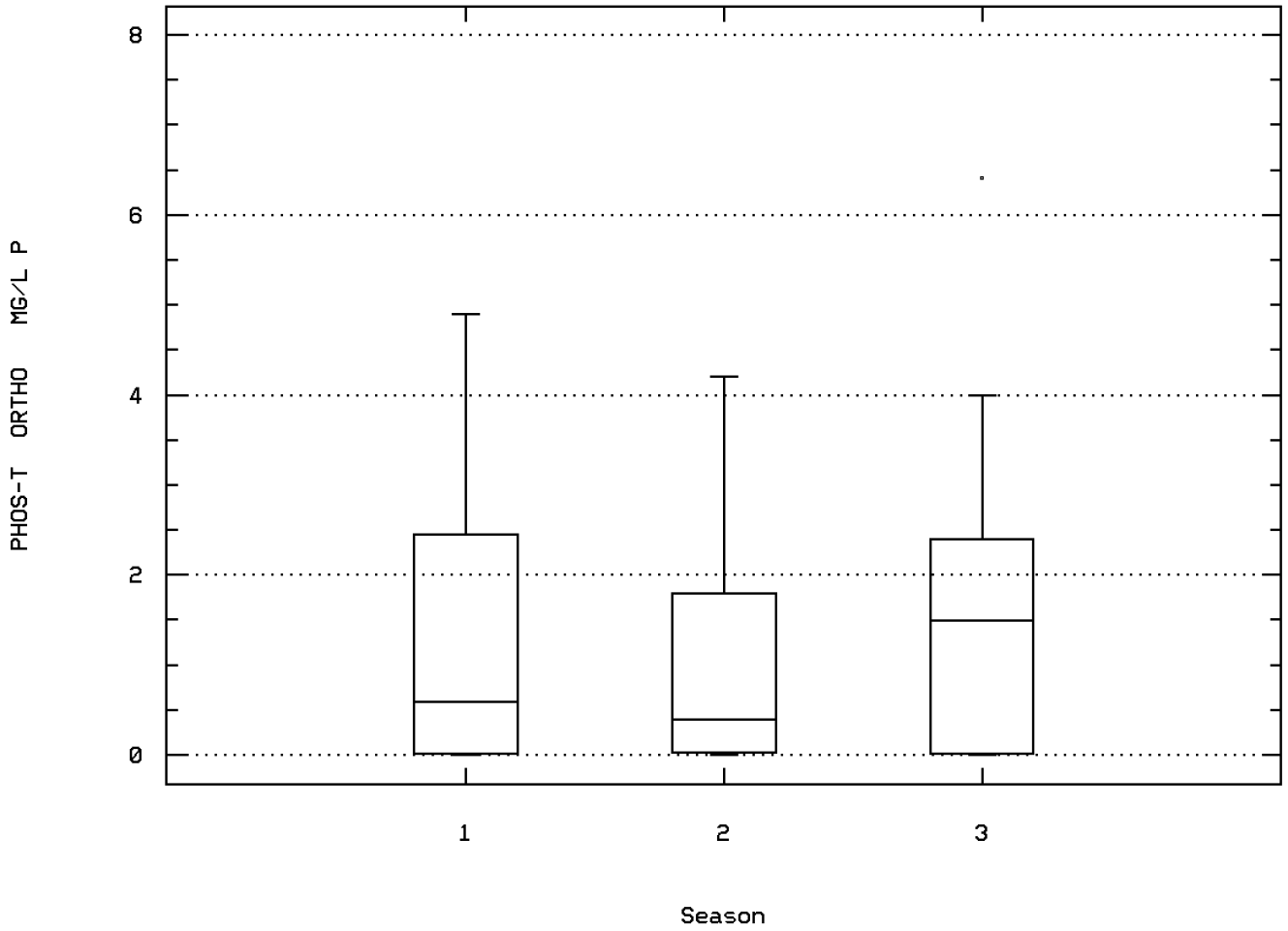
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASHIGTON PARKWAY BRIDGE

Station: GWMP0208 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



GEORGE WASHIGTON PARKWAY BRIDGE

Station Inventory for Station: GWMP0209

NPS Station ID: GWMP0209
LAT/LON: 38.841392/ -77.033615
Agency: 1113UPBA
Date Created: / /
Location: PO.R. ARLINGTON STP EFFLUENT
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 033 /033 /STP B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.120
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.25
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	16	4450000.	8387500.	24000000.	2400000.	**********	7542726.739	2400000.	3480000.	14417500.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	16	6.638	6.777	7.38	6.38	0.128	0.358	6.38	6.542	7.148	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5978980.012								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	16	1300000.	2556875.	16090000.	110000.	**********	3862974.189	180000.	647500.	2400000.	8621000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	16	6.114	6.113	7.207	5.041	0.28	0.529	5.238	5.811	6.38	6.876
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1296838.54								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	16	521000.	633625.	1400000.	140000.100352	116666.667	316784.022	236600.	490000.	790000.	1183000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	16	5.716	5.746	6.146	5.146	0.058	0.242	5.355	5.69	5.898	6.07
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			557048.477								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	16	1.00				16	16	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	16	16	1.00				16	16	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0210

NPS Station ID: GWMP0210 LAT/LON: 38.841392/ -77.055838 Agency: 21VASWCB Date Created: / /
Location: ARLINGTON STP EFFLUENT FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU000.63 /VA1A07-X0040/VA1A3X0040
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.060 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010059401.70 RF3 Mile Point: 1.80 Distance from RF3: 0.07 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: GWMP0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	31	20.	21.226	27.8	13.9	18.644	4.318	15.6	17.8	26.1	27.1
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	32	4.5	4.922	12.8	2.2	4.243	2.06	3.26	3.925	4.95	6.62
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	31	8.	9.755	28.	2.	34.009	5.832	3.2	5.	13.	18.
00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.931	7.3	6.5	0.036	0.189	6.7	6.8	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.891	7.3	6.5	0.037	0.194	6.7	6.8	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	32	0.1	0.129	0.316	0.05	0.004	0.06	0.063	0.1	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/74-04/15/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/74-04/15/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	2	328.	328.	350.	306.	968.	31.113	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	2	130.	130.	176.	84.	4232.	65.054	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	2	198.	198.	222.	174.	1152.	33.941	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	13.	16.387	44.	4.	110.378	10.506	5.2	8.	25.	30.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	8.	10.581	29.	0.	65.518	8.094	2.	5.	16.	26.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	4.	5.935	24.	0.	30.996	5.567	2.	2.	7.	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	16.	15.405	25.5	0.05	35.	5.916	6.5	12.	19.75	24.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.115	0.225	0.8	0.005	0.064	0.253	0.007	0.025	0.415	0.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	1.	1.526	5.799	0.03	2.493	1.579	0.096	0.278	2.384	4.553
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	32	20.	19.953	28.	12.	17.554	4.19	14.15	17.25	23.	25.85
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	3	0.8	2.	5.	0.2	6.84	2.615	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3	5.	4.5	6.	2.5	3.25	1.803	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.4	5.	2.	1.8	1.342	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10 ##	5.	8.	20.	5.	23.333	4.83	5.	5.	10.	19.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10	25.	25.5	50.	5.	246.944	15.714	5.5	10.	35.	50.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	10.	12.778	20.	5.	50.694	7.12	5.	5.	20.	20.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10	65.	59.	90.	30.	410.	20.248	31.	40.	72.5	89.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	32	100.	4820.	60000.	40.	214137251.613	14633.429	50.	50.	725.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	32	2.	2.459	4.778	1.602	0.922	0.96	1.699	1.699	2.852	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			287.823								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	13	0.9	0.973	1.8	0.	0.23	0.48	0.2	0.65	1.325	1.68
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	32	4.6	4.7	7.	4.	0.577	0.76	4.	4.	5.	5.85
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	32	4.	4.099	5.5	3.	0.287	0.536	3.429	3.724	4.475	4.869
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.305	0.8	0.25	0.03	0.174	0.25	0.25	0.25	0.745

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0210

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	9	0.28	9	4	0.44	13	3	0.23	10	2	0.20			
00400	PH	Other-Hi Lim.	9.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	32	1	0.03	9	0	0.00	13	0	0.00	10	1	0.10			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	7	0.70	3	2	0.67	4	3	0.75	3	2	0.67			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	15.	9	4	0.44	3	2	0.67	4	2	0.50	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	14	0.44	9	4	0.44	13	7	0.54	10	3	0.30			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	13	12	0.92	6	6	1.00	3	3	1.00	4	3	0.75			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0211

NPS Station ID: GWMP0211
LAT/LON: 38.841670/ -77.030281
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF HUNTER PT. NAT.AIRPORT
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 006 /006 /3C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.220
Distance from RF1: 7.20
On/Off RF1: OFF
RF3 Index: 02070010062200.00
RF3 Mile Point: 7.42
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	11.5	11.206	17.	6.5	6.377	2.525	7.7	9.25	12.25	15.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	30	1.045	0.915	2.26	0.066	0.385	0.621	0.164	0.323	1.188	1.987
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	30	0.47	0.518	0.88	0.22	0.036	0.189	0.241	0.425	0.67	0.816
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	78	0.845	0.929	3.	0.16	0.314	0.561	0.368	0.43	1.283	1.528
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.67	1.03	1.93	0.49	0.616	0.785	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0211

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00				30	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0212

NPS Station ID: GWMP0212
LAT/LON: 38.841670/ -77.056392
Agency: 1113TIWQ
Date Created: / /
Location: ARLINGTON,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 029 /029 /STP-B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 5.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004600.00
RF3 Mile Point: 0.00
Distance from RF3: 1.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0212

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0213

NPS Station ID: GWMP0213
LAT/LON: 38.841670/ -77.056392
Agency: 1113POTS
Date Created: / /
Location: ARLINGTON,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 021 /021 /STP 2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 5.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	7	12.3	9.318	14.7	0.388	34.406	5.866	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	7	7.39	7.337	12.1	3.56	9.437	3.072	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	7	17.7	16.3	19.2	11.5	7.583	2.754	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	7	31.	29.557	33.	19.5	22.886	4.784	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	7	32.18	32.099	36.76	25.59	13.111	3.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	7	1.00				7	7	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0214

NPS Station ID: GWMP0214
LAT/LON: 38.842504/ -77.104448
Agency: 112WRD
Date Created: 10/07/77
Location: LUCKY RUN AT ARLINGTON, VA
FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01652470
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 02070010059800.00
RF3 Mile Point: 0.73
Distance from RF3: 0.34
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/77-08/04/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/77-08/04/77	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/77-08/04/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/04/77-08/04/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/04/77-08/04/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/77-08/04/77	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/77-08/04/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/77-08/04/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-08/04/77	1	122.	122.	122.	122.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/77-08/04/77	1	104.	104.	104.	104.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/77-08/04/77	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0215

NPS Station ID: GWMP0215 LAT/LON: 38.842781/ -77.023893 Agency: 21DCBAWQ Date Created: 09/13/86
Location: GEISBORO POINT, DIST.OF COLUMBIA FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS31
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0092.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 5.610 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.13 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: GEISBORO POINT, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	64	16.25	15.88	30.4	0.8	85.112	9.226	3.45	6.325	24.675	27.4
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	52.455	100.	0.	2153.273	46.403	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	55	293.	295.	502.	119.	7643.	87.424	178.6	237.	348.	418.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	63	8.	8.398	13.9	0.2	9.478	3.079	4.32	6.7	10.7	12.48
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.7	7.733	8.8	7.1	0.182	0.427	7.2	7.425	7.9	8.44
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.7	7.574	8.8	7.1	0.208	0.456	7.2	7.425	7.9	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	52	0.02	0.027	0.079	0.002	0.	0.02	0.004	0.013	0.038	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	6	0.10	23	1	0.04	23	4	0.17	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	52	0	0.00	20	0	0.00	19	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	52	0	0.00	20	0	0.00	19	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	8.	11.7	20.1	7.	53.17	7.292	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.7	10.133	12.2	7.5	5.763	2.401	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.05	17.563	28.5	3.5	112.411	10.602	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	4	221.5	230.	358.	119.	13024.667	114.126	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	8.85	9.263	12.6	6.3	6.114	2.473	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	3	12.3	12.633	20.	5.6	51.923	7.206	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	3	261.	268.667	315.	230.	1850.333	43.016	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	3	10.7	10.267	12.6	7.5	6.643	2.577	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.867	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.857	8.	7.8	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.016	0.014	0.016	0.01	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	10	20.55	15.9	28.3	0.8	131.316	11.459	0.91	3.625	26.55	28.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	10	319.	352.9	502.	278.	6023.211	77.609	278.2	289.	413.25	497.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	7.35	8.22	13.8	2.4	15.208	3.9	2.67	5.4	12.95	13.76
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.85	7.89	8.8	7.2	0.323	0.569	7.21	7.375	8.375	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.847	7.626	8.8	7.2	0.401	0.633	7.21	7.375	8.375	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	10	0.014	0.024	0.063	0.002	0.001	0.022	0.002	0.004	0.042	0.062

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	12	12.	14.358	28.8	2.5	98.046	9.902	2.65	6.325	25.425	28.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	12	269.5	281.167	451.	152.	6640.697	81.49	165.8	223.	340.75	425.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	12	7.4	5.883	11.5	0.2	12.678	3.561	0.56	2.575	8.6	10.84
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.5	7.518	8.	7.1	0.076	0.275	7.14	7.3	7.7	7.98
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.5	7.446	8.	7.1	0.081	0.285	7.14	7.3	7.7	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.032	0.036	0.079	0.01	0.	0.021	0.011	0.02	0.05	0.074

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	9	20.5	18.378	30.4	5.7	61.582	7.847	5.7	12.15	24.6	30.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	374.	339.333	488.	175.	11282.25	106.218	175.	238.	418.5	488.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	9	8.8	8.311	11.2	5.5	3.786	1.946	5.5	6.45	9.9	11.2
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.656	8.1	7.2	0.075	0.274	7.2	7.5	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.6	7.581	8.1	7.2	0.082	0.286	7.2	7.5	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.025	0.026	0.063	0.008	0.	0.017	0.008	0.013	0.032	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	11	15.4	15.382	26.9	2.3	88.258	9.395	2.52	4.8	24.7	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	9	308.	297.889	346.	223.	1451.611	38.1	223.	271.	322.5	346.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	10	9.6	9.74	13.9	7.3	4.518	2.126	7.33	7.6	10.95	13.71
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.955	8.8	7.5	0.157	0.396	7.54	7.7	8.2	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.835	8.8	7.5	0.173	0.415	7.54	7.7	8.2	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.016	0.015	0.032	0.002	0.	0.009	0.002	0.006	0.02	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	8	20.45	17.113	25.3	5.7	74.844	8.651	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	7	237.	248.857	378.	181.	3729.143	61.067	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	8	7.4	8.6	12.3	5.6	7.517	2.742	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.5	7.563	8.7	7.1	0.257	0.507	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.5	7.403	8.7	7.1	0.286	0.535	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.032	0.039	0.079	0.002	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	24	24.9	24.3	30.4	15.4	14.636	3.826	17.8	21.775	26.825	28.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	19	374.	356.474	502.	237.	5746.708	75.807	238.	299.	416.	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	7.4	6.761	10.	0.2	3.379	1.838	5.26	6.	7.7	8.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	23	5.6	5.73	12.3	0.8	9.329	3.054	2.06	3.4	7.6	11.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	21	280.	273.143	488.	119.	7184.529	84.762	125.2	230.	319.	362.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	23	11.5	10.13	13.9	1.4	14.097	3.755	2.68	9.2	12.6	13.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-09/10/90	17	17.2	17.724	28.5	7.	43.226	6.575	8.6	12.2	23.95	26.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-09/10/90	15	244.	247.733	358.	152.	3588.924	59.908	165.8	192.	292.	338.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-09/10/90	17	8.5	8.271	11.2	2.4	4.512	2.124	5.52	7.1	9.95	10.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0216

NPS Station ID: GWMP0216 LAT/LON: 38.843060/ -77.047226 Agency: 11121TWQ Date Created: 04/19/80
Location: FOUR MILE RUN AT GEORGE WASHINGTON PARKWAY FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ER8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.370 Distance from RF1: 12.50 On/Off RF1: ON
RF3 Index: 02070010059403.22 RF3 Mile Point: 5.05 Distance from RF3: 1.13 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03								0&	0	0.00				
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0217

NPS Station ID: GWMP0217
LAT/LON: 38.843337/ -77.079448
Agency: 112WRD
Date Created: / /
Location: FOURMILE RUN AT ALEXANDRIA, VA
FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01652500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 02070011050401.21
RF3 Mile Point: 3.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-10/25/80	2	19.75	19.75	25.	14.5	55.125	7.425	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/52-02/05/69	4	12.	106.75	400.	3.	38254.917	195.589	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/77-10/25/80	4	62.	121.5	360.	2.	26231.	161.96	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/20/52-08/31/77	5	15.	18.8	45.	5.	247.2	15.723	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/20/52-08/24/78	6	201.	192.667	345.	15.	14593.467	120.803	**	**	**	**
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/06/79-08/06/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/06/79-09/05/79	2	3.6	3.6	7.2	0.	25.92	5.091	**	**	**	**
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/06/79-09/05/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/20/52-02/05/69	4	7.6	7.45	7.6	7.	0.09	0.3	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/20/52-02/05/69	4	7.6	7.358	7.6	7.	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/52-02/05/69	4	0.025	0.044	0.1	0.025	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/05/69-08/31/77	2	60.	60.	67.	53.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/20/52-08/31/77	5	56.	55.6	82.	31.	381.3	19.527	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/05/69-02/05/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/06/79-08/06/79	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/79-08/06/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/06/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/79-08/06/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/06/79	2	0.13	0.13	0.22	0.04	0.016	0.127	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/79-08/06/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/06/79-08/06/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/79-08/06/79	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/77-08/06/79	2	0.12	0.12	0.2	0.04	0.013	0.113	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/05/69-02/05/69	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/79-08/06/79	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/06/79-08/06/79	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/20/52-08/31/77	5	76.	76.4	110.	34.	802.8	28.334	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/20/52-08/31/77	5	39.	30.8	41.	9.	191.2	13.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/20/52-08/31/77	5	22.	23.	32.	11.	63.	7.937	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/20/52-08/31/77	5	5.2	4.56	6.9	1.6	3.943	1.986	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/20/52-08/31/77	5	7.8	12.28	25.	3.8	74.032	8.604	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/05/69-08/31/77	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	02/05/69-08/31/77	2	30.	30.	32.	28.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/20/52-08/31/77	5	3.7	3.78	5.	2.9	0.727	0.853	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/52-08/31/77	5	13.	21.2	42.	5.	252.7	15.897	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/20/52-08/31/77	5	31.	29.2	40.	15.	98.7	9.935	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/52-08/31/77	5	0.2	0.22	0.3	0.1	0.007	0.084	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/20/52-08/06/79	6	8.9	8.7	12.	4.8	5.32	2.307	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/05/69-08/31/77	2	255.	255.	400.	110.	42050.	205.061	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/79-08/06/79	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	08/06/79-08/06/79	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/31/77-08/31/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/20/52-08/31/77	5	130.	139.	211.	75.	2718.5	52.139	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/69-08/31/77	2	184.5	184.5	204.	165.	760.5	27.577	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/69-08/31/77	2	2.105	2.105	2.93	1.28	1.361	1.167	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/69-08/31/77	2	0.26	0.26	0.29	0.23	0.002	0.042	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/06/79-08/06/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/06/79-08/06/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/20/52-08/06/79	6	1.55	2.083	5.3	0.2	3.982	1.995	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/77-08/06/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71885	IRON (UG/L AS FE)	11/20/52-02/08/56	3	110.	113.333	150.	80.	1233.333	35.119	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/24/78-10/25/80	7	68.	138.714	354.	10.	21010.571	144.95	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	09/05/79-10/25/80	3	74.	133.867	319.	8.6	26775.053	163.631	**	**	**	**
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/06/79-08/06/79	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	4	0	0.00						
		Drinking Water	250.	5	0	0.00	1	0	0.00	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	4	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	2	0	0.00	4	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0218

NPS Station ID: GWMP0218 LAT/LON: 38.843615/ -77.077504 Agency: 21VASWCB Date Created: / /
Location: E. GLEBE RD. - 120 BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU001.92 /VA1A06-X0042/VA1A3X0042
RMI-Indexes: 0214001 002630 Within Park Boundary: No
RMI-Miles: 0110.62 0001.92
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 7.70 On/Off RF1:
RF3 Index: 02070010059401.70 RF3 Mile Point: 3.26 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	106	16.85	15.897	32.5	0.2	86.707	9.312	3.38	7.95	24.1	28.06
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/08/82-07/06/87	4	1.95	2.075	3.	1.4	0.649	0.806	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/08/82-11/08/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00091	FLOW, MINIMUM OF FLOW RANGE CFS	04/19/82-04/19/82	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	80	325.5	418.275	5843.	70.	418828.86	647.17	178.3	251.25	386.75	543.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	104	10.6	10.627	14.2	6.8	2.845	1.687	8.45	9.45	11.9	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	81	2.	2.432	13.	0.5	5.117	2.262	1.	1.	3.	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	81	12.	14.735	59.	0.5	121.844	11.038	4.	8.	19.5	26.8
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	107	7.8	8.031	10.	5.7	0.766	0.875	7.1	7.5	8.7	9.4
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	107	7.8	7.315	10.	5.7	1.282	1.132	7.1	7.5	8.7	9.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	107	0.016	0.048	1.995	0.	0.039	0.197	0.	0.002	0.032	0.079
00403	PH, LAB, STANDARD UNITS SU	09/19/74-07/06/87	17	7.7	7.676	9.2	6.3	0.737	0.858	6.46	6.95	8.3	9.12
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-07/06/87	17	7.7	7.062	9.2	6.3	1.138	1.067	6.46	6.95	8.3	9.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	17	0.02	0.087	0.501	0.001	0.02	0.14	0.001	0.006	0.131	0.353
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-07/06/87	17	51.	48.529	67.	23.	171.64	13.101	28.6	38.	59.5	66.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/19/74-09/19/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/15/79	5	288.	265.6	365.	178.	6490.3	80.562	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/15/79	5	44.	196.8	800.	37.	113794.7	337.335	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/15/79	5	244.	221.2	303.	140.	5230.7	72.324	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	80 ##	2.5	29.15	600.	2.5	6675.882	81.706	2.5	2.5	17.5	80.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	80 ##	2.5	4.969	28.	0.	30.388	5.513	2.5	2.5	5.	10.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	81 ##	2.5	25.432	600.	0.	6156.505	78.463	2.5	2.5	11.5	71.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	107 ##	0.05	0.082	0.4	0.05	0.006	0.077	0.05	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	107	0.02	0.022	0.16	0.005	0.001	0.023	0.005	0.01	0.03	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	93	0.8	1.048	4.95	0.025	0.602	0.776	0.304	0.5	1.5	2.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	105	0.3	0.387	1.4	0.05	0.071	0.267	0.1	0.2	0.5	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/76-05/23/79	14	1.	1.149	2.6	0.13	0.608	0.78	0.23	0.445	1.75	2.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	79 ##	0.05	0.077	0.3	0.05	0.002	0.045	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	79	0.02	0.034	0.12	0.005	0.001	0.03	0.005	0.01	0.05	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	82	6.	7.213	41.	0.5	30.994	5.567	2.	4.	9.	12.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-07/06/87	2	96.	96.	100.	92.	32.	5.657	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/82-07/06/87	2	50.	50.	58.	42.	128.	11.314	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/87-07/06/87	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	03/18/77-07/14/86	7 ##	0.5	0.714	1.	0.5	0.071	0.267	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	4 ##	2.6	4.138	10.4	0.95	18.042	4.248	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-07/14/86	8 ##	5.	4.	5.	1.	3.429	1.852	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4 ##	0.55	0.759	1.87	0.065	0.708	0.841	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	14.25	16.975	31.1	8.3	103.583	10.178	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/75-07/14/86	8 ##	5.	6.375	20.	0.5	39.339	6.272	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/15/75-07/14/86	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	4	21.95	31.	70.5	9.6	737.74	27.161	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-10/01/79	2	1275.	1275.	1800.	750.	551250.	742.462	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/15/75-07/14/86	8	20.	28.75	79.	1.	849.643	29.149	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	4	47.95	69.2	166.	14.9	4749.3	68.915	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-06/06/83	3	140.	256.667	550.	80.	65433.333	255.799	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/15/75-11/27/78	4 ##	50.	38.75	50.	5.	506.25	22.5	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/14/86	4 ##	10.	18.75	50.	5.	439.583	20.966	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	16.45	15.95	24.9	6.	82.683	9.093	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/15/75-07/14/86	8	40.	33.125	70.	5.	628.125	25.062	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	3	65.2	162.033	373.	47.9	33455.023	182.907	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	2	3.6	3.6	6.2	1.	13.52	3.677	**	**	**	**
10938	INVALID PARAMETER	04/14/81-04/14/81	1	81.8	81.8	81.8	81.8	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/08/82-02/27/84	3	4600.	3566.667	4600.	1500.	3203333.333	1789.786	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/08/82-02/27/84	3	3.663	3.501	3.663	3.176	0.079	0.281	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3166.18								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	101	400.	1563.465	8000.	50.	5754584.871	2398.872	50.	100.	2050.	5700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	101	2.602	2.643	3.903	1.699	0.552	0.743	1.699	2.	3.311	3.756
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			439.797								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	2 ##	1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/11/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	6	0.	0.025	0.1	0.	0.002	0.042	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/14/86	5	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/11/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	11/23/76-08/06/85	11	0.	0.014	0.1	0.	0.001	0.032	0.	0.	0.	0.09
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-05/23/79	27 ##	0.05	0.067	0.2	0.05	0.002	0.042	0.05	0.05	0.05	0.12
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-05/23/79	27 ##	0.02	0.051	0.7	0.005	0.017	0.132	0.005	0.005	0.05	0.056
71900	MERCURY, TOTAL (UG/L AS HG)	05/15/75-07/14/86	7 ##	0.25	0.629	1.9	0.15	0.552	0.743	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	4	0.13	0.148	0.3	0.03	0.016	0.126	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	104	0	0.00	35	0	0.00	42	0	0.00	27	0	0.00			
00400	PH	Other-Hi Lim.	9.	107	19	0.18	37	12	0.32	42	1	0.02	28	6	0.21			
		Other-Lo Lim.	6.5	107	2	0.02	37	1	0.03	42	1	0.02	28	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	17	2	0.12	10	2	0.20	1	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	17	2	0.12	10	2	0.20	1	0	0.00	6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	107	0	0.00	36	0	0.00	44	0	0.00	27	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	93	0	0.00	32	0	0.00	37	0	0.00	24	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2 &	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2 &	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	1300.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	15.	8	5	0.63	3	1	0.33	3	3	1.00	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00				3	0	0.00	1	0	0.00			
		Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	100.	4	0	0.00	3	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5000.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	3	1.00				2	2	1.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	101	69	0.68	32	21	0.66	44	30	0.68	25	18	0.72			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	1.	5	0	0.00	4	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	4	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	4	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	4	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	4	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	4	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	2.	5	0	0.00	4	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	11	2	0.18	2	2	1.00	5	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	2.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	2	17.25	17.25	28.9	5.6	271.445	16.476	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	2	11.65	11.65	12.6	10.7	1.805	1.344	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	2	8.75	8.75	10.	7.5	3.125	1.768	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	2	7.8	7.8	10.	7.5	4.931	2.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	2	0.016	0.016	0.032	0.	0.	0.022	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	2	0.445	0.445	0.5	0.39	0.006	0.078	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	2 ##	1225.	1225.	2400.	50.	2761250.	1661.701	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	2 ##	2.54	2.54	3.38	1.699	1.413	1.189	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			346.41								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	6	16.95	16.283	24.4	7.8	54.062	7.353	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	6	10.05	10.183	11.4	9.2	0.762	0.873	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	6	8.3	8.367	9.7	7.2	1.051	1.025	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	6	7.884	7.716	9.7	7.2	1.558	1.248	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	6	0.013	0.019	0.063	0.	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	6	0.57	0.788	1.599	0.27	0.329	0.574	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	6	0.2	0.25	0.4	0.2	0.007	0.084	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6 ##	50.	116.667	400.	50.	19666.667	140.238	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6 ##	1.699	1.9	2.602	1.699	0.133	0.365	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			79.37								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	5	18.9	17.34	30.6	4.4	107.348	10.361	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	5	11.9	11.26	14.2	7.4	6.718	2.592	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	6	8.	8.433	10.	7.4	1.115	1.056	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	6	8.	7.874	10.	7.4	1.49	1.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	6	0.01	0.013	0.04	0.	0.	0.015	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	6	0.01	0.015	0.04	0.005	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	5	0.61	0.836	1.789	0.5	0.289	0.538	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	6	0.2	0.217	0.4	0.1	0.014	0.117	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6	200.	950.	4800.	50.	3578000.	1891.56	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6	2.239	2.36	3.681	1.699	0.564	0.751	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			228.943								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	4	19.	16.875	28.	1.5	165.729	12.874	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	4	10.25	10.575	12.2	9.6	1.309	1.144	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	4	9.15	8.9	9.4	7.9	0.473	0.688	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	4	9.125	8.441	9.4	7.9	0.754	0.868	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	4	0.001	0.004	0.013	0.	0.	0.006	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	4	0.015	0.023	0.05	0.01	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	4	0.35	0.425	0.8	0.2	0.083	0.287	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	3 ##	50.	166.667	400.	50.	40833.333	202.073	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	3 ##	1.699	2.	2.602	1.699	0.272	0.521	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	6	17.35	16.283	32.5	1.	164.102	12.81	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	6	10.	10.383	13.4	8.4	3.266	1.807	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	6	8.15	8.317	9.8	6.9	1.342	1.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	6	7.868	7.511	9.8	6.9	2.121	1.457	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	6	0.014	0.031	0.126	0.	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	6	0.02	0.018	0.03	0.005	0.	0.009	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	6	0.4	0.408	0.8	0.05	0.076	0.276	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6	350.	1766.667	8000.	50.	9777666.667	3126.926	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	6	2.389	2.556	3.903	1.699	0.826	0.909	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			359.536								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	9	20.5	16.389	27.	1.	78.986	8.887	1.	8.5	23.5	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	6	247.5	243.333	341.	128.	8968.667	94.703	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	9	9.	9.944	13.7	7.5	4.433	2.105	7.5	8.4	11.85	13.7
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	6	2.	2.	3.	1.	0.8	0.894	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	6	14.	13.333	25.	2.	63.067	7.941	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.8	8.089	10.	7.6	0.586	0.766	7.6	7.65	8.2	10.
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.8	7.839	10.	7.6	0.656	0.81	7.6	7.65	8.2	10.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	9	0.016	0.014	0.025	0.	0.	0.009	0.	0.008	0.023	0.025
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	6	127.	172.417	600.	2.5	48329.842	219.84	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	6	7.5	10.583	24.	0.	103.842	10.19	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	6	110.	162.25	600.	2.5	49324.975	222.092	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	9 ##	0.05	0.122	0.4	0.05	0.015	0.123	0.05	0.05	0.2	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	9	0.03	0.028	0.07	0.005	0.	0.021	0.005	0.01	0.04	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	6	1.	0.967	1.3	0.5	0.083	0.288	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	9	0.2	0.256	0.5	0.1	0.015	0.124	0.1	0.2	0.35	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	5	0.04	0.047	0.11	0.005	0.002	0.039	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	6	6.5	7.667	14.	4.	12.267	3.502	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	2200.	3911.111	8000.	50.	15477986.111	3934.207	50.	75.	8000.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	3.342	3.028	3.903	1.699	0.971	0.985	1.699	1.849	3.903	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1067.637								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	10	13.6	14.88	28.	4.	83.795	9.154	4.	6.625	25.5	27.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	10	325.	422.2	1336.	178.	109682.622	331.184	182.6	287.	422.	1249.1
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	10	10.05	10.03	13.4	6.8	4.469	2.114	6.87	8.1	11.45	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	10	2.	3.3	13.	1.	14.9	3.86	1.	1.	4.	12.4
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	10	14.5	20.9	52.	9.	233.656	15.286	9.1	11.5	26.5	51.4
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.7	8.167	9.8	7.5	0.68	0.825	7.5	7.6	8.85	9.8
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.7	7.813	9.8	7.5	0.82	0.906	7.5	7.6	8.85	9.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	9	0.02	0.015	0.032	0.	0.	0.012	0.	0.002	0.025	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	10	19.5	37.1	168.	2.5	2718.933	52.143	2.5	5.125	49.5	159.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	10	5.5	7.5	28.	2.	58.667	7.659	2.05	2.5	8.5	26.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	10	12.5	30.1	140.	2.	2017.156	44.913	2.05	2.5	40.5	133.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	10 ##	0.075	0.106	0.3	0.05	0.007	0.083	0.05	0.05	0.13	0.29
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	10	0.02	0.036	0.16	0.005	0.002	0.047	0.005	0.009	0.045	0.15
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	10	0.775	1.097	2.5	0.12	0.616	0.785	0.152	0.56	1.925	2.45
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	9	0.3	0.322	0.7	0.1	0.029	0.172	0.1	0.2	0.4	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	10	0.1	0.105	0.3	0.05	0.005	0.072	0.05	0.05	0.1	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	10	0.02	0.038	0.11	0.005	0.001	0.038	0.005	0.009	0.08	0.107
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	10	10.	13.8	41.	6.	112.622	10.612	6.1	7.75	16.	39.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	300.	1255.556	3800.	50.	2667152.778	1633.142	50.	75.	3150.	3800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	2.477	2.604	3.58	1.699	0.582	0.763	1.699	1.849	3.489	3.58
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			401.438								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	11	11.6	12.991	28.9	0.4	96.617	9.829	0.48	4.	21.5	28.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	11	381.	444.091	1390.	141.	107523.491	327.908	163.8	279.	418.	1212.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	11	11.1	10.664	12.1	7.8	2.069	1.438	7.98	9.6	11.9	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	11	2.	3.273	13.	1.	12.018	3.467	1.	1.	4.	11.4
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	11	18.	17.182	46.	1.	173.764	13.182	1.4	4.	24.	42.2
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	11	7.6	8.045	9.7	6.9	1.073	1.036	6.92	7.1	8.8	9.7
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	11	7.6	7.421	9.7	6.9	1.502	1.226	6.92	7.1	8.8	9.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	11	0.025	0.038	0.126	0.	0.002	0.045	0.	0.002	0.079	0.121
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	11 ##	2.5	13.545	42.	2.5	251.123	15.847	2.5	2.5	24.	42.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	11 ##	2.5	4.682	18.	2.5	22.064	4.697	2.5	2.5	6.	15.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	11 ##	2.5	10.455	36.	2.5	142.923	11.955	2.5	2.5	24.	33.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	11 ##	0.05	0.086	0.2	0.05	0.004	0.06	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	11	0.01	0.032	0.13	0.005	0.001	0.038	0.005	0.005	0.04	0.118
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	11	0.95	1.136	2.2	0.13	0.553	0.743	0.142	0.7	2.	2.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	11	0.4	0.309	0.6	0.1	0.031	0.176	0.1	0.1	0.4	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	11	0.02	0.038	0.12	0.005	0.002	0.04	0.005	0.01	0.07	0.112
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	11	8.	9.	21.	1.	43.8	6.618	1.2	2.	13.	20.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	11	700.	2181.818	8000.	200.	8915636.364	2985.906	220.	300.	3000.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	11	2.845	2.992	3.903	2.301	0.319	0.565	2.336	2.477	3.477	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			981.339								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	11	11.	12.455	27.	0.2	81.189	9.01	0.78	4.5	19.6	26.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	10	402.	415.1	827.	143.	38719.433	196.773	146.8	289.75	549.25	799.6
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	11	10.8	10.936	13.	8.8	2.127	1.458	8.9	9.8	12.8	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	11	2.	2.364	6.	1.	2.855	1.69	1.	1.	4.	5.6
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	11	9.	11.091	25.	3.	49.491	7.035	3.4	6.	15.	24.4
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	11	7.8	7.9	8.9	7.2	0.344	0.587	7.22	7.3	8.6	8.86
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	11	7.8	7.638	8.9	7.2	0.42	0.648	7.22	7.3	8.6	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	11	0.016	0.023	0.063	0.001	0.	0.022	0.001	0.003	0.05	0.061
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	10 ##	2.5	3.3	8.	2.5	3.344	1.829	2.5	2.5	3.125	7.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	11 ##	2.5	2.682	5.	2.	0.614	0.783	2.1	2.5	2.5	4.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	11 ##	2.5	2.636	3.	2.5	0.055	0.234	2.5	2.5	3.	3.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	11 ##	0.05	0.073	0.3	0.05	0.006	0.075	0.05	0.05	0.05	0.25
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	11	0.01	0.014	0.04	0.005	0.	0.011	0.006	0.01	0.01	0.038
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	11	0.8	1.228	2.3	0.44	0.461	0.679	0.472	0.69	1.8	2.26
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	11	0.3	0.3	0.9	0.1	0.048	0.219	0.1	0.2	0.3	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	11 ##	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	11	0.03	0.032	0.06	0.005	0.	0.016	0.008	0.02	0.04	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	11	3.	4.136	9.	0.5	6.305	2.511	0.8	2.	6.	8.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	10	1050.	1730.	4500.	100.	3082333.333	1755.658	100.	250.	3375.	4500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	10	2.977	2.918	3.653	2.	0.406	0.637	2.	2.358	3.521	3.653
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			827.694								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	12	14.85	15.475	28.	5.	64.451	8.028	5.36	8.25	22.425	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	12	290.5	756.5	5843.	212.	2568271.727	1602.583	220.1	256.25	340.	4205.9
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	12	11.1	10.733	13.4	8.7	2.606	1.614	8.7	9.125	11.825	13.25
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	12	1.5	2.083	6.	1.	2.811	1.676	1.	1.	2.	5.7
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	12	13.	16.583	59.	3.	218.083	14.768	3.9	8.25	17.	49.7
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	12	7.7	7.645	8.14	7.	0.121	0.347	7.03	7.45	7.875	8.128
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	12	7.7	7.508	8.14	7.	0.141	0.376	7.03	7.45	7.875	8.128
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	12	0.02	0.031	0.1	0.007	0.001	0.029	0.007	0.013	0.036	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	12	8.	47.667	342.	2.5	9314.697	96.513	2.5	2.5	48.5	266.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	12	3.5	6.75	26.	1.	49.386	7.028	1.45	2.5	10.	21.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	12	5.5	41.75	316.	0.	8005.386	89.473	0.75	2.5	40.5	244.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	12 ##	0.05	0.117	0.4	0.05	0.013	0.115	0.05	0.05	0.138	0.37
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	12	0.02	0.018	0.05	0.005	0.	0.013	0.005	0.006	0.02	0.044
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	12	1.34	1.458	4.95	0.36	1.401	1.184	0.426	0.773	1.5	4.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	12	0.65	0.708	1.4	0.1	0.183	0.427	0.13	0.35	1.125	1.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	12	0.04	0.041	0.09	0.01	0.	0.022	0.01	0.025	0.05	0.081
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	12	7.	6.583	12.	1.	8.447	2.906	1.6	5.	8.75	11.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	12	850.	1456.667	5300.	50.	2364078.788	1537.556	95.	257.5	2500.	4550.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	12	2.929	2.888	3.724	1.699	0.34	0.583	1.88	2.384	3.393	3.641
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			772.629								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	9	14.	16.656	31.	4.	113.383	10.648	4.	6.5	28.2	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	9	313.	313.444	622.	91.	19579.028	139.925	91.	248.	336.5	622.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	8	11.3	11.263	13.2	9.8	1.877	1.37	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	9	2.	2.167	7.	0.5	3.625	1.904	0.5	1.	2.	7.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	9	8.	11.667	31.	4.	88.5	9.407	4.	5.	17.	31.
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.7	7.878	8.9	6.4	0.732	0.856	6.4	7.35	8.8	8.9
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.7	7.207	8.9	6.4	1.238	1.113	6.4	7.35	8.8	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	9	0.02	0.062	0.398	0.001	0.016	0.127	0.001	0.002	0.045	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	7.	19.	2.5	47.813	6.915	2.5	2.5	14.5	19.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	3.333	10.	2.	6.312	2.512	2.	2.5	2.75	10.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	5.333	13.	2.5	19.063	4.366	2.5	2.5	10.	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	9	0.02	0.026	0.07	0.005	0.	0.021	0.005	0.01	0.04	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	9	0.92	1.252	3.2	0.46	0.812	0.901	0.46	0.49	1.82	3.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	9	0.3	0.333	0.6	0.2	0.023	0.15	0.2	0.2	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	9 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	9	0.01	0.028	0.09	0.005	0.001	0.031	0.005	0.01	0.05	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	9	5.	5.556	12.	2.	8.778	2.963	2.	3.5	6.5	12.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	200.	858.889	5800.	50.	3469836.111	1862.75	50.	125.	500.	5800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	9	2.301	2.416	3.763	1.699	0.384	0.62	1.699	2.	2.661	3.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			260.909								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	8	23.	19.475	27.	2.	74.419	8.627	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	9	242.	242.111	481.	70.	14744.861	121.428	70.	153.	297.5	481.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	7	9.8	10.3	14.	7.6	5.263	2.294	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	9	1.	2.167	4.	0.5	2.375	1.541	0.5	1.	4.	4.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	9	12.	13.222	26.	4.	48.444	6.96	4.	7.5	18.	26.
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	8	7.65	7.756	9.1	5.7	1.242	1.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	8	7.625	6.567	9.1	5.7	2.859	1.691	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	8	0.024	0.271	1.995	0.001	0.486	0.697	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	3.444	11.	2.5	8.028	2.833	2.5	2.5	2.5	11.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	2.889	6.	2.5	1.361	1.167	2.5	2.5	2.5	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	8	0.02	0.021	0.04	0.005	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	8	0.445	0.739	2.6	0.025	0.653	0.808	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	7	0.4	0.4	0.6	0.2	0.017	0.129	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	7 ##	0.05	0.086	0.2	0.05	0.003	0.056	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	8	0.025	0.036	0.08	0.005	0.001	0.026	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	9	5.	5.444	9.	2.	4.278	2.068	2.	4.	7.	9.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	7	300.	1328.571	8000.	50.	8681547.619	2946.447	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	7	2.477	2.422	3.903	1.699	0.583	0.764	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			264.262								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	8	19.4	15.275	28.2	2.2	111.759	10.572	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	9	364.	372.556	612.	202.	13471.028	116.065	202.	294.5	431.5	612.
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	8	11.35	11.375	14.2	9.2	3.042	1.744	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	9	1.	1.889	5.	1.	2.111	1.453	1.	1.	3.	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	9	9.	13.167	31.	0.5	95.	9.747	0.5	7.	22.	31.
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.8	7.644	8.7	6.7	0.493	0.702	6.7	6.85	8.15	8.7
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	9	7.8	7.213	8.7	6.7	0.702	0.838	6.7	6.85	8.15	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	9	0.016	0.061	0.2	0.002	0.006	0.078	0.002	0.007	0.142	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	6.556	39.	2.5	148.028	12.167	2.5	2.5	2.5	39.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	3.556	12.	2.5	10.028	3.167	2.5	2.5	2.5	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	9 ##	2.5	5.222	27.	2.5	66.694	8.167	2.5	2.5	2.5	27.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	9 ##	0.05	0.089	0.4	0.05	0.014	0.117	0.05	0.05	0.05	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	9	0.02	0.024	0.06	0.005	0.	0.019	0.005	0.008	0.04	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	9	0.92	0.91	2.	0.29	0.411	0.641	0.29	0.305	1.51	2.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	9	0.4	0.461	0.8	0.05	0.06	0.245	0.05	0.3	0.7	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	9 ##	0.05	0.094	0.2	0.05	0.004	0.063	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	9	0.01	0.024	0.11	0.005	0.001	0.033	0.005	0.01	0.025	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	9	5.	5.667	10.	3.	5.75	2.398	3.	4.	8.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	8	500.	1718.75	8000.	50.	7682098.214	2771.66	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	8	2.477	2.573	3.903	1.699	0.817	0.904	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			374.401								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	5	18.	22.24	29.4	16.8	40.628	6.374	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	4	343.	328.25	359.	268.	1676.25	40.942	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	5	10.1	10.1	11.	8.8	0.89	0.943	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	4	2.	2.25	4.	1.	1.583	1.258	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	4	13.	13.	18.	8.	19.333	4.397	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	5	7.5	8.058	9.39	7.2	1.111	1.054	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	5	7.5	7.497	9.39	7.2	1.505	1.227	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	5	0.032	0.032	0.063	0.	0.001	0.031	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	4 ##	2.5	4.875	12.	2.5	22.563	4.75	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	4 ##	2.5	4.875	12.	2.5	22.563	4.75	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	4	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	4	0.57	0.511	0.88	0.025	0.129	0.359	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	4	0.6	0.675	1.2	0.3	0.149	0.386	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	4 ##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	4	0.015	0.014	0.02	0.005	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	4	5.	5.5	7.	5.	1.	1.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	3	700.	633.333	900.	300.	93333.333	305.505	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	3	2.845	2.759	2.954	2.477	0.062	0.25	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			573.879								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	37	23.	22.481	32.5	1.5	43.515	6.597	13.	20.25	27.	29.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	28	286.	267.821	503.	70.	10609.189	103.001	90.9	196.	337.75	375.5
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	35	9.3	9.449	12.1	6.8	1.397	1.182	7.68	8.7	10.2	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	28	1.5	1.75	4.	1.	0.787	0.887	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	28	12.	13.571	25.	2.	40.698	6.38	3.9	9.25	19.5	23.1
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	37	8.5	8.469	10.	5.7	0.917	0.958	7.38	7.8	9.1	9.8
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	37	8.5	7.193	10.	5.7	2.59	1.609	7.38	7.8	9.1	9.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	37	0.003	0.064	1.995	0.	0.107	0.327	0.	0.001	0.016	0.042
00403	PH, LAB, STANDARD UNITS SU	09/19/74-07/06/87	10	7.65	7.74	9.2	6.3	1.129	1.063	6.32	6.65	8.65	9.19
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-07/06/87	10	7.582	6.948	9.2	6.3	1.826	1.351	6.32	6.65	8.65	9.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	10	0.026	0.113	0.501	0.001	0.03	0.173	0.001	0.003	0.229	0.483
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-07/06/87	10	49.5	48.	67.	23.	214.444	14.644	23.7	36.75	60.75	66.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	27 ##	2.5	44.296	600.	2.5	14439.37	120.164	2.5	2.5	9.	154.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	28 ##	2.5	4.625	24.	0.	32.53	5.704	2.	2.5	3.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	28 ##	2.5	39.696	600.	2.	13582.469	116.544	2.5	2.5	5.75	129.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	36 ##	0.05	0.072	0.4	0.05	0.005	0.068	0.05	0.05	0.05	0.165
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	36	0.01	0.016	0.07	0.005	0.	0.014	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	32	0.5	0.585	1.5	0.025	0.093	0.305	0.276	0.393	0.715	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	35	0.3	0.389	1.2	0.1	0.066	0.258	0.2	0.2	0.5	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	27 ##	0.05	0.087	0.2	0.05	0.003	0.053	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	26	0.02	0.03	0.11	0.005	0.001	0.025	0.009	0.01	0.04	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	28	7.	6.964	14.	2.	8.776	2.963	3.9	5.	8.	13.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	32	400.	1917.188	8000.	50.	7620420.867	2760.511	50.	50.	3175.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	32	2.602	2.668	3.903	1.699	0.68	0.824	1.699	1.699	3.501	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			465.768								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	42	6.1	6.655	15.5	0.2	16.727	4.09	1.	3.875	9.3	13.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	31	361.	623.935	5843.	158.	1017116.462	1008.522	227.	300.	548.	1234.2
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	42	11.95	11.96	14.2	7.5	1.901	1.379	10.15	11.075	13.	13.61
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	31	2.	3.081	13.	0.5	6.968	2.64	1.	1.	4.	6.8
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	31	12.	16.629	59.	0.5	201.633	14.2	3.2	6.	24.	43.
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	42	7.6	7.545	9.4	6.4	0.265	0.515	6.9	7.275	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	42	7.6	7.292	9.4	6.4	0.331	0.575	6.9	7.275	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	42	0.025	0.051	0.398	0.	0.005	0.07	0.011	0.02	0.053	0.126
00403	PH, LAB, STANDARD UNITS SU	09/19/74-07/06/87	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-07/06/87	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-07/06/87	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	31 ##	2.5	11.016	52.	2.5	177.625	13.328	2.5	2.5	18.	35.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	31 ##	2.5	4.065	12.	1.	7.829	2.798	2.5	2.5	5.	9.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	31 ##	2.5	8.565	45.	2.5	107.229	10.355	2.5	2.5	11.	26.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	44 ##	0.05	0.089	0.4	0.05	0.006	0.079	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	44	0.02	0.02	0.07	0.005	0.	0.017	0.005	0.005	0.03	0.045
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	37	1.5	1.527	4.95	0.12	0.808	0.899	0.494	0.83	1.95	2.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	44	0.3	0.349	0.9	0.05	0.055	0.235	0.1	0.2	0.475	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	31 ##	0.05	0.069	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	31	0.03	0.037	0.11	0.005	0.001	0.028	0.01	0.01	0.05	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	31	6.	6.887	22.	0.5	31.095	5.576	1.2	2.	9.	16.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	44	300.	1192.727	8000.	50.	3811652.854	1952.345	50.	100.	1475.	3900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	44	2.477	2.586	3.903	1.699	0.466	0.683	1.699	2.	3.169	3.579
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			385.543								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-07/06/87	27	22.8	21.252	29.4	10.5	34.08	5.838	11.52	17.	27.	28.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-07/06/87	21	325.	315.286	418.	141.	5989.814	77.394	185.6	261.5	385.	409.8
00300	OXYGEN, DISSOLVED MG/L	09/19/74-07/06/87	27	10.1	10.081	12.2	7.6	1.4	1.183	8.54	9.4	11.	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-07/06/87	22	1.	2.386	13.	0.5	7.284	2.699	1.	1.	3.25	4.7
00340	COD, .25N K2CR2O7 MG/L	07/02/79-07/06/87	22	10.5	13.545	52.	3.	115.212	10.734	4.3	7.	15.75	26.7
00400	PH (STANDARD UNITS)	09/19/74-07/06/87	28	8.1	8.18	10.	6.9	0.728	0.853	7.18	7.5	8.8	9.391
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-07/06/87	28	8.1	7.628	10.	6.9	1.044	1.022	7.18	7.5	8.8	9.391
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	28	0.008	0.024	0.126	0.	0.001	0.032	0.	0.002	0.032	0.067
00403	PH, LAB, STANDARD UNITS SU	09/19/74-07/06/87	6	7.75	7.65	8.1	6.7	0.271	0.521	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/74-07/06/87	6	7.747	7.327	8.1	6.7	0.396	0.63	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-07/06/87	6	0.018	0.047	0.2	0.008	0.006	0.075	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/74-07/06/87	6	47.5	47.667	61.	33.	139.867	11.827	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-07/06/87	22 ##	3.75	36.114	342.	2.5	6151.784	78.433	2.5	2.5	39.	142.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-07/06/87	21	2.5	6.762	28.	2.	59.565	7.718	2.5	2.5	6.5	24.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-07/06/87	22	2.75	31.045	316.	0.	5112.688	71.503	2.5	2.5	24.75	121.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-07/06/87	27 ##	0.05	0.083	0.4	0.05	0.007	0.084	0.05	0.05	0.05	0.22
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	27	0.02	0.034	0.16	0.005	0.001	0.036	0.009	0.01	0.04	0.082
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-07/06/87	24	0.84	0.927	2.	0.025	0.336	0.579	0.235	0.533	1.173	1.92
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-07/06/87	26	0.4	0.448	1.4	0.05	0.105	0.324	0.2	0.2	0.6	0.95
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-07/06/87	21 ##	0.05	0.076	0.3	0.05	0.003	0.056	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-07/06/87	22	0.02	0.035	0.12	0.005	0.001	0.037	0.005	0.005	0.063	0.104
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/75-07/06/87	23	5.	7.957	41.	2.	60.134	7.755	3.	5.	9.	12.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	25	430.	1763.2	8000.	50.	6844814.333	2616.26	50.	100.	2850.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-07/06/87	25	2.633	2.712	3.903	1.699	0.574	0.758	1.699	2.	3.454	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			515.222								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0219

NPS Station ID: GWMP0219
LAT/LON: 38.844170/ -77.022227
Agency: 112WRD
Date Created: 12/02/81
Location: POTOMAC RIVER AT GEISBORO POINT
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385039077012600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.700
Distance from RF1: 1.20
On/Off RF1: ON
RF3 Index: 02070010002500.00
RF3 Mile Point: 1.77
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	10/06/79-10/06/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-09/28/83	413	28.4	26.317	34.	0.	38.183	6.179	21.14	25.8	29.3	30.3
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	80	4.95	3.779	9.5	0.	9.559	3.092	0.	0.	6.25	7.45
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-09/28/83	230	17.	12.657	72.	0.	172.122	13.12	0.	0.	24.	28.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	417	338.	343.4	512.	182.	2753.202	52.471	291.	319.5	360.	411.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-05/19/81	6	2.95	2.567	6.5	0.	5.827	2.414	**	**	**	**
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	75	0.5	0.589	4.9	0.	0.677	0.823	0.	0.	1.	1.32
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/13/80-08/26/81	35	200.	330.514	1500.	0.	158802.257	398.5	0.	20.	500.	920.
00300	OXYGEN, DISSOLVED MG/L	10/06/79-09/28/83	413	5.9	4.632	13.3	0.	14.144	3.761	0.	0.	7.5	8.7
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/20/79-08/26/81	70	0.	-0.131	0.03	-3.	0.261	0.51	0.	0.	0.	-0.177
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/20/79-08/26/81	52	9.15	8.812	15.	3.7	7.229	2.689	5.22	6.925	10.	13.7
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/20/79-08/26/81	70	5.05	5.166	10.	0.	4.561	2.136	2.53	4.1	6.425	7.39
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/20/79-08/26/81	52	3.15	2.985	7.2	0.	3.203	1.79	0.	2.2	3.975	5.41
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/29/79-08/05/80	4	0.135	0.13	0.17	0.08	0.002	0.042	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/80-09/28/83	403	7.3	7.375	8.7	6.2	0.216	0.465	6.9	7.	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	06/17/80-09/28/83	403	7.3	7.132	8.7	6.2	0.275	0.525	6.9	7.	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-09/28/83	403	0.05	0.074	0.631	0.002	0.01	0.1	0.01	0.02	0.1	0.126
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	3	1.6	2.533	6.	0.	9.653	3.107	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	4	83.5	78.	84.	61.	128.667	11.343	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	1.5	1.599	3.1	0.74	0.349	0.591	0.896	1.15	1.95	2.54
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	24	0.57	0.584	1.3	0.22	0.079	0.282	0.23	0.335	0.74	0.95
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	57	0.39	0.398	0.99	0.	0.04	0.2	0.156	0.25	0.535	0.672
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	66	0.225	0.266	1.1	0.005	0.044	0.209	0.03	0.12	0.365	0.506
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	24	0.155	0.235	0.83	0.01	0.061	0.246	0.03	0.05	0.29	0.8
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.06	0.069	0.2	0.01	0.002	0.048	0.02	0.03	0.1	0.14
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-10/06/79	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.62	0.87	2.3	0.06	0.298	0.546	0.362	0.44	1.3	1.84
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.62	0.658	1.7	0.09	0.085	0.292	0.318	0.45	0.795	0.974
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/24/79-09/28/83	65	0.2	0.248	0.95	0.	0.048	0.219	0.	0.075	0.38	0.534
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-09/28/83	66	0.81	0.867	2.	0.24	0.13	0.361	0.377	0.62	1.1	1.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-09/28/83	66	0.7	0.942	2.4	0.09	0.294	0.542	0.4	0.5	1.325	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/79-09/28/83	66	0.103	0.103	0.201	0.015	0.002	0.04	0.058	0.075	0.131	0.161
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/79-09/28/83	65	0.034	0.036	0.098	0.	0.	0.021	0.009	0.023	0.047	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	6	0.029	0.035	0.055	0.02	0.	0.016	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	41	4.9	5.144	10.	0.	3.286	1.813	3.28	4.4	6.1	7.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	31	3.1	3.271	6.5	1.5	0.769	0.877	2.54	2.9	3.6	4.28
00740	SULFITE (MG/L AS SO3)	07/22/81-07/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	6	115.	114.667	140.	88.	290.667	17.049	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	4	29.5	32.	42.	27.	47.333	6.88	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	6	33.	32.833	41.	26.	24.967	4.997	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	6	8.	8.1	9.7	5.5	2.34	1.53	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	6	16.	16.5	24.	11.	19.5	4.416	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	6	0.65	0.683	0.9	0.5	0.022	0.147	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/25/81	6	21.5	22.833	27.	21.	6.567	2.563	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	6	3.15	3.25	4.	3.	0.143	0.378	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	6	16.	17.167	30.	11.	48.167	6.94	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	6	42.5	44.167	60.	32.	88.167	9.39	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	4	0.25	0.225	0.3	0.1	0.009	0.096	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/79-09/28/83	62	4.3	4.179	7.9	0.7	3.331	1.825	1.93	2.45	5.825	6.4
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	4000.	5282.043	24700.	0.	35736880.498	5978.033	66.	770.	8400.	12840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	3.602	3.169	4.393	0.	1.332	1.154	0.887	2.886	3.924	4.108
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1475.075								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	444.	731.435	4550.	0.	1023664.53	1011.763	36.	184.	1050.	2070.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	2.647	2.446	3.658	0.	0.768	0.877	0.782	2.265	3.021	3.291
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			278.96								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/14/79-09/28/83	297	30.	31.135	78.5	0.	245.353	15.664	11.48	20.	40.7	52.68
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	11	27.2	26.264	52.9	0.	233.469	15.28	1.92	14.4	37.6	50.96
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/14/79-09/28/83	297	14.	14.017	70.6	0.	37.351	6.112	7.76	10.4	17.3	20.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/14/79-09/28/83	296	36.8	37.624	85.5	3.2	275.138	16.587	16.81	27.075	48.475	60.3
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	11	18.4	15.155	23.4	2.1	49.427	7.03	2.8	7.2	19.9	22.86
32230	CHLOROPHYLL A (MG/L)	07/24/79-10/06/79	11	0.038	0.037	0.07	0.004	0.	0.019	0.006	0.022	0.053	0.067
60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	46	17000.	17612.826	50000.	790.	100786411.836	10039.244	7140.	10375.	21250.	29300.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/81-08/25/81	2	148.5	148.5	297.	0.	44104.5	210.011	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	6	173.5	176.5	222.	134.	854.3	29.228	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/25/81-07/25/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	8	0.24	0.23	0.4	0.	0.013	0.113	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	13	21.	22.108	46.	8.4	101.984	10.099	8.64	15.	27.	40.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	28	2.755	3.903	17.1	0.52	14.508	3.809	0.7	1.385	4.7	9.999
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	22	21.75	24.864	81.	16.	186.004	13.638	16.65	17.5	27.	35.65
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	22	16.	18.545	71.	9.	160.831	12.682	9.95	12.625	20.5	27.2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	9	0.4	0.484	1.	0.01	0.155	0.394	0.01	0.125	0.95	1.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	58	0.29	0.344	1.4	0.01	0.08	0.283	0.039	0.15	0.493	0.671
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-08/26/81	56	2.7	3.469	8.8	0.3	4.881	2.209	1.37	1.9	5.2	7.22
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-08/26/81	58	0.16	0.222	0.66	0.03	0.027	0.165	0.07	0.1	0.33	0.463
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/24/79-09/28/83	53	18.	19.17	65.	5.	79.221	8.901	10.	14.	22.	28.
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	51	0.16	0.176	0.48	0.	0.014	0.12	0.	0.1	0.3	0.328
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	70	0.14	0.14	0.24	0.	0.003	0.054	0.071	0.11	0.17	0.21
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/20/79-08/26/81	70	0.	0.114	2.2	0.	0.157	0.396	0.	0.	0.	0.252
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/20/79-08/26/81	48	5.05	4.916	13.7	0.	14.251	3.775	0.018	1.7	7.825	10.13
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-08/26/81	15	380.	4124.	46000.	230.	141735568.571	11905.275	230.	230.	740.	25000.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-08/26/81	15	2.58	2.764	4.663	2.362	0.467	0.683	2.362	2.362	2.869	4.29
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			580.592								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-08/26/81	15	2400.	3366.667	9300.	2100.	5779523.81	2404.064	2220.	2300.	2400.	9120.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-08/26/81	15	3.38	3.463	3.968	3.322	0.046	0.214	3.346	3.362	3.38	3.96
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			2906.179								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	5	24.	22.26	41.	4.4	297.958	17.261	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	413	148	0.36	375	148	0.39	16	0	0.00	22	0	0.00			
00400	PH	Other-Hi Lim.	9.	403	0	0.00	365	0	0.00	16	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	403	16	0.04	365	16	0.04	16	0	0.00	22	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	20	0.87	18	16	0.89	4	3	0.75	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1979 - Station GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	14	285.5	272.786	355.	182.	4186.643	64.704	182.	182.	331.25	345.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	244	337.	340.283	493.	261.	1302.739	36.093	299.	326.25	349.	361.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	120	326.5	340.55	512.	201.	4644.922	68.154	261.1	296.	404.25	419.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GWMP0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	39	390.	397.026	462.	355.	954.92	30.902	365.	376.	419.	445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0220

NPS Station ID: GWMP0220
Location: FROM DAM
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: POTOMAC RIVER
Minor Basin: BARCRAFT LAKE 100 YDS UP
RF1 Index: 02070010042
RF3 Index: 02070010004705.13
Description:

LAT/LON: 38.844170/ -77.143616
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 6.950
RF3 Mile Point: 5.13

Agency: 1113VABD
FIPS State/County: 51059 VIRGINIA/FAIRFAX
STORET Station ID(s): LBA 001 /BARCROFT LAK
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.11

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0220

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0221

NPS Station ID: GWMP0221 LAT/LON: 38.844448/ -77.065003 Agency: 21VASWCB Date Created: / /
Location: ARLINGTON RIDGE ROAD BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU001.19 /VA1A07-X0041/VA1A3X0041
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059401.70 RF3 Mile Point: 2.53 Distance from RF3: 0.02 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: GWMP0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	32	18.05	17.484	31.1	4.4	69.012	8.307	6.85	9.325	24.575	29.07
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	32	9.8	9.916	16.4	6.4	4.309	2.076	7.26	8.25	11.4	12.2
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.5	7.95	10.	6.1	0.942	0.971	7.	7.325	8.9	9.5
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.5	7.239	10.	6.1	1.464	1.21	7.	7.325	8.9	9.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	32	0.032	0.058	0.794	0.	0.02	0.14	0.	0.001	0.048	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/30/72-01/30/72	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.1	0.525	9.	0.05	2.553	1.598	0.05	0.05	0.2	1.387
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.01	0.029	0.3	0.005	0.003	0.055	0.005	0.005	0.03	0.085
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	31	1.039	1.801	24.69	0.02	18.422	4.292	0.108	0.59	1.599	2.073
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	32	0.4	0.766	7.	0.2	1.444	1.202	0.2	0.3	0.8	1.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.1	5.	0.5	4.05	2.012	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10 ##	5.	7.	20.	5.	23.333	4.83	5.	5.	6.25	19.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10	10.	13.	40.	5.	123.333	11.106	5.	5.	20.	38.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	10.	39.444	210.	5.	4340.278	65.881	5.	10.	45.	210.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10	20.	31.5	140.	5.	1639.167	40.487	5.	5.	40.	130.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	150.	1460.	19000.	50.	13058689.655	3613.681	50.	50.	925.	3780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	2.151	2.423	4.279	1.699	0.619	0.787	1.699	1.699	2.956	3.577
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			264.638								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	32 ##	0.05	0.178	2.	0.05	0.137	0.37	0.05	0.05	0.088	0.54
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	32	0.05	0.118	1.	0.01	0.035	0.187	0.023	0.05	0.1	0.27
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	32	8	0.25	9	3	0.33	13	1	0.08	10	4	0.40			
		Other-Lo Lim.	6.5	32	1	0.03	9	1	0.11	13	0	0.00	10	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	31	1	0.03	9	0	0.00	13	1	0.08	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	3	0.30	3	1	0.33	4	1	0.25	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	1	0.11	3	1	0.33	4	0	0.00	2	0	0.00			
		Drinking Water	15.	9	3	0.33	3	1	0.33	4	1	0.25	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	1	0.10	3	1	0.33	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	29 &	14	0.48	7	5	0.71	12	4	0.33	10	5	0.50			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0222

NPS Station ID: GWMP0222
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.2 /P-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 7.00
On/Off RF1: OFF
RF3 Index: 02070010062200.00
RF3 Mile Point: 2.16
Distance from RF3: 0.34
On/Off RF3:
Description:
TRANSECT STATION LOCATED 99 FEET OPPOSITE DISCHARGE OF BLUE PLAINS

Parameter Inventory for Station: GWMP0222

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0223

NPS Station ID: GWMP0223
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P3
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.3 /P-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED 200 FEET FROM DISCHARGE AT BLUE PLAINS

Parameter Inventory for Station: GWMP0223

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0224

NPS Station ID: GWMP0224
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.4 /P-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EDGE OF CHANNEL

Parameter Inventory for Station: GWMP0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0225

NPS Station ID: GWMP0225
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P5
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.5 /P-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THE MID-SLOPE OF THE CHANNEL

Parameter Inventory for Station: GWMP0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0226

NPS Station ID: GWMP0226
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P55
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.55 /P-55
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT BASE OF CHANNEL SLOPE

Parameter Inventory for Station: GWMP0226

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0227

NPS Station ID: GWMP0227
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.6 /P-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0228

NPS Station ID: GWMP0228
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P7
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.7 /P-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT NORTH EDGE OF PIER AT NRL

Parameter Inventory for Station: GWMP0228

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0229

NPS Station ID: GWMP0229
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.8 /P-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THE MIDDLE OF THE NRL PIER

Parameter Inventory for Station: GWMP0229

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0230

NPS Station ID: GWMP0230
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.9 /P-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0230

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0231

NPS Station ID: GWMP0231 LAT/LON: 38.846115/ -77.096671 Agency: 21VASWCB Date Created: 02/27/93
Location: WALTER REED DRIVE (CITY OF ALEXANDRIA) FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU003.06
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	09/05/74-01/05/76	2	10.6	10.6	12.8	8.4	9.68	3.111	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/05/74-01/05/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/05/74-01/05/76	2 ##	5.	5.	8.	2.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/74-01/05/76	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/74-01/05/76	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/74-01/05/76	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/05/74-01/05/76	2	7.1	7.1	7.4	6.8	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/74-01/05/76	2	7.004	7.004	7.4	6.8	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/74-01/05/76	2	0.099	0.099	0.158	0.04	0.007	0.084	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/74-01/05/76	2	53.	53.	57.	49.	32.	5.657	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/05/76-01/05/76	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/05/76-01/05/76	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/05/76-01/05/76	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/05/76-01/05/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/05/76-01/05/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/05/74-01/05/76	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/05/74-01/05/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/74-01/05/76	2	1.5	1.5	2.3	0.7	1.28	1.131	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-01/05/76	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/74-01/05/76	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/74-01/05/76	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/05/74-01/05/76	2	7.	7.	11.	3.	32.	5.657	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-09/05/74	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-01/05/76	2	34.	34.	49.	19.	450.	21.213	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-01/05/76	2 ##	125.	125.	200.	50.	11250.	106.066	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-01/05/76	2 ##	2.	2.	2.301	1.699	0.181	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50	1	0	0.00	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0232

NPS Station ID: GWMP0232
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.1 /J-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.20
Distance from RF3: 0.13
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0232

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0233

NPS Station ID: GWMP0233
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J15
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.15 /J-15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 30 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0233

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0234

NPS Station ID: GWMP0234
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.2 /J-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED MID-CHANNEL OF POTOMAC MAIN STEM

Parameter Inventory for Station: GWMP0234

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0235

NPS Station ID: GWMP0235
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.4 /J-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MIDDLE OF SAND BAR

Parameter Inventory for Station: GWMP0235

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0236

NPS Station ID: GWMP0236
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.6 /J-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE RED AND BLUE "CAN"

Parameter Inventory for Station: GWMP0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0237

NPS Station ID: GWMP0237
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J7
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.7 /J-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE HAINS POINT

Parameter Inventory for Station: GWMP0237

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0238

NPS Station ID: GWMP0238
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.8 /J-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 19
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET WEST OF BOUY

Parameter Inventory for Station: GWMP0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0239

NPS Station ID: GWMP0239
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J85
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.85 /J-85
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE WAR COLLEGE

Parameter Inventory for Station: GWMP0239

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0240

NPS Station ID: GWMP0240
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J9
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.9 /J-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE OF WASHINGTON CHANNE

Parameter Inventory for Station: GWMP0240

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0241

NPS Station ID: GWMP0241 LAT/LON: 38.850281/ -77.022504 Agency: 21DCBAWQ Date Created: 09/13/86
Location: HAINS POINT, WASH., D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS29
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0092.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 3.15 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: HAINS POINT, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	439	23.4	20.086	30.8	0.	57.109	7.557	8.7	14.5	26.	28.1
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	42	15.	44.333	100.	0.	2185.984	46.755	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	99	0.7	0.762	2.4	0.	0.171	0.413	0.3	0.5	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	395	298.	308.01	523.	104.	8282.34	91.007	192.6	246.	373.	439.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	437	7.	7.168	13.9	0.1	6.207	2.491	4.78	5.9	8.75	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	67	1.3	1.478	3.6	0.5	0.645	0.803	0.5	1.	2.	2.64
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	400	7.5	7.579	8.9	6.6	0.16	0.4	7.2	7.3	7.7	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	400	7.5	7.446	8.9	6.6	0.178	0.421	7.2	7.3	7.7	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	400	0.032	0.036	0.251	0.001	0.001	0.026	0.008	0.02	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	109	74.	71.624	102.	0.	274.57	16.57	46.	62.	84.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	79	11.	18.456	187.	2.	799.867	28.282	4.	6.	20.	27.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	112	0.076	0.108	0.685	0.	0.011	0.105	0.02	0.041	0.142	0.233
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	111	0.018	0.036	0.247	0.005	0.002	0.046	0.005	0.011	0.039	0.082
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	111	1.32	1.345	3.62	0.02	0.246	0.496	0.786	1.09	1.63	1.868
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	75	0.591	0.628	2.47	0.1	0.132	0.363	0.23	0.434	0.751	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	71	0.076	0.081	0.395	0.008	0.003	0.054	0.033	0.05	0.092	0.138
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	70	0.038	0.042	0.108	0.004	0.001	0.024	0.013	0.024	0.056	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	104	0.019	0.023	0.085	0.004	0.	0.019	0.004	0.004	0.034	0.053
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	55	3.6	4.525	19.3	1.4	11.499	3.391	2.02	2.6	5.1	7.14
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	70	3.6	3.68	7.5	1.1	2.019	1.421	1.72	2.675	4.55	5.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	105	120.	119.714	180.	60.	678.725	26.052	88.	100.	137.	156.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/14/83	6	35.5	41.667	67.	26.	309.067	17.58	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	46	2.35	2.207	5.5	0.2	1.422	1.192	0.5	1.1	3.3	3.43
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	20 ##	2.5	2.425	2.5	1.	0.113	0.335	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	20 ##	5.	5.25	10.	2.5	1.908	1.381	5.	5.	5.	7.25
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	20 ##	11.25	9.075	14.	5.	14.744	3.84	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	20	357.	602.95	2212.	144.	299909.945	547.64	150.4	267.5	718.25	1613.3
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	21 ##	25.	24.452	36.	2.5	31.048	5.572	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	19	23.	126.447	1590.	2.5	127587.358	357.194	5.	10.	87.	148.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	35	1300.	9392.571	160000.	20.	779953043.193	27927.639	146.	270.	6200.	14600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	35	3.114	3.193	5.204	1.301	0.697	0.835	2.155	2.431	3.792	4.161

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1560.12								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	195.	1084.944	24000.	10.	15867604.683	3983.416	20.	50.	652.5	1760.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	2.286	2.252	4.38	1.	0.577	0.76	1.301	1.699	2.811	3.245
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			178.624								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	780.	1084.	2220.	320.	593480.	770.377	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.892	2.94	3.346	2.505	0.11	0.331	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			870.098								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3500.	12800.	31400.	800.	221285000.	14875.651	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.544	3.725	4.497	2.903	0.503	0.709	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			5302.995								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	34	4.5	8.338	30.	0.	71.359	8.447	0.5	2.	12.75	24.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	34	8.	11.838	50.	0.	178.253	13.351	0.5	1.75	17.	33.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	20 ##	0.1	0.115	0.3	0.1	0.002	0.049	0.1	0.1	0.1	0.19
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	110	15.	27.6	522.	4.	3044.462	55.177	7.	10.	23.	52.8

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EPA Water Quality Criteria Analysis for Station: GWMP0241

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	437	36	0.08	233	7	0.03	69	14	0.20	135	15	0.11			
00400	PH	Other-Hi Lim.	9.	400	0	0.00	215	0	0.00	59	0	0.00	126	0	0.00			
		Other-Lo Lim.	6.5	400	0	0.00	215	0	0.00	59	0	0.00	126	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	111	0	0.00	45	0	0.00	34	0	0.00	32	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	111	0	0.00	45	0	0.00	34	0	0.00	32	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	21	0	0.00	9	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	15.	2 &	1	0.50				2	1	0.50						
01092	ZINC, TOTAL	Fresh Acute	120.	19	2	0.11	8	2	0.25	6	0	0.00	5	0	0.00			
		Drinking Water	5000.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	35	22	0.63	13	10	0.77	14	8	0.57	8	4	0.50			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	18	0.50	14	5	0.36	14	9	0.64	8	4	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	5	1.00	3	3	1.00				2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	110	11	0.10	43	2	0.05	34	4	0.12	33	5	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	11	19.2	14.982	19.9	6.4	39.236	6.264	6.52	7.	19.7	19.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	5	0.7	0.6	0.9	0.1	0.12	0.346	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	6	199.5	244.	498.	104.	20918.	144.631	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	11	7.7	8.909	12.1	7.2	3.483	1.866	7.26	7.6	10.2	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	6	1.2	1.333	2.5	0.5	0.675	0.821	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	6	7.1	7.083	7.4	6.8	0.046	0.214	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	6	7.1	7.041	7.4	6.8	0.048	0.219	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	6	0.079	0.091	0.158	0.04	0.002	0.043	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	6	74.	69.	90.	44.	388.4	19.708	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	0.109	0.208	0.685	0.042	0.058	0.242	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	0.011	0.029	0.075	0.005	0.001	0.033	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	6	1.44	1.605	3.62	0.17	1.257	1.121	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6	0.571	0.52	0.777	0.1	0.051	0.225	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	0.1	0.123	0.243	0.074	0.004	0.064	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	6	0.06	0.061	0.107	0.037	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	6	0.043	0.045	0.082	0.024	0.	0.02	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	6	4.95	5.083	7.5	2.8	3.118	1.766	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	6	13.	38.667	162.	9.	3673.467	60.609	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	31	26.	22.697	28.2	3.6	54.152	7.359	9.94	14.5	28.	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	7	0.6	0.643	1.6	0.2	0.206	0.454	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	11	218.	222.727	357.	119.	4273.218	65.37	125.6	173.	275.	342.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	31	6.7	7.258	13.	4.7	4.827	2.197	4.9	5.3	9.5	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.3	1.4	2.6	0.5	0.549	0.741	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	15	7.4	7.407	7.9	6.6	0.112	0.335	6.9	7.2	7.7	7.84
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	15	7.4	7.266	7.9	6.6	0.133	0.365	6.9	7.2	7.7	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	15	0.04	0.054	0.251	0.013	0.003	0.059	0.015	0.02	0.063	0.148
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	6	69.	69.	90.	44.	378.8	19.463	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	0.064	0.098	0.301	0.022	0.008	0.09	0.022	0.029	0.149	0.301
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	0.012	0.016	0.036	0.005	0.	0.012	0.005	0.008	0.028	0.036
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	1.51	1.458	2.16	0.75	0.243	0.493	0.75	1.025	1.865	2.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	9	0.366	0.467	0.926	0.22	0.06	0.244	0.22	0.252	0.655	0.926
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	9	0.078	0.085	0.145	0.046	0.001	0.03	0.046	0.067	0.106	0.145
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	9	0.032	0.036	0.108	0.013	0.001	0.03	0.013	0.016	0.044	0.108
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	9	0.022	0.025	0.085	0.004	0.001	0.025	0.004	0.004	0.032	0.085
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	4	2.65	2.6	3.8	1.3	1.127	1.061	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	8	91.	103.	140.	78.	726.857	26.96	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	7	22.	29.286	66.	7.	563.238	23.733	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	22	18.7	16.073	19.1	5.5	15.873	3.984	12.	12.	19.	19.07
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	4	0.7	0.625	0.7	0.4	0.022	0.15	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	22	280.	329.364	443.	239.	7594.909	87.149	258.	261.	441.	442.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	22	7.	8.332	12.6	5.9	5.074	2.252	6.2	6.55	11.	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3	1.1	1.067	1.1	1.	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	17	7.7	7.665	8.1	7.5	0.032	0.18	7.5	7.5	7.8	7.86

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Annual Analysis for 1985 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	17	7.7	7.633	8.1	7.5	0.034	0.183	7.5	7.5	7.8	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	17	0.02	0.023	0.032	0.008	0.	0.008	0.014	0.016	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	4	71.	76.	100.	62.	306.667	17.512	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.118	0.116	0.208	0.02	0.009	0.096	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.033	0.034	0.059	0.011	0.001	0.026	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	1.595	1.55	1.79	1.22	0.064	0.253	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	4	0.626	0.629	0.818	0.447	0.044	0.209	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	4	0.083	0.094	0.145	0.066	0.001	0.035	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	4	0.045	0.05	0.074	0.038	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	4	0.034	0.037	0.062	0.018	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	3.	3.2	5.5	1.1	4.87	2.207	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	4	119.	125.	160.	102.	662.667	25.742	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	4	16.5	25.25	54.	14.	368.917	19.207	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	73	24.6	22.689	29.6	0.8	43.017	6.559	14.6	20.25	27.5	29.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	16	0.8	1.006	2.4	0.5	0.342	0.585	0.57	0.6	1.1	2.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	73	368.	384.137	523.	219.	7372.925	85.866	286.	308.5	472.5	507.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	73	6.2	6.763	13.8	2.3	3.531	1.879	5.2	5.7	7.5	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12	2.1	1.783	3.1	0.5	0.872	0.934	0.5	0.625	2.45	3.01
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	73	7.5	7.673	8.9	7.1	0.232	0.482	7.24	7.4	8.1	8.52
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	73	7.5	7.494	8.9	7.1	0.265	0.514	7.24	7.4	8.1	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	73	0.032	0.032	0.079	0.001	0.	0.022	0.003	0.008	0.04	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	19	78.	77.263	92.	58.	107.649	10.375	60.	70.	86.	90.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.096	0.1	0.272	0.	0.007	0.086	0.02	0.02	0.142	0.264
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.03	0.057	0.182	0.005	0.003	0.053	0.015	0.019	0.086	0.17
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	1.09	1.167	2.02	0.27	0.263	0.513	0.59	0.76	1.63	2.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	19	0.796	0.788	2.47	0.271	0.23	0.479	0.369	0.434	0.899	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	18	0.055	0.059	0.102	0.026	0.	0.022	0.026	0.044	0.083	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	18	0.027	0.026	0.057	0.004	0.	0.016	0.005	0.015	0.04	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	18 ##	0.004	0.01	0.038	0.004	0.	0.01	0.004	0.004	0.016	0.029
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	2.55	3.175	6.7	1.5	2.92	1.709	1.5	1.75	4.75	6.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	19	132.	137.368	180.	94.	504.023	22.45	100.	128.	156.	172.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	19	12.	12.053	20.	5.	22.053	4.696	5.	8.	17.	18.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	88	18.8	18.266	29.	2.5	67.637	8.224	7.	9.45	26.	28.11
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	18	0.75	0.789	1.4	0.1	0.123	0.351	0.28	0.575	0.975	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	88	253.5	270.33	461.	148.	7427.994	86.186	151.	196.25	320.	406.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	87	6.7	5.586	11.	0.1	10.932	3.306	0.38	2.3	8.7	9.62
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.	1.622	3.1	1.	0.772	0.879	1.	1.	2.5	3.1
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	84	7.45	7.636	8.7	7.	0.224	0.473	7.2	7.3	8.	8.55
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	84	7.447	7.458	8.7	7.	0.255	0.505	7.2	7.3	8.	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	84	0.036	0.035	0.1	0.002	0.001	0.025	0.003	0.01	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	76.	74.6	98.	40.	249.305	15.789	45.	66.	88.5	93.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.062	0.082	0.231	0.02	0.005	0.068	0.02	0.02	0.122	0.219
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.017	0.035	0.16	0.005	0.002	0.045	0.005	0.006	0.042	0.148

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Annual Analysis for 1987 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	1.405	1.301	2.16	0.02	0.23	0.48	0.783	0.933	1.665	1.779
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6 ##	0.165	0.542	2.11	0.1	0.629	0.793	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	0.051	0.115	0.395	0.024	0.021	0.144	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	5	0.044	0.049	0.076	0.032	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	20	0.014	0.017	0.054	0.004	0.	0.014	0.004	0.004	0.028	0.032
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.5	3.642	7.	1.4	2.688	1.64	1.64	2.325	4.775	6.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	115.	119.7	168.	70.	631.695	25.134	92.4	102.5	146.5	153.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	13.5	46.8	522.	4.	13208.379	114.928	7.	8.5	18.75	114.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	70	23.5	21.173	30.8	0.	64.692	8.043	9.2	13.65	27.325	30.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	16	0.7	0.681	1.2	0.1	0.116	0.341	0.17	0.35	1.025	1.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	70	384.	357.829	518.	165.	5905.333	76.846	253.1	275.5	417.25	423.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	69	6.3	6.826	13.9	4.	3.86	1.965	4.7	5.5	8.75	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.85	2.	3.6	0.5	0.943	0.971	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	60	7.4	7.445	8.1	7.1	0.038	0.195	7.21	7.3	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	60	7.4	7.408	8.1	7.1	0.039	0.199	7.21	7.3	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	60	0.04	0.039	0.079	0.008	0.	0.015	0.02	0.032	0.05	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	19	70.	71.842	94.	36.	293.807	17.141	42.	64.	88.	90.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.062	0.134	0.452	0.02	0.021	0.145	0.02	0.027	0.223	0.416
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.022	0.056	0.247	0.005	0.005	0.072	0.005	0.015	0.065	0.224
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	1.29	1.408	3.08	0.74	0.318	0.564	0.822	0.988	1.755	2.079
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	2	0.347	0.347	0.464	0.229	0.028	0.166	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	16	0.016	0.016	0.035	0.004	0.	0.01	0.004	0.005	0.022	0.032
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	4.45	4.167	5.	3.1	0.608	0.78	3.1	3.225	4.925	5.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	19	122.	125.474	174.	60.	1020.819	31.95	66.	112.	150.	168.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	19	14.	27.684	156.	4.	1285.45	35.853	4.	12.	25.	72.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	68	24.5	20.637	27.1	2.6	48.357	6.954	11.36	15.2	25.8	26.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	18	0.7	0.744	1.5	0.3	0.114	0.338	0.39	0.475	1.	1.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	57	291.	277.86	348.	194.	1773.623	42.114	215.	238.5	303.	344.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	68	8.	8.326	13.5	6.	2.264	1.505	6.19	7.5	9.4	10.41
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12	1.1	1.033	1.7	0.5	0.197	0.444	0.5	0.5	1.375	1.67
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	68	7.7	7.69	8.6	7.2	0.071	0.267	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	68	7.7	7.623	8.6	7.2	0.076	0.275	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	68	0.02	0.024	0.063	0.003	0.	0.012	0.01	0.016	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	72.	70.5	94.	44.	191.526	13.839	50.2	56.5	81.5	87.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.062	0.063	0.128	0.02	0.001	0.032	0.02	0.043	0.079	0.122
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.012	0.015	0.055	0.005	0.	0.013	0.005	0.005	0.018	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	1.26	1.272	1.67	0.89	0.041	0.201	0.95	1.16	1.42	1.65
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	14	0.627	0.636	1.	0.37	0.024	0.154	0.431	0.512	0.737	0.875
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	12	0.059	0.062	0.106	0.008	0.001	0.032	0.013	0.036	0.095	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	12	0.043	0.047	0.094	0.005	0.001	0.027	0.009	0.029	0.069	0.091
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	18	0.024	0.031	0.061	0.004	0.	0.019	0.007	0.017	0.052	0.055

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Annual Analysis for 1989 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.1	3.267	5.6	1.7	1.039	1.019	1.91	2.6	3.875	5.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	118.	114.3	144.	76.	346.221	18.607	90.	96.5	129.	139.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	15.5	16.8	33.	5.	91.747	9.578	6.	8.	26.	31.8

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Annual Analysis for 1990 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	76	23.85	19.036	27.5	0.5	55.368	7.441	5.9	12.9	25.3	26.03
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	15	0.7	0.72	1.7	0.	0.189	0.435	0.06	0.6	1.	1.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	68	246.	261.574	406.	178.	3548.487	59.569	181.9	227.25	307.	347.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	76	7.7	8.018	12.8	4.8	4.854	2.203	5.84	6.2	10.2	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.6	1.356	2.5	0.5	0.52	0.721	0.5	0.5	1.85	2.5
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	77	7.5	7.488	8.8	6.9	0.179	0.424	7.18	7.2	7.6	7.72
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	77	7.5	7.362	8.8	6.9	0.196	0.442	7.18	7.2	7.6	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	77	0.032	0.043	0.126	0.002	0.001	0.027	0.019	0.025	0.063	0.066
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	15	66.	62.667	102.	0.	508.952	22.56	27.6	54.	74.	92.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	14	0.135	0.14	0.268	0.05	0.004	0.066	0.056	0.081	0.184	0.255
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	14	0.022	0.025	0.073	0.005	0.	0.016	0.009	0.016	0.029	0.056
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	14	1.35	1.413	2.07	1.01	0.088	0.296	1.05	1.168	1.638	1.905
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	15	0.665	0.629	0.865	0.311	0.021	0.143	0.378	0.548	0.742	0.804
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	15	0.09	0.09	0.178	0.05	0.001	0.033	0.055	0.061	0.11	0.146
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	15	0.053	0.049	0.096	0.011	0.001	0.023	0.016	0.03	0.067	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	13	0.037	0.036	0.068	0.004	0.	0.021	0.004	0.021	0.051	0.067
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	9	4.	4.011	5.4	2.9	0.586	0.766	2.9	3.35	4.5	5.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	15	102.	104.8	158.	86.	333.029	18.249	87.2	92.	114.	135.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	15	22.	31.4	156.	10.	1247.4	35.319	12.4	15.	28.	87.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	234	24.95	24.091	30.8	14.6	17.17	4.144	17.45	21.775	27.125	28.85
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	38	0.7	0.674	1.1	0.1	0.039	0.198	0.4	0.575	0.8	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	205	368.	363.332	523.	179.	6448.321	80.301	240.2	302.	418.5	472.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	233	6.6	6.657	10.	0.1	2.446	1.564	5.2	5.7	7.5	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	21	1.8	1.914	3.6	1.	0.518	0.72	1.04	1.25	2.4	3.08
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	215	7.4	7.47	8.5	6.9	0.069	0.263	7.16	7.3	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	215	7.4	7.4	8.5	6.9	0.074	0.272	7.16	7.3	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	215	0.04	0.04	0.126	0.003	0.	0.022	0.013	0.025	0.05	0.07
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	42	83.	80.214	102.	46.	166.416	12.9	62.6	71.5	90.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	29	12.	15.448	85.	2.	225.042	15.001	5.	7.	19.	24.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	45	0.128	0.153	0.685	0.	0.017	0.129	0.02	0.063	0.218	0.299
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	45	0.051	0.067	0.247	0.005	0.004	0.06	0.011	0.026	0.08	0.164
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	45	1.23	1.322	3.62	0.02	0.415	0.644	0.746	0.855	1.62	2.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	28	0.738	0.724	1.1	0.494	0.02	0.142	0.527	0.596	0.801	0.906
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	27	0.084	0.082	0.178	0.04	0.001	0.03	0.045	0.059	0.092	0.116
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	27	0.039	0.045	0.107	0.004	0.001	0.027	0.015	0.028	0.065	0.094
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	43	0.02	0.025	0.082	0.004	0.	0.022	0.004	0.004	0.041	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	17	4.2	3.912	6.7	1.6	2.475	1.573	1.68	2.6	5.05	6.46
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	24	4.15	4.142	7.	1.3	2.399	1.549	2.05	2.85	5.075	6.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	42	135.	134.81	180.	78.	553.963	23.536	97.2	119.5	152.5	166.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	17	1.5	2.041	5.5	0.4	1.823	1.35	0.56	0.95	2.9	3.98
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	9 ##	10.	9.056	14.	5.	15.84	3.98	5.	5.	12.5	14.
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	9	372.	591.333	2212.	190.	395788.	629.117	190.	282.	647.5	2212.
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	13	2300.	4201.538	17000.	220.	28086347.436	5299.655	224.	685.	6250.	15400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	13	3.362	3.271	4.23	2.342	0.395	0.628	2.35	2.736	3.78	4.184
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1866.839								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	14	80.	264.286	1900.	10.	240980.22	490.897	15.	35.	255.	1195.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	14	1.903	1.994	3.279	1.	0.383	0.619	1.151	1.527	2.401	2.984
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.522								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	9 ##	0.1	0.133	0.3	0.1	0.005	0.071	0.1	0.1	0.15	0.3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	43	16.	21.186	156.	5.	533.393	23.095	9.	13.	21.	32.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	70	8.4	8.123	16.4	0.	14.887	3.858	2.81	5.725	9.825	12.19
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	31	1.	0.974	2.4	0.1	0.329	0.573	0.24	0.6	1.2	1.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	61	257.	258.885	465.	104.	4098.537	64.02	192.2	232.5	289.	319.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	69	9.7	8.854	13.9	1.2	14.007	3.743	2.3	7.4	12.05	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	30	1.	1.1	3.1	0.5	0.547	0.74	0.5	0.5	1.35	2.46
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	59	7.8	7.792	8.8	6.8	0.255	0.505	7.2	7.4	8.1	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	59	7.8	7.551	8.8	6.8	0.314	0.56	7.2	7.4	8.1	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	59	0.016	0.028	0.158	0.002	0.001	0.03	0.002	0.008	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	34	70.	68.765	92.	44.	161.458	12.707	50.	61.	76.	88.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	28	6.	14.214	103.	2.	451.804	21.256	2.	5.	13.	35.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	35	0.048	0.061	0.231	0.02	0.002	0.049	0.02	0.02	0.078	0.133
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	34	0.011	0.012	0.031	0.005	0.	0.007	0.005	0.005	0.017	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	34	1.605	1.532	2.16	0.89	0.114	0.338	0.94	1.3	1.77	2.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	26	0.417	0.382	0.733	0.1	0.031	0.177	0.1	0.23	0.496	0.616
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	25	0.052	0.071	0.243	0.024	0.003	0.05	0.026	0.038	0.088	0.145
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	24	0.037	0.041	0.108	0.011	0.	0.022	0.015	0.028	0.055	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	30	0.018	0.024	0.085	0.004	0.	0.018	0.004	0.014	0.032	0.045

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	26	3.7	4.608	15.8	1.4	12.888	3.59	2.15	2.4	5.3	9.82
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	30	3.1	3.337	7.5	1.1	2.023	1.422	1.5	2.275	4.	5.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	30	116.	117.067	174.	86.	503.375	22.436	88.4	101.5	130.	149.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	17	2.5	2.347	3.6	0.5	1.346	1.16	0.5	1.1	3.4	3.52
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	6 ##	2.5	2.25	2.5	1.	0.375	0.612	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	6 ##	5.	5.417	10.	2.5	6.042	2.458	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	6 ##	12.5	10.	12.5	5.	15.	3.873	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	6	313.	477.667	1193.	144.	149679.467	386.884	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	7 ##	25.	23.357	36.	2.5	101.393	10.069	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	14	1200.	7540.714	54000.	110.	201161884.066	14183.155	140.	422.5	10375.	33500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	14	3.078	3.263	4.732	2.041	0.666	0.816	2.136	2.603	4.012	4.423
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1830.399								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	14	500.	687.714	3300.	10.	774823.912	880.241	25.	77.	790.	2500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	14	2.699	2.458	3.519	1.	0.493	0.702	1.301	1.885	2.898	3.374
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			287.247								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	34	11.	21.	162.	4.	873.394	29.553	4.5	7.	20.	57.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	135	21.3	19.347	28.2	7.	45.827	6.77	9.9	13.	25.9	27.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	30	0.6	0.653	1.4	0.	0.117	0.342	0.12	0.375	0.925	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	129	252.	243.326	357.	148.	3027.487	55.023	152.	194.	297.	309.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	135	7.7	7.19	10.8	0.2	6.936	2.634	2.4	6.1	9.4	10.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	16	1.6	1.613	2.8	0.5	0.52	0.721	0.5	1.	2.275	2.66
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	126	7.5	7.666	8.9	6.6	0.223	0.473	7.2	7.3	7.8	8.63
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	126	7.5	7.486	8.9	6.6	0.256	0.506	7.2	7.3	7.8	8.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	126	0.032	0.033	0.251	0.001	0.001	0.028	0.002	0.016	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	33	66.	63.636	90.	0.	375.614	19.381	40.8	49.	78.	87.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	22	14.5	27.818	187.	4.	1961.68	44.291	5.3	8.	21.25	102.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	32	0.079	0.094	0.422	0.02	0.007	0.086	0.02	0.025	0.118	0.19
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	32	0.016	0.018	0.038	0.005	0.	0.009	0.005	0.012	0.026	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	32	1.225	1.178	1.68	0.27	0.092	0.304	0.742	0.988	1.41	1.507
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	21	0.668	0.805	2.47	0.228	0.297	0.545	0.295	0.513	0.896	1.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	19	0.079	0.094	0.395	0.008	0.006	0.08	0.026	0.059	0.106	0.141
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	19	0.039	0.038	0.084	0.005	0.001	0.025	0.005	0.016	0.055	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	31	0.018	0.021	0.054	0.004	0.	0.016	0.004	0.004	0.03	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.6	5.217	19.3	1.9	22.438	4.737	2.05	2.75	6.45	15.67
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	3.65	3.631	5.6	1.7	1.12	1.058	2.12	2.875	4.475	5.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	33	102.	102.909	146.	60.	443.023	21.048	72.4	89.	118.	130.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	12	2.55	2.242	3.3	0.2	1.132	1.064	0.41	1.25	3.225	3.3
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	5 ##	5.	5.5	7.5	5.	1.25	1.118	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	5 ##	5.	8.	12.5	5.	16.875	4.108	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	5	720.	774.2	1660.	146.	385391.2	620.799	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	8	795.	21068.75	160000.	20.	3153896812.5	56159.566	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	8	2.866	2.945	5.204	1.301	1.382	1.176	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			881.177								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	8	180.	3216.25	24000.	20.	70597598.214	8402.238	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	8	2.238	2.343	4.38	1.301	1.031	1.015	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			220.339								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	33	18.	42.758	522.	7.	8430.939	91.82	8.	10.	28.	100.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0242

NPS Station ID: GWMP0242 LAT/LON: 38.850560/ -77.022504 Agency: 21DCBAWQ Date Created: 10/28/86
Location: HAINS POINT NORTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA27
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: HAINS POINT NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	67	18.	16.6	32.1	2.4	80.327	8.963	4.	8.	25.3	27.46
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	65	290.	300.2	534.	103.	7115.475	84.353	211.	235.5	353.	431.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	64	8.2	8.212	12.5	0.3	6.797	2.607	5.2	6.525	10.3	11.7
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	60	7.5	7.583	8.8	6.7	0.191	0.437	7.1	7.3	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	60	7.5	7.407	8.8	6.7	0.222	0.472	7.1	7.3	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	60	0.032	0.039	0.2	0.002	0.001	0.036	0.006	0.016	0.05	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	4	0.06	24	0	0.00	21	3	0.14	19	1	0.05			
00400	PH	Other-Hi Lim.	9.	60	0	0.00	23	0	0.00	19	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	60	0	0.00	23	0	0.00	19	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.	11.767	19.3	8.	42.563	6.524	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	201.	229.333	384.	103.	20342.333	142.627	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	16.2	16.075	28.8	4.	86.979	9.326	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	267.5	248.333	353.	130.	6388.267	79.927	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.7	7.58	7.9	7.	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.7	7.444	7.9	7.	0.15	0.388	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.02	0.036	0.1	0.013	0.001	0.036	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.5	19.913	28.3	5.6	66.784	8.172	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	268.	276.25	345.	234.	1913.929	43.748	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.8	7.757	8.2	7.3	0.09	0.299	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.8	7.67	8.2	7.3	0.098	0.314	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.016	0.021	0.05	0.006	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.9	17.89	27.7	5.1	73.597	8.579	5.17	7.975	25.425	27.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	333.	356.1	476.	258.	6514.767	80.714	260.8	290.5	451.5	474.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.56	8.3	6.8	0.216	0.465	6.83	7.25	7.95	8.28
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.354	8.3	6.8	0.263	0.513	6.83	7.25	7.95	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.032	0.044	0.158	0.005	0.002	0.046	0.005	0.011	0.057	0.151

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	12	12.35	14.533	29.1	2.4	94.655	9.729	2.61	6.55	25.6	28.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	12	274.	288.833	434.	208.	5212.515	72.198	210.1	220.75	338.25	416.9
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	12	7.45	7.425	8.2	6.7	0.149	0.386	6.82	7.125	7.7	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	12	7.447	7.272	8.2	6.7	0.175	0.418	6.82	7.125	7.7	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	12	0.036	0.053	0.2	0.006	0.003	0.052	0.01	0.02	0.075	0.163

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	18.25	17.75	32.1	4.	86.936	9.324	4.22	10.025	25.125	31.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	351.5	342.3	534.	213.	10876.678	104.291	213.7	227.5	417.25	523.6
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.66	8.7	7.1	0.298	0.546	7.11	7.35	7.85	8.69
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.468	8.7	7.1	0.339	0.582	7.11	7.35	7.85	8.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.032	0.034	0.079	0.002	0.001	0.024	0.002	0.019	0.046	0.078

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	12.1	13.433	27.4	2.4	108.87	10.434	2.4	2.75	24.5	27.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	9	303.	316.	462.	252.	3871.25	62.219	252.	274.	335.5	462.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.8	7.789	8.8	7.2	0.294	0.542	7.2	7.25	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.8	7.56	8.8	7.2	0.352	0.594	7.2	7.25	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	9	0.016	0.028	0.063	0.002	0.001	0.025	0.002	0.006	0.057	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.3	19.614	26.6	6.1	64.688	8.043	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	236.	261.571	356.	183.	4254.286	65.225	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.343	7.6	7.1	0.04	0.199	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.304	7.6	7.1	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.05	0.05	0.079	0.025	0.001	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	25	26.	24.548	32.1	16.2	16.094	4.012	18.36	21.1	27.2	28.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	345.	342.4	476.	229.	4511.75	67.17	250.4	285.	384.	440.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	24	7.15	7.35	12.	5.4	2.175	1.475	5.75	6.2	8.	9.35
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.5	7.53	8.7	7.	0.151	0.389	7.1	7.3	7.7	8.06
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.5	7.405	8.7	7.	0.168	0.409	7.1	7.3	7.7	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	23	0.032	0.039	0.1	0.002	0.001	0.026	0.009	0.02	0.05	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	6.1	6.352	13.5	2.4	9.408	3.067	2.52	4.	8.	11.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	23	258.	284.826	534.	103.	10711.241	103.495	150.8	220.	344.	459.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	10.3	9.59	12.5	1.9	9.754	3.123	2.82	9.1	11.7	12.28
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.5	7.605	8.8	6.8	0.223	0.472	7.1	7.3	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.5	7.411	8.8	6.8	0.262	0.512	7.1	7.3	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.032	0.039	0.158	0.002	0.001	0.037	0.005	0.016	0.05	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	19	18.4	18.547	28.8	9.1	35.646	5.97	9.5	14.3	23.9	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	17	251.	258.941	353.	183.	2035.309	45.114	207.	222.	297.5	313.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	19	8.2	7.779	11.	0.3	6.768	2.602	4.6	6.	9.6	10.6
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.5	7.628	8.6	6.7	0.224	0.474	7.06	7.275	7.95	8.33
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.5	7.405	8.6	6.7	0.277	0.526	7.06	7.275	7.95	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.032	0.039	0.2	0.003	0.002	0.046	0.005	0.011	0.053	0.091

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0243

NPS Station ID: GWMP0243 | LAT/LON: 38.850560/ -77.022504 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: POTOMAC CONFLUENCE G.R. D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): ANA29
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010026 | RF1 Mile Point: 6.120 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002900.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.14 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: POTOMAC CONFLUENCE D.C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	303	23.1	20.005	31.6	0.	59.348	7.704	6.8	15.	26.	27.8
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	50	50.	52.32	100.	0.	2251.977	47.455	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	69	0.7	0.774	2.4	0.1	0.144	0.379	0.4	0.6	0.9	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	274	296.5	302.445	533.	103.	7372.959	85.866	191.	238.	361.5	428.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	296	7.35	7.262	14.2	1.6	5.589	2.364	4.07	6.025	8.775	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	74	1.55	1.754	4.4	0.5	0.885	0.941	0.5	1.1	2.5	3.
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	264	7.5	7.501	8.9	6.5	0.182	0.426	7.	7.2	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	264	7.5	7.323	8.9	6.5	0.213	0.462	7.	7.2	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	264	0.032	0.048	0.316	0.001	0.002	0.046	0.01	0.02	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	77	72.	72.312	120.	38.	300.638	17.339	49.2	60.	86.5	92.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	59	12.	15.203	139.	2.	367.475	19.17	2.	6.	17.	29.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	77	0.078	0.105	0.326	0.02	0.008	0.088	0.02	0.02	0.158	0.237
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	78	0.019	0.031	0.127	0.005	0.001	0.028	0.005	0.012	0.043	0.073
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	78	1.32	1.329	2.69	0.11	0.23	0.48	0.797	1.06	1.61	1.881
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	57	0.575	0.573	1.26	0.	0.063	0.251	0.247	0.396	0.758	0.874
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	55	0.067	0.072	0.302	0.	0.002	0.046	0.026	0.05	0.087	0.115
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	53	0.04	0.04	0.106	0.	0.001	0.025	0.007	0.021	0.056	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	73	0.022	0.023	0.072	0.	0.	0.017	0.004	0.006	0.033	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	57	3.5	3.656	13.3	0.5	3.481	1.866	1.7	2.55	4.35	5.54
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	73	3.2	3.171	7.8	0.5	1.448	1.203	1.94	2.4	4.05	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	75	106.	104.453	192.	8.	1750.278	41.836	33.6	82.	133.	162.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	3	32.	43.667	67.	32.	408.333	20.207	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	43	2.4	2.226	3.6	0.3	1.279	1.131	0.54	1.2	3.4	3.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	18 ##	5.	5.806	16.	2.5	8.916	2.986	4.75	5.	5.	11.5
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	18 ##	8.	8.667	12.5	5.	14.353	3.789	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	18	472.5	525.583	1050.	186.	80001.125	282.845	204.	273.25	786.75	1024.8
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	18	20.5	33.722	134.	0.	1257.742	35.465	5.4	9.75	43.75	101.6
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	3	2900.	6066.667	13000.	2300.	36143333.333	6011.933	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/11/83-12/15/83	3	3.462	3.646	4.114	3.362	0.167	0.408	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4426.119								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	31	230.	855.419	7900.	10.	2836775.785	1684.273	50.	80.	490.	2940.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	31	2.362	2.415	3.898	1.	0.43	0.656	1.699	1.903	2.69	3.465
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			259.977								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	4	2650.	6965.	22000.	560.	103252900.	10161.343	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	4	3.317	3.431	4.342	2.748	0.508	0.713	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2697.862								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/15/86	30	4.	7.45	27.	0.	61.747	7.858	0.5	0.5	15.25	20.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/15/86	30	10.5	12.9	48.	0.5	167.766	12.952	0.5	2.	19.25	31.8
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	78	15.	21.321	174.	2.	728.818	26.997	7.	10.75	20.25	35.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	296	29	0.10	146	5	0.03	40	6	0.15	110	18	0.16			
00400	PH	Other-Hi Lim.	9.	264	0	0.00	124	0	0.00	41	0	0.00	99	0	0.00			
		Other-Lo Lim.	6.5	264	1	0.00	124	0	0.00	41	1	0.02	99	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	78	0	0.00	27	0	0.00	30	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	78	0	0.00	27	0	0.00	30	0	0.00	21	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	1	0.06	8	1	0.13	5	0	0.00	5	0	0.00			
		Drinking Water	5000.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	17	0.55	12	8	0.67	12	6	0.50	7	3	0.43			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	78	4	0.05	27	0	0.00	31	2	0.06	20	2	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	19.5	16.613	19.6	8.	28.264	5.316	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	3	0.5	0.4	0.6	0.1	0.07	0.265	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	211.	232.333	383.	103.	19941.333	141.214	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	7.95	8.675	11.8	7.9	2.119	1.456	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	3	2.3	2.1	2.5	1.5	0.28	0.529	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	3	6.8	6.767	6.9	6.6	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	3	6.8	6.748	6.9	6.6	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	3	0.158	0.179	0.251	0.126	0.004	0.065	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	3	70.	67.333	90.	42.	581.333	24.111	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	3	14.	19.667	39.	6.	296.333	17.214	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	3	0.09	0.156	0.299	0.078	0.015	0.124	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	3	0.016	0.029	0.067	0.005	0.001	0.033	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	3	1.48	1.803	2.69	1.24	0.604	0.777	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	3	0.471	0.505	0.721	0.323	0.04	0.201	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	3	0.12	0.172	0.302	0.093	0.013	0.114	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	3	0.048	0.048	0.05	0.045	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	5.7	5.8	6.3	5.4	0.21	0.458	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	4.1	3.067	4.6	0.5	5.003	2.237	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	3	16.	63.333	162.	12.	7305.333	85.471	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	28	26.1	20.911	28.7	0.5	76.561	8.75	5.35	14.325	28.15	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	8	0.7	0.65	0.8	0.3	0.031	0.177	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	224.	229.125	355.	120.	6605.839	81.276	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	27	7.5	6.73	13.8	2.3	11.551	3.399	2.6	3.5	9.6	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	8	1.85	1.825	2.9	0.5	0.668	0.817	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	14	7.8	7.586	8.4	6.5	0.203	0.45	6.75	7.375	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	14	7.8	7.311	8.4	6.5	0.284	0.533	6.75	7.375	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	14	0.016	0.049	0.316	0.004	0.006	0.081	0.01	0.016	0.042	0.208
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	9	78.	76.667	100.	50.	376.	19.391	50.	57.	95.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	7	15.	22.286	56.	4.	344.905	18.572	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	0.13	0.145	0.326	0.022	0.013	0.114	0.022	0.047	0.246	0.326
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	0.017	0.025	0.062	0.005	0.	0.02	0.005	0.009	0.043	0.062
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	1.45	1.41	1.79	0.85	0.099	0.314	0.85	1.14	1.665	1.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	8	0.472	0.518	0.87	0.244	0.05	0.225	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.068	0.081	0.163	0.057	0.001	0.035	0.057	0.059	0.097	0.163
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	8	0.022	0.027	0.072	0.004	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	4	2.65	3.4	6.3	2.	3.967	1.992	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	4	2.35	2.825	4.6	2.	1.429	1.195	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	9	82.	95.111	162.	26.	1784.111	42.239	26.	70.	133.	162.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	9	16.	26.111	78.	15.	432.361	20.793	15.	15.	32.	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	40	25.7	22.065	28.2	5.5	38.955	6.241	12.3	18.325	26.25	27.69
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	9	0.8	0.756	1.	0.4	0.035	0.188	0.4	0.6	0.9	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	40	302.5	298.475	350.	232.	1939.23	44.037	238.	254.25	342.75	349.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	40	7.6	7.693	12.3	5.3	3.116	1.765	5.41	6.15	9.325	9.99

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Annual Analysis for 1985 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	1.8	1.656	2.7	0.5	0.693	0.832	0.5	0.75	2.35	2.7
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	25	7.7	7.544	8.1	6.6	0.188	0.434	6.7	7.6	7.8	7.84
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	25	7.7	7.273	8.1	6.6	0.265	0.515	6.7	7.6	7.8	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	25	0.02	0.053	0.251	0.008	0.005	0.073	0.015	0.016	0.026	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	7	70.	71.286	90.	58.	137.571	11.729	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	9	9.	8.889	20.	2.	26.861	5.183	2.	5.	11.	20.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9 ##	0.02	0.096	0.277	0.02	0.012	0.108	0.02	0.02	0.216	0.277
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	0.023	0.029	0.068	0.005	0.	0.021	0.005	0.013	0.049	0.068
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	1.31	1.301	1.74	0.87	0.076	0.275	0.87	1.095	1.49	1.74
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	9	0.642	0.629	0.952	0.401	0.051	0.225	0.401	0.417	0.875	0.952
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.085	0.081	0.11	0.053	0.	0.018	0.053	0.065	0.094	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.021	0.026	0.054	0.004	0.	0.017	0.004	0.014	0.039	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	3.1	2.967	5.5	0.5	2.928	1.711	0.5	1.3	4.3	5.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	2.8	2.411	4.3	0.5	1.686	1.299	0.5	1.2	3.4	4.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	8	109.	110.375	138.	82.	546.268	23.372	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	7	14.	12.	17.	5.	19.333	4.397	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	51	21.4	20.459	28.6	1.9	45.486	6.744	9.2	16.7	25.4	27.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	10	0.7	0.71	1.3	0.1	0.121	0.348	0.14	0.5	1.025	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	50	363.	363.54	490.	237.	6002.866	77.478	285.1	291.	460.75	487.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	49	6.8	7.133	12.2	5.3	2.366	1.538	5.6	6.15	7.7	8.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	11	2.7	2.555	4.4	0.5	1.373	1.172	0.6	1.5	3.3	4.26
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	50	7.5	7.736	8.9	6.8	0.289	0.538	7.1	7.375	8.2	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	50	7.5	7.488	8.9	6.8	0.352	0.593	7.1	7.375	8.2	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	50	0.032	0.033	0.158	0.001	0.001	0.031	0.002	0.006	0.042	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	13	76.	70.231	90.	40.	315.359	17.758	41.6	53.5	86.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	11	9.	9.273	17.	2.	25.418	5.042	2.4	5.	14.	17.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.123	0.124	0.25	0.02	0.009	0.096	0.02	0.02	0.228	0.245
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.023	0.04	0.103	0.005	0.001	0.033	0.008	0.017	0.073	0.097
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	1.02	0.978	1.95	0.11	0.409	0.64	0.122	0.26	1.588	1.872
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	12	0.621	0.646	0.959	0.361	0.043	0.207	0.37	0.45	0.852	0.939
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	12	0.055	0.056	0.076	0.033	0.	0.014	0.035	0.046	0.069	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	11 ##	0.004	0.013	0.041	0.004	0.	0.014	0.004	0.004	0.024	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	3.2	3.5	5.8	1.6	1.496	1.223	1.69	2.9	4.25	5.65
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	3.05	2.908	4.4	1.	1.034	1.017	1.18	2.125	3.425	4.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	13	36.	62.231	180.	8.	3369.692	58.049	12.8	20.	106.	173.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	13	12.	16.077	48.	7.	112.244	10.595	7.8	10.	20.	37.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	57	16.1	16.988	29.9	2.4	77.98	8.831	6.8	7.6	26.	26.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	10	0.8	0.82	1.6	0.1	0.231	0.48	0.11	0.5	1.125	1.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	57	218.	256.684	443.	138.	8512.363	92.262	140.	204.	335.	441.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	57	7.5	6.591	10.9	1.6	8.059	2.839	2.28	3.15	9.05	9.62
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	1.6	1.65	3.1	0.5	0.672	0.82	0.5	1.125	2.275	2.98
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	57	7.3	7.335	8.	6.6	0.104	0.323	7.	7.	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	57	7.3	7.222	8.	6.6	0.117	0.343	7.	7.	7.6	7.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	57	0.05	0.06	0.251	0.01	0.002	0.046	0.016	0.025	0.1	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	12	79.	76.5	100.	52.	275.182	16.589	53.8	60.	90.75	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	5	6.	32.2	139.	2.	3581.2	59.843	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12 ##	0.033	0.08	0.224	0.02	0.006	0.08	0.02	0.02	0.148	0.22
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.018	0.029	0.125	0.005	0.001	0.034	0.005	0.005	0.041	0.102
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	1.415	1.485	2.42	0.77	0.214	0.463	0.821	1.195	1.848	2.267
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	4	0.31	0.369	0.756	0.1	0.079	0.281	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	4	0.044	0.068	0.149	0.036	0.003	0.054	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	12	0.021	0.021	0.05	0.	0.	0.014	0.001	0.006	0.029	0.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	5	2.1	2.44	4.7	1.5	1.678	1.295	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	2.75	2.925	5.	1.5	1.122	1.059	1.65	2.075	3.6	4.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	112.	114.25	170.	60.	1152.386	33.947	63.	92.75	141.5	167.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	12	13.5	28.25	174.	7.	2173.477	46.621	7.6	10.	19.5	133.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	43	22.1	21.1	31.6	0.	61.795	7.861	9.28	14.7	28.1	30.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	10	0.7	0.83	2.4	0.2	0.353	0.595	0.22	0.55	0.85	2.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	43	378.	348.349	533.	174.	8283.709	91.015	191.	292.	413.	428.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	43	6.3	7.267	14.	3.7	6.234	2.497	4.54	5.3	9.5	10.46
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	10	1.9	2.05	3.6	0.5	1.189	1.091	0.57	1.2	3.025	3.58
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	43	7.4	7.516	8.6	7.2	0.119	0.346	7.24	7.3	7.6	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	43	7.4	7.432	8.6	7.2	0.127	0.356	7.24	7.3	7.6	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	43	0.04	0.037	0.063	0.003	0.	0.016	0.01	0.025	0.05	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	12	77.	77.	120.	38.	534.909	23.128	39.8	64.5	90.	114.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	3	10.	13.667	29.	2.	192.333	13.868	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	11	0.057	0.075	0.258	0.02	0.006	0.078	0.02	0.02	0.12	0.24
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.019	0.032	0.094	0.005	0.001	0.03	0.005	0.007	0.055	0.087
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	1.325	1.264	1.92	0.39	0.217	0.465	0.504	0.873	1.593	1.911
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	2	0.358	0.358	0.512	0.203	0.048	0.218	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	10	0.02	0.016	0.026	0.004	0.	0.01	0.004	0.004	0.025	0.026
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	3.6	4.167	5.4	3.5	1.143	1.069	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	3.6	3.617	5.4	2.1	0.8	0.894	2.25	2.875	4.075	5.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	117.	128.417	192.	70.	1181.72	34.376	79.3	107.	160.5	185.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	12	13.	19.083	72.	2.	362.811	19.048	2.9	9.75	21.75	61.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	33	23.7	19.727	27.6	2.3	66.256	8.14	2.8	18.4	25.	27.42
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	12	0.75	0.85	1.3	0.5	0.099	0.315	0.5	0.55	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	31	293.	303.581	437.	205.	2541.052	50.409	253.6	269.	336.	360.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	29	7.5	7.959	12.2	3.1	5.363	2.316	4.1	7.2	9.1	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	1.4	1.283	2.4	0.5	0.412	0.642	0.5	0.5	1.775	2.22
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	29	7.6	7.621	8.5	6.8	0.158	0.398	7.1	7.35	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	29	7.6	7.447	8.5	6.8	0.189	0.435	7.1	7.35	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	29	0.025	0.036	0.158	0.003	0.001	0.038	0.005	0.016	0.045	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	12	74.	72.167	90.	50.	160.333	12.662	50.6	64.5	81.5	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	12	12.5	13.	24.	4.	24.364	4.936	5.5	9.5	16.	21.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.081	0.082	0.142	0.02	0.002	0.042	0.02	0.056	0.126	0.142

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	0.017	0.031	0.127	0.01	0.001	0.036	0.011	0.013	0.026	0.113
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	12	1.29	1.299	1.88	0.8	0.112	0.335	0.824	1.053	1.525	1.859
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	10	0.579	0.505	0.868	0.	0.102	0.319	0.	0.263	0.77	0.863
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.016	0.042	0.132	0.	0.002	0.049	0.	0.	0.083	0.132
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	11	0.026	0.026	0.052	0.004	0.	0.017	0.005	0.01	0.041	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	3.65	4.1	13.3	1.7	9.1	3.017	1.79	2.575	4.125	10.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	3.35	3.542	7.8	2.2	2.354	1.534	2.23	2.425	4.05	6.72
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	112.	114.833	134.	86.	251.242	15.851	89.	103.	131.5	134.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	13	13.	14.923	32.	7.	60.744	7.794	7.	8.	21.	29.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	43	23.1	20.707	26.9	0.5	45.064	6.713	11.1	17.6	25.5	26.22
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	7	0.7	0.914	1.5	0.6	0.145	0.38	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	42	244.	266.738	375.	178.	3597.857	59.982	195.5	227.	344.5	360.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	43	7.2	7.498	14.2	4.2	3.841	1.96	5.4	6.1	8.5	10.16
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	1.1	1.133	2.3	0.5	0.35	0.592	0.5	0.5	1.45	2.3
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	43	7.3	7.349	8.4	6.9	0.084	0.291	6.94	7.2	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	43	7.3	7.266	8.4	6.9	0.092	0.303	6.94	7.2	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	43	0.05	0.054	0.126	0.004	0.001	0.033	0.025	0.032	0.063	0.116
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	9	58.	61.778	82.	38.	201.444	14.193	38.	54.	77.	82.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	9	17.	15.778	25.	2.	66.944	8.182	2.	9.	23.5	25.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	0.115	0.131	0.314	0.02	0.007	0.085	0.02	0.079	0.173	0.314
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	0.019	0.026	0.069	0.005	0.	0.02	0.005	0.012	0.039	0.069
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	9	1.37	1.501	2.66	1.14	0.229	0.478	1.14	1.18	1.615	2.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	9	0.62	0.702	1.26	0.506	0.054	0.232	0.506	0.563	0.777	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.078	0.075	0.112	0.037	0.001	0.025	0.037	0.054	0.098	0.112
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.029	0.03	0.067	0.	0.001	0.023	0.	0.006	0.051	0.067
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	4.2	3.867	4.8	2.7	0.51	0.714	2.7	3.2	4.4	4.8
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	3.4	3.711	4.8	2.7	0.519	0.72	2.7	3.2	4.35	4.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	9	100.	110.667	180.	78.	1078.	32.833	78.	89.	132.	180.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	9	20.	20.333	29.	9.	39.25	6.265	9.	16.	26.	29.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	150	25.7	24.702	31.6	16.1	12.815	3.58	18.91	23.1	27.025	28.38
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	25	0.7	0.688	0.9	0.2	0.023	0.151	0.5	0.6	0.8	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	137	351.	351.869	490.	188.	5149.144	71.758	241.4	302.5	398.5	446.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	146	6.3	6.651	10.7	2.3	2.043	1.429	5.21	5.8	7.6	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	26	2.4	2.212	3.7	0.5	0.675	0.821	1.07	1.375	2.7	3.33
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	124	7.4	7.38	8.6	6.6	0.108	0.329	7.	7.2	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	124	7.4	7.263	8.6	6.6	0.122	0.349	7.	7.2	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	124	0.04	0.055	0.251	0.003	0.002	0.045	0.02	0.025	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	27	82.	81.037	100.	54.	151.883	12.324	60.	76.	90.	95.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	18	13.5	16.111	56.	4.	134.458	11.596	5.8	9.	20.	28.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	26	0.158	0.155	0.314	0.02	0.009	0.094	0.02	0.073	0.228	0.284
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	27	0.054	0.057	0.125	0.017	0.001	0.026	0.024	0.04	0.072	0.096
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	27	1.14	1.254	2.69	0.15	0.355	0.596	0.694	0.86	1.47	2.468
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	19	0.815	0.772	1.26	0.346	0.043	0.206	0.444	0.642	0.892	0.959
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	19	0.082	0.079	0.132	0.	0.001	0.029	0.044	0.068	0.095	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	19	0.046	0.045	0.099	0.	0.001	0.025	0.017	0.024	0.064	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	27	0.017	0.022	0.067	0.004	0.	0.019	0.004	0.004	0.034	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	20	4.05	3.78	5.8	1.7	1.499	1.224	2.	3.1	4.625	5.67
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	27	3.5	3.459	5.	1.9	0.822	0.906	2.24	2.5	4.2	4.64
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	26	131.5	121.923	180.	20.	1678.954	40.975	51.2	100.25	153.	165.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	15	1.5	1.773	3.6	0.3	1.401	1.183	0.48	0.8	3.4	3.54
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	280.	1206.667	7900.	50.	5189987.879	2278.154	50.	130.	1150.	6460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	2.44	2.561	3.898	1.699	0.455	0.675	1.699	2.114	3.047	3.776
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			364.079								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	27	15.	16.481	38.	5.	39.952	6.321	10.8	13.	19.	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	43	6.2	6.672	12.5	0.	13.984	3.74	1.94	3.1	8.7	12.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	27	0.8	0.911	2.4	0.1	0.262	0.512	0.26	0.5	1.3	1.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	42	255.5	271.833	533.	103.	7301.752	85.45	191.9	210.25	307.25	418.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	40	10.05	9.605	14.2	2.	11.528	3.395	3.03	9.075	12.1	12.59
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	29	1.2	1.331	4.4	0.5	0.817	0.904	0.5	0.5	1.55	2.6
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	41	7.6	7.559	8.5	6.5	0.193	0.439	6.88	7.2	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	41	7.6	7.323	8.5	6.5	0.25	0.5	6.88	7.2	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	41	0.025	0.048	0.316	0.003	0.004	0.064	0.01	0.016	0.063	0.139
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	30	67.	68.167	120.	38.	391.178	19.778	42.2	52.	80.5	96.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	24	6.	10.375	39.	2.	104.332	10.214	2.	2.5	13.75	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	30	0.06	0.079	0.321	0.02	0.005	0.071	0.02	0.02	0.103	0.17
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	30	0.013	0.016	0.127	0.005	0.	0.022	0.005	0.005	0.017	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	30	1.59	1.49	1.95	0.11	0.206	0.454	0.908	1.303	1.803	1.908
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	24	0.409	0.4	0.799	0.	0.037	0.192	0.05	0.33	0.509	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	22	0.05	0.066	0.302	0.	0.004	0.066	0.002	0.035	0.082	0.148
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	21	0.04	0.04	0.106	0.	0.001	0.029	0.001	0.021	0.057	0.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	27	0.024	0.025	0.072	0.	0.	0.017	0.003	0.011	0.037	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	23	3.5	3.496	6.3	0.5	2.21	1.487	1.64	2.4	3.9	5.98
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	28	3.	2.946	4.6	0.5	1.203	1.097	1.49	2.225	3.75	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	28	108.	100.857	192.	8.	1923.979	43.863	29.6	82.	120.	171.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	16	2.85	2.675	3.5	0.5	0.779	0.883	1.13	2.225	3.4	3.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	235.	894.833	4900.	50.	2109069.424	1452.264	58.4	80.	1397.5	4120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	2.332	2.484	3.69	1.699	0.432	0.657	1.757	1.903	3.095	3.592
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			304.974								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	31	12.	21.065	162.	2.	902.129	30.035	7.	9.	21.	45.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	110	18.4	18.811	28.7	6.8	39.6	6.293	9.48	14.6	24.125	26.19
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	17	0.7	0.682	1.4	0.1	0.1	0.317	0.18	0.5	0.95	1.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	95	250.	244.705	355.	138.	3430.189	58.568	140.	205.	291.	323.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	110	7.6	7.223	11.3	1.6	5.769	2.402	2.6	6.575	9.1	9.79
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	19	1.7	1.774	3.6	0.5	0.79	0.889	0.5	1.1	2.2	3.2
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	99	7.5	7.628	8.9	6.7	0.236	0.486	7.	7.3	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	99	7.5	7.411	8.9	6.7	0.284	0.533	7.	7.3	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	99	0.032	0.039	0.2	0.001	0.001	0.038	0.006	0.013	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	20	66.5	66.75	90.	38.	229.776	15.158	44.6	56.5	80.	89.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	17	12.	21.059	139.	6.	966.934	31.096	6.	9.5	19.5	51.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	21	0.055	0.079	0.326	0.02	0.007	0.081	0.02	0.02	0.127	0.217
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	21	0.018	0.018	0.036	0.005	0.	0.009	0.005	0.012	0.024	0.035
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/11/90	21	1.22	1.195	1.64	0.56	0.062	0.248	0.802	1.12	1.355	1.444
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	14	0.621	0.597	0.87	0.244	0.033	0.182	0.291	0.432	0.74	0.841
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	14	0.063	0.073	0.149	0.05	0.001	0.026	0.052	0.056	0.084	0.125
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	13	0.028	0.034	0.069	0.005	0.	0.019	0.009	0.02	0.051	0.065
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	19	0.023	0.023	0.054	0.004	0.	0.015	0.004	0.008	0.029	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	14	3.2	3.743	13.3	0.5	8.987	2.998	1.	2.05	4.35	9.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	18	3.	3.089	7.8	0.5	2.743	1.656	0.95	2.075	3.6	5.64
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	21	98.	87.619	136.	20.	1067.548	32.673	20.6	76.	108.	128.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	12	2.55	2.192	3.4	0.3	1.463	1.209	0.33	1.25	3.3	3.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	90.	185.714	490.	10.	29161.905	170.769	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	1.954	2.045	2.69	1.	0.311	0.558	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			111.009								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	20	17.	28.25	174.	7.	1390.618	37.291	9.	12.	28.5	68.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0244

NPS Station ID: GWMP0244
Location: POTO.R. HAINES PT. AT RB 1 QK FL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010026
RF3 Index: 02070010002504.17
Description:

LAT/LON: 38.851392/ -77.022504

Depth of Water: 1
Elevation: 0

RF1 Mile Point: 6.220
RF3 Mile Point: 4.30

Agency: 1113PESE
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 004 /004 /3B
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.22

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0244

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0245

NPS Station ID: GWMP0245 LAT/LON: 38.851392/ -77.103059 Agency: 21VASWCB Date Created: 04/10/93
Location: FOURMILE RUN DRIVE (ARLINGTON CO) FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ADOC000.16
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: DOCTORS RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/87-07/08/87	1	24.3	24.3	24.3	24.3	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/08/87-07/08/87	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/08/87-07/08/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/08/87-07/08/87	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/87-07/08/87	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/87-07/08/87	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/87-07/08/87	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/08/87-07/08/87	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/08/87-07/08/87	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/87-07/08/87	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/08/87-07/08/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/08/87-07/08/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/08/87-07/08/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/08/87-07/08/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/87-07/08/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/08/87-07/08/87	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/87-07/08/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/87-07/08/87	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/08/87-07/08/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/08/87-07/08/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/87-07/08/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/87-07/08/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/08/87-07/08/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/87-07/08/87	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/08/87-07/08/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/08/87-07/08/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/08/87-07/08/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	1	3.204	3.204	3.204	3.204	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1600.								
71900	MERCURY, TOTAL (UG/L AS HG)	07/08/87-07/08/87	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0246

NPS Station ID: GWMP0246
LAT/LON: 38.852504/ -77.028338
Agency: 1113PESE
Date Created: / /
Location: POTO.R. HAINES PT. BTW C1&WST SH
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /3A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.76
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0247

NPS Station ID: GWMP0247 | LAT/LON: 38.853059/ -77.024726 | Agency: 111230WQ | Date Created: / /
Location: POTOMAC RIVER AT HAINS POINT | FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): POT-98.60
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0098.60
HUC: 02070010 | Depth of Water: 15 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010026 | RF1 Mile Point: 6.330 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010002500.00 | RF3 Mile Point: 2.13 | Distance from RF3: 0.10 | On/Off RF3:
Description:
THIS STATION WAS SAMPLED FOR THE NUTRIENT TRANSPORT STUDY. IT IS LOCATED IN THE MIDDLE CHANNEL OF THE POTOMAC ESTUARY APPROX. 98.6 MILES UPSTREAM FROM THE CHESAPEAKE BAY AT HAINS PT., WASHINGTON, D.C. IT IS LOCATED NEAR BUOY C'1'. THIS LOCATION WAS DETERMINED BY US C^GS CHART NO. 560.

Parameter Inventory for Station: GWMP0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	50	16.5	15.28	30.5	0.	92.053	9.594	2.1	7.	25.	27.45
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	45	21.	22.933	59.	8.	118.473	10.885	12.6	16.	25.5	40.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/25/69-02/10/70	20	0.899	0.795	1.466	0.129	0.128	0.358	0.283	0.475	1.022	1.237
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	49	1.06	1.161	2.546	0.048	0.344	0.587	0.458	0.741	1.495	2.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	53	0.92	0.836	1.6	0.13	0.17	0.412	0.226	0.385	1.165	1.318
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	49	0.54	0.675	2.	0.17	0.155	0.393	0.29	0.4	0.885	1.22
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/25/69-02/10/70	22	0.29	0.333	0.91	0.04	0.055	0.235	0.089	0.148	0.445	0.778
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/69-03/23/70	33	0.34	0.412	1.92	0.04	0.14	0.375	0.078	0.2	0.5	0.932
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/05/70	35	5.6	5.929	16.4	0.4	9.82	3.134	3.16	4.	7.	8.72
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	15	5.2	6.147	12.9	2.	9.844	3.138	2.24	4.2	8.6	11.82
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	51	0.3	0.417	1.6	0.001	0.12	0.347	0.044	0.2	0.6	0.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0247

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	53	0	0.00	15	0	0.00	23	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0248

NPS Station ID: GWMP0248
LAT/LON: 38.854420/ -77.023921
Agency: 11121TWQ
Date Created: / /
Location: POT., N. BOLLING FLD. CAN 9 MC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-003B /03B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.54
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-05/13/70	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-05/13/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/70-05/13/70	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/70-05/13/70	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/70-05/13/70	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/13/70-05/13/70	1	8.38	8.38	8.38	8.38	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/70-05/13/70	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0248

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0249

NPS Station ID: GWMP0249
LAT/LON: 38.854448/ -77.023893
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER, HAINES PT. BUOY 2
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-003 /003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.15
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	122	22.75	19.534	30.5	2.	63.504	7.969	7.	14.875	25.525	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	29	15.	19.238	59.	2.	217.703	14.755	3.7	9.75	27.	46.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	18	10.25	17.289	100.	3.2	471.783	21.721	6.62	7.875	16.25	38.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	48	18.	21.854	96.	4.	241.617	15.544	9.8	14.	24.75	36.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	25	0.61	0.625	0.91	0.28	0.041	0.202	0.312	0.47	0.795	0.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	16	350.	343.563	502.	200.	4768.929	69.057	235.	312.5	380.	439.7
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	9	0.3	0.222	0.3	0.	0.011	0.106	0.	0.15	0.3	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	11	7.	7.045	9.3	5.1	1.045	1.022	5.36	6.5	7.3	9.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	119	8.1	8.455	14.4	2.4	7.67	2.769	4.6	6.6	10.	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	36	2.45	2.756	9.4	0.5	3.292	1.814	0.77	1.525	3.65	5.23
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.5	7.504	8.53	6.6	0.243	0.493	6.8	7.15	7.875	8.114
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.5	7.25	8.53	6.6	0.31	0.557	6.8	7.15	7.875	8.114
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	20	0.032	0.056	0.251	0.003	0.004	0.066	0.008	0.013	0.072	0.158
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	7	0.08	0.074	0.09	0.05	0.	0.013	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	23	0.065	0.156	0.878	0.01	0.048	0.219	0.02	0.02	0.177	0.549
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	84	0.111	0.262	2.212	0.011	0.201	0.449	0.033	0.056	0.19	0.899
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.033	0.059	0.187	0.005	0.003	0.057	0.01	0.016	0.091	0.159
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.82	38.68	947.	0.23	35809.373	189.234	0.348	0.49	1.19	1.548
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	18	0.388	0.49	1.424	0.1	0.127	0.356	0.1	0.262	0.761	1.031
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	109	0.621	0.767	2.849	0.127	0.27	0.52	0.324	0.459	0.884	1.273
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	85	0.91	0.852	1.94	0.001	0.171	0.413	0.276	0.5	1.16	1.324
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	97	0.34	0.467	2.2	0.05	0.158	0.398	0.17	0.245	0.53	0.864
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	7	0.14	0.18	0.41	0.07	0.012	0.111	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	85	0.14	0.229	1.52	0.007	0.08	0.283	0.02	0.08	0.225	0.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	14	0.093	0.095	0.158	0.06	0.001	0.033	0.062	0.066	0.113	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	14	0.041	0.043	0.094	0.006	0.001	0.025	0.013	0.023	0.06	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	13	0.021	0.028	0.087	0.004	0.001	0.023	0.006	0.012	0.04	0.075
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	91	6.	5.937	17.4	0.06	6.852	2.618	3.12	4.1	7.3	8.94
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	4	2.05	1.775	2.5	0.5	0.783	0.885	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	54	21.75	27.496	332.1	8.9	1811.288	42.559	15.	18.175	25.325	28.15
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	2804.5	2808.167	3890.	1720.	573144.167	757.063	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	12245.	12245.	24000.	490.	276360050.	16624.08	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.535	3.535	4.38	2.69	1.428	1.195	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3429.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	1700.	3641.667	9180.	45.	23689608.333	4867.197	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	3.23	2.949	3.963	1.653	1.393	1.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			888.863								
32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	11	0.019	0.022	0.057	0.	0.	0.021	0.001	0.003	0.043	0.055
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.155	0.155	0.16	0.15	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.056	0.09	0.281	0.02	0.008	0.087	0.02	0.02	0.158	0.253

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0249

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	1	0.03	13	0	0.00	5	0	0.00	11	1	0.09			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	18	1	0.06	14	1	0.07				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	10	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	119	4	0.03	47	4	0.09	20	0	0.00	52	0	0.00			
00400	PH	Other-Hi Lim.	9.	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	25	0	0.00	19	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	25	1	0.04	19	1	0.05				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	85	0	0.00	29	0	0.00	20	0	0.00	36	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	27	22.5	19.407	26.5	3.	49.578	7.041	6.8	17.	24.5	25.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	8.05	8.	12.2	3.9	6.837	2.615	4.1	6.025	9.975	12.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	24	0.097	0.3	1.7	0.011	0.284	0.533	0.023	0.031	0.128	1.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	24	0.813	0.975	2.605	0.127	0.445	0.667	0.21	0.48	1.265	2.128
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	24	0.925	0.894	1.94	0.28	0.188	0.434	0.375	0.5	1.11	1.59
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.515	0.683	2.2	0.19	0.324	0.569	0.215	0.323	0.785	1.98
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	24	0.215	0.364	1.43	0.07	0.133	0.364	0.09	0.133	0.493	1.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	16	6.55	6.581	10.5	2.9	5.64	2.375	3.11	4.3	8.375	10.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	17.25	17.527	28.	2.5	56.985	7.549	4.5	14.45	23.9	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	22	7.25	7.745	14.	2.4	10.528	3.245	3.71	5.475	9.8	13.37
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.145	0.517	2.212	0.04	0.602	0.776	0.053	0.097	0.616	2.163
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.746	1.008	2.849	0.127	0.714	0.845	0.216	0.482	1.119	2.771
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	12	0.505	0.648	1.42	0.15	0.235	0.485	0.159	0.243	1.088	1.411
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.3	0.568	1.69	0.15	0.293	0.542	0.153	0.263	0.817	1.66
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	12	0.175	0.318	1.52	0.04	0.165	0.406	0.052	0.133	0.3	1.247
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	5.9	5.34	7.9	1.2	5.603	2.367	1.4	3.35	7.4	7.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	13.5	15.621	25.	3.2	70.506	8.397	3.6	7.	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	9.85	10.114	13.9	5.3	8.226	2.868	5.5	8.05	13.125	13.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	14	0.11	0.138	0.435	0.045	0.012	0.109	0.045	0.058	0.195	0.348
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	14	0.74	0.728	1.23	0.41	0.066	0.256	0.42	0.488	0.877	1.191
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	14	1.165	1.006	1.35	0.58	0.073	0.27	0.63	0.728	1.21	1.34
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	14	0.295	0.359	0.86	0.2	0.033	0.182	0.21	0.235	0.403	0.74
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	14	0.125	0.137	0.36	0.06	0.007	0.083	0.065	0.078	0.165	0.295
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	14	6.55	7.436	17.4	4.2	11.538	3.397	4.5	4.95	8.9	13.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.	16.583	26.	4.5	56.037	7.486	5.4	10.	25.	26.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	9.4	9.033	13.8	3.8	8.132	2.852	4.52	6.425	11.1	13.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	18	0.1	0.159	0.585	0.045	0.021	0.143	0.054	0.063	0.216	0.396
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	0.694	0.659	1.148	0.293	0.06	0.244	0.327	0.449	0.76	1.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	18	1.025	0.941	1.68	0.38	0.153	0.392	0.389	0.565	1.16	1.671
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.365	0.387	0.86	0.14	0.042	0.205	0.149	0.215	0.473	0.716
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	18	0.15	0.156	0.52	0.02	0.013	0.113	0.02	0.082	0.205	0.268
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	18	6.25	6.311	10.4	3.3	3.682	1.919	3.66	5.05	7.1	10.31

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	10	24.	19.15	29.	2.	113.503	10.654	2.05	7.	26.75	29.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	10	8.2	8.99	13.9	4.7	10.299	3.209	4.75	6.925	12.175	13.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	10	0.103	0.195	1.06	0.022	0.099	0.315	0.023	0.034	0.169	0.984
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	10	0.527	0.677	1.825	0.411	0.175	0.418	0.416	0.466	0.736	1.716
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	10	0.425	0.525	1.02	0.001	0.136	0.369	0.019	0.228	0.915	1.02
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	10	0.305	0.387	1.26	0.14	0.099	0.315	0.15	0.248	0.378	1.174
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	10	0.02	0.116	0.76	0.007	0.053	0.23	0.007	0.01	0.103	0.695
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	6.65	6.5	10.3	4.	3.611	1.9	4.02	4.875	7.45	10.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.5	27.25	29.	25.	2.75	1.658	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	7.2	7.25	7.9	6.7	0.41	0.64	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.135	0.144	0.19	0.114	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	4	0.6	0.595	0.659	0.522	0.003	0.059	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	4	0.95	0.935	1.17	0.67	0.069	0.262	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.335	0.358	0.53	0.23	0.018	0.133	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.105	0.108	0.19	0.03	0.006	0.079	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	4	6.45	5.215	7.9	0.06	13.32	3.65	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.5	15.5	28.	3.	312.5	17.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.35	11.35	14.4	8.3	18.605	4.313	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.113	0.113	0.113	0.113	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.452	0.452	0.579	0.324	0.033	0.18	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	2	1.235	1.235	1.24	1.23	0.	0.007	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.245	0.245	0.44	0.05	0.076	0.276	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.075	0.075	0.14	0.01	0.008	0.092	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	4.35	4.35	6.	2.7	5.445	2.333	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	1.152	1.152	1.152	1.152	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	1	2.19	2.19	2.19	2.19	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	24.1	22.75	30.5	14.5	25.29	5.029	15.25	17.65	27.175	29.66
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.6	8.473	10.9	6.4	2.008	1.417	6.52	7.	9.7	10.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.406	0.472	0.92	0.246	0.046	0.215	0.251	0.33	0.626	0.886
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.28	0.295	0.61	0.15	0.014	0.12	0.156	0.208	0.348	0.532
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	4.	3.967	7.7	0.5	3.61	1.9	0.5	3.2	4.65	7.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	7	28.6	28.314	30.4	25.4	3.861	1.965	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	6	6.65	6.917	7.9	6.2	0.502	0.708	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	5	0.351	0.692	1.424	0.258	0.3	0.547	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	7	3.7	3.514	5.8	0.5	3.738	1.933	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.9	25.	28.6	18.7	14.015	3.744	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	8.	8.58	11.7	6.9	3.677	1.918	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.705	0.665	1.059	0.288	0.06	0.246	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	51	25.4	24.586	30.5	13.5	20.663	4.546	15.4	23.	27.7	29.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	18	18.	18.722	36.	4.	61.389	7.835	9.4	13.5	24.	30.6
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	47	6.7	6.762	11.7	2.4	4.138	2.034	4.06	5.2	8.	9.72
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	22	3.3	3.641	9.4	1.5	3.075	1.754	1.85	2.475	4.65	5.51
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.38	7.381	8.53	6.6	0.312	0.558	6.68	6.85	7.77	8.342
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.38	7.123	8.53	6.6	0.384	0.62	6.68	6.85	7.77	8.342
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.042	0.075	0.251	0.003	0.006	0.076	0.005	0.018	0.142	0.214
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	29	0.21	0.554	2.212	0.022	0.433	0.658	0.065	0.116	1.106	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	47	0.765	0.991	2.849	0.258	0.447	0.669	0.351	0.522	1.151	2.203
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	29	0.67	0.732	1.94	0.001	0.242	0.492	0.18	0.37	1.16	1.35
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	37	0.41	0.616	2.2	0.15	0.249	0.499	0.23	0.31	0.645	1.61
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	29	0.21	0.381	1.52	0.02	0.178	0.421	0.02	0.095	0.505	1.25
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	38	6.2	6.123	10.5	0.06	7.703	2.775	2.77	4.	8.325	10.3
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	22	24.9	39.055	332.1	20.4	4300.42	65.578	20.53	22.1	28.125	35.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	20	5.	5.81	12.	2.	9.533	3.087	2.5	3.	8.375	11.25
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	10	22.5	32.8	96.	6.	844.844	29.066	6.2	14.75	45.	93.6
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	20	13.15	12.76	14.4	10.8	1.588	1.26	10.83	11.65	13.9	14.
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	19	0.093	0.12	0.738	0.042	0.024	0.154	0.045	0.046	0.115	0.171
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	20	0.485	0.471	1.192	0.127	0.057	0.239	0.129	0.326	0.581	0.745
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	20	1.165	1.168	1.68	0.69	0.063	0.25	0.885	1.013	1.32	1.645
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	20	0.27	0.328	0.94	0.05	0.051	0.226	0.141	0.175	0.385	0.809
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	20	0.13	0.168	0.61	0.01	0.02	0.14	0.015	0.08	0.265	0.309
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	20	4.7	4.965	10.5	1.2	4.541	2.131	2.72	3.25	6.6	7.18
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	12	19.25	19.692	25.3	14.	16.615	4.076	14.6	16.125	24.15	25.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	51	20.	19.865	28.	7.5	27.908	5.283	11.2	16.4	24.5	25.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	20	18.	19.2	44.	8.	62.8	7.925	10.2	14.	23.5	26.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	52	8.3	8.329	12.1	4.2	3.495	1.87	5.93	7.15	9.475	11.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	14	1.3	1.364	2.7	0.5	0.484	0.696	0.5	0.775	1.95	2.5
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.8	7.804	8.12	7.5	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.8	7.756	8.12	7.5	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	5	0.016	0.018	0.032	0.008	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	36	0.08	0.102	0.585	0.011	0.01	0.101	0.026	0.038	0.123	0.213
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	42	0.597	0.656	1.24	0.246	0.07	0.265	0.307	0.472	0.81	1.117
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	36	0.81	0.773	1.23	0.24	0.107	0.327	0.264	0.47	1.078	1.16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	40	0.325	0.399	2.04	0.14	0.099	0.315	0.172	0.24	0.438	0.686
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	36	0.135	0.14	0.52	0.007	0.009	0.097	0.02	0.083	0.18	0.244
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	33	6.1	6.312	17.4	0.5	6.892	2.625	3.82	4.9	7.55	8.08
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	20	19.	19.465	28.	8.9	28.771	5.364	11.32	17.5	24.75	27.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0250

NPS Station ID: GWMP0250
Location: POTOMAC RIVER AT HAINES PT. N 2
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER BASIN
RF1 Index: 02070010026
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.854448/ -77.023893
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 6.430
RF3 Mile Point: 3.15

Agency: 11121WWQ
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POT-TRANS-003 /003
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.11

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0250

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0251

NPS Station ID: GWMP0251
LAT/LON: 38.854726/ -77.020838
Agency: 1113AAWQ
Date Created: / /
Location: ANACOSTIA R. OFF HAINES POINT
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /ANACOST-AA1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	4	20.75	18.375	26.	6.	81.229	9.013	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	4	10.	11.5	22.	4.	57.667	7.594	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	4	7.8	8.175	11.8	5.3	7.469	2.733	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	5.7	4.967	6.2	3.	2.963	1.721	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	4	0.167	0.217	0.401	0.131	0.015	0.124	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	4	0.763	0.76	1.421	0.091	0.341	0.584	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	4	0.815	0.848	1.25	0.51	0.115	0.34	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	3	0.22	0.227	0.3	0.16	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	2	7.3	7.3	8.4	6.2	2.42	1.556	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	3480.	3053.333	5420.	260.	6792933.333	2606.326	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	3.542	3.23	3.734	2.415	0.508	0.713	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1698.963								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	4	42.8	51.225	112.5	6.8	2820.723	53.11	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	3	19.	18.	22.	13.	21.	4.583	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	4	0.415	0.465	0.75	0.28	0.042	0.205	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0252

NPS Station ID: GWMP0252 LAT/LON: 38.856115/ -77.019448 Agency: 21DCBAWQ Date Created: 10/11/86
Location: WASHINGTON CHANNEL JUNCTION, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA26
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.11 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: WASHINGTON CHANNEL JUNCTION, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	66	18.5	16.823	31.2	2.3	80.555	8.975	4.14	8.	25.725	27.95
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	2	0.55	0.55	0.7	0.4	0.045	0.212	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	64	288.	301.344	525.	101.	6831.943	82.656	213.	239.	351.	430.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	63	8.1	8.137	12.4	0.1	5.645	2.376	5.54	6.7	9.8	11.3
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	59	7.5	7.551	8.8	6.7	0.207	0.455	7.	7.2	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	59	7.5	7.367	8.8	6.7	0.242	0.492	7.	7.2	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	59	0.032	0.043	0.2	0.002	0.001	0.037	0.006	0.016	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0252

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	3	0.05	24	0	0.00	20	2	0.10	19	1	0.05			
00400	PH	Other-Hi Lim.	9.	59	0	0.00	23	0	0.00	18	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	59	0	0.00	23	0	0.00	18	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.	11.7	19.1	8.	41.07	6.409	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	199.	226.	378.	101.	19729.	140.46	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	16.9	16.45	28.9	4.	87.234	9.34	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	268.	249.833	356.	135.	5900.167	76.813	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.5	7.52	7.9	7.	0.112	0.335	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.5	7.407	7.9	7.	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.032	0.039	0.1	0.013	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.35	19.963	28.3	6.8	61.94	7.87	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	253.5	269.75	345.	219.	2174.214	46.628	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.6	7.643	8.2	7.2	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.6	7.495	8.2	7.2	0.205	0.453	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.025	0.032	0.063	0.006	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	20.	18.09	28.9	5.2	76.363	8.739	5.26	7.975	25.525	28.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	340.5	356.5	479.	258.	6503.833	80.646	261.	288.	453.	477.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.63	8.4	6.9	0.256	0.506	6.93	7.2	8.15	8.39
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.489	7.409	8.4	6.9	0.31	0.557	6.93	7.2	8.15	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.032	0.039	0.126	0.004	0.001	0.038	0.004	0.007	0.063	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	11	15.1	15.218	29.2	2.5	98.858	9.943	2.62	6.	26.	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	11	291.	300.091	434.	214.	5374.091	73.308	217.2	233.	340.	429.4
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	11	7.5	7.445	8.2	6.7	0.187	0.432	6.76	7.2	7.7	8.14
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	11	7.5	7.26	8.2	6.7	0.225	0.474	6.76	7.2	7.7	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	11	0.032	0.055	0.2	0.006	0.003	0.056	0.008	0.02	0.063	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	18.6	17.76	31.2	4.2	83.427	9.134	4.43	9.875	25.3	30.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	333.	346.8	525.	212.	9171.956	95.77	216.8	264.5	424.75	515.2
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.65	8.6	7.1	0.281	0.53	7.1	7.25	8.05	8.59
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.5	7.449	8.6	7.1	0.325	0.57	7.1	7.25	8.05	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.032	0.036	0.079	0.003	0.001	0.028	0.003	0.01	0.057	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	12.4	13.422	27.8	2.3	113.279	10.643	2.3	2.6	24.6	27.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	9	300.	316.333	452.	272.	3243.25	56.95	272.	278.5	336.5	452.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.7	7.644	8.8	7.	0.313	0.559	7.	7.2	7.95	8.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.7	7.421	8.8	7.	0.369	0.608	7.	7.2	7.95	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	9	0.02	0.038	0.1	0.002	0.001	0.033	0.002	0.012	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.1	19.6	26.9	6.	67.81	8.235	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	237.	252.857	348.	198.	2491.476	49.915	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.271	7.6	6.9	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.216	7.6	6.9	0.059	0.243	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.05	0.061	0.126	0.025	0.001	0.034	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	25	26.1	24.68	31.2	16.7	15.404	3.925	18.78	21.3	27.45	29.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	340.	338.24	479.	228.	4767.44	69.047	249.2	278.	385.5	440.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	24	7.15	7.358	10.2	5.2	1.384	1.177	5.9	6.55	8.075	9.15
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.4	7.513	8.6	7.	0.131	0.362	7.2	7.2	7.7	8.08
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.4	7.407	8.6	7.	0.143	0.378	7.2	7.2	7.7	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	23	0.04	0.039	0.1	0.003	0.001	0.023	0.009	0.02	0.063	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	22	6.	6.318	13.2	2.3	9.664	3.109	2.53	3.775	8.075	11.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	22	281.	290.	525.	101.	10599.143	102.952	152.1	231.75	328.75	456.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	20	10.4	9.695	12.4	2.6	7.314	2.704	3.82	8.925	11.45	12.29
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.55	7.578	8.8	6.9	0.247	0.497	6.99	7.175	7.9	8.26
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.547	7.373	8.8	6.9	0.291	0.54	6.99	7.175	7.9	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.028	0.042	0.126	0.002	0.001	0.036	0.006	0.013	0.067	0.103

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	19	18.5	18.647	28.9	9.5	34.953	5.912	9.9	14.3	24.1	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	17	260.	261.765	356.	198.	1869.816	43.241	209.2	228.	295.5	328.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	19	7.8	7.479	11.	0.1	5.993	2.448	4.7	6.2	8.6	10.9
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.5	7.572	8.5	6.7	0.288	0.537	6.88	7.175	8.125	8.41
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.5	7.314	8.5	6.7	0.358	0.599	6.88	7.175	8.125	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.032	0.048	0.2	0.003	0.003	0.051	0.004	0.008	0.067	0.133

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0253

NPS Station ID: GWMP0253
LAT/LON: 38.856115/ -77.041671
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. OFF HAINES PT. D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /POTO-03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010034
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0253

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0254

NPS Station ID: GWMP0254
Location: HAINES PT-STATION 3
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010026
RF3 Index: 02070010002502.07
Description:
HAINES PT-STATION 3

LAT/LON: 38.856392/ -77.025004

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 6.420
RF3 Mile Point: 2.41

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750112330
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.13

Date Created: 06/27/81

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: GWMP0254

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0255

NPS Station ID: GWMP0255 LAT/LON: 38.856392/ -77.110559 Agency: 21VASWCB Date Created: / /
Location: ROUTE 244 BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU004.22 /VA1A07-X0043/VA1A3X0043
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 14.10 On/Off RF1:
RF3 Index: 02070010059403.22 RF3 Mile Point: 3.54 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: GWMP0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/74-07/27/95	43	13.9	14.163	28.	0.3	66.94	8.182	2.44	7.8	21.7	24.84
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/06/90-04/09/92	7	1.9	2.057	5.	0.6	2.546	1.596	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/94-07/27/95	4	1.65	1.525	2.3	0.5	0.576	0.759	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/91-01/07/93	8	14.	21.	60.	11.	274.	16.553	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/23/92-07/27/95	14	340.	369.714	770.	299.	13856.681	117.714	304.	324.5	359.25	580.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/90-07/27/95	19	329.	545.474	4220.	199.	800275.152	894.581	286.	298.	357.	684.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/92-07/27/95	14	11.	10.507	13.1	7.3	2.85	1.688	7.7	8.85	11.575	12.7
00300	OXYGEN, DISSOLVED MG/L	09/30/74-10/16/91	29	10.4	10.438	15.2	8.	3.415	1.848	8.	8.85	11.75	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/76-07/27/95	20	1.4	2.	6.	0.5	2.139	1.463	1.	1.	2.3	4.9
00340	COD, .25N K2CR2O7 MG/L	09/06/90-07/27/95	18	10.5	12.75	31.	2.5	50.89	7.134	6.55	7.75	15.75	25.6
00400	PH (STANDARD UNITS)	09/30/74-07/27/95	42	7.8	7.861	9.2	6.6	0.418	0.647	7.	7.5	8.387	8.97
00400	CONVERTED PH (STANDARD UNITS)	09/30/74-07/27/95	42	7.8	7.482	9.2	6.6	0.565	0.752	7.	7.5	8.387	8.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/74-07/27/95	42	0.016	0.033	0.251	0.001	0.002	0.047	0.001	0.004	0.032	0.1
00403	PH, LAB, STANDARD UNITS SU	09/06/90-07/27/95	19	7.4	7.458	8.2	6.9	0.133	0.364	7.	7.2	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/90-07/27/95	19	7.4	7.33	8.2	6.9	0.15	0.387	7.	7.2	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/90-07/27/95	19	0.04	0.047	0.126	0.006	0.001	0.034	0.013	0.016	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	19	47.	47.684	59.	34.	46.895	6.848	36.	43.	53.	56.
00500	RESIDUE, TOTAL (MG/L)	09/06/90-07/27/95	19	200.	330.053	2420.	128.	259672.608	509.581	169.	190.	232.	434.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/06/90-07/27/95	19	53.	59.789	120.	8.	664.842	25.785	37.	42.	74.	94.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/06/90-07/27/95	19	150.	258.316	2300.	89.	245028.45	495.003	113.	125.	164.	191.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	3.553	18.	1.5	19.08	4.368	1.5	1.5	4.	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	1.737	4.	0.5	0.594	0.77	1.5	1.5	1.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/06/90-07/27/95	19 ##	1.5	2.921	18.	0.5	17.035	4.127	0.5	1.5	1.5	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-07/27/95	43 ##	0.05	0.073	0.99	0.02	0.023	0.151	0.02	0.02	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	43 ##	0.005	0.015	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	29	1.34	1.466	2.87	0.34	0.322	0.568	0.8	1.1	1.935	2.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-07/27/95	43	0.3	0.399	5.	0.05	0.55	0.741	0.1	0.2	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	14	0.895	0.917	2.2	0.19	0.372	0.61	0.23	0.38	1.325	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/90-07/27/95	19 ##	0.05	0.061	0.1	0.05	0.	0.021	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/90-04/09/92	7	0.01	0.014	0.03	0.005	0.	0.009	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/90-07/27/95	19	2.6	3.737	12.4	1.2	6.9	2.627	1.9	2.4	5.1	7.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/90-07/27/95	19	94.	99.105	240.	58.	1278.988	35.763	82.	84.	98.	108.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/07/93-01/07/93	1	6690.	6690.	6690.	6690.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/90-07/27/95	19	52.	121.842	1309.	21.	83573.251	289.09	26.	44.	59.	173.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/90-07/27/95	19	20.	22.368	60.	16.	96.246	9.81	16.	19.	22.	33.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/90-04/14/93	11	0.14	0.156	0.25	0.05	0.006	0.077	0.05	0.1	0.25	0.25
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/90-01/07/93	10	9.65	9.31	13.8	2.5	13.821	3.718	2.71	6.925	12.9	13.74
01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-01/07/93	8 ##	1.	2.063	5.	1.	3.317	1.821	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/06/91-01/07/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/27/75-01/07/93	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-01/07/93	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-01/07/93	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	04/11/79-01/07/93	3	70.	76.	128.	30.	2428.	49.275	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-01/07/93	9	8.	13.556	28.	5.	87.028	9.329	5.	5.	22.5	28.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-01/07/93	3	10.	15.	30.	5.	175.	13.229	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/06/91-01/07/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/06/91-01/07/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-01/07/93	9	10.	17.667	50.	5.	212.75	14.586	5.	7.5	25.	50.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/06/91-01/07/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	43	200.	1271.628	9200.	50.	5746761.573	2397.24	50.	50.	800.	5840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	43	2.301	2.486	3.964	1.699	0.518	0.72	1.699	1.699	2.903	3.766
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			306.027								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/93-07/14/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/07/93-01/07/93	1	80.	80.	80.	80.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/30/74-06/11/79	24 ##	0.05	0.052	0.1	0.05	0.	0.01	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/30/74-07/27/95	35 ##	0.01	0.016	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.044
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-01/07/93	7 ##	0.25	0.243	0.5	0.15	0.015	0.124	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	01/07/93-01/07/93	1	20900.	20900.	20900.	20900.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/08/92-06/15/94	8	0.75	1.95	10.1	0.3	11.04	3.323	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	12	0	0.00	7	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	42	4	0.10	16	2	0.13	12	0	0.00	14	2	0.14			
		Other-Lo Lim.	6.5	42	0	0.00	16	0	0.00	12	0	0.00	14	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	43	0	0.00	16	0	0.00	12	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	0	0.00	11	0	0.00	8	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	1	0.05	8	0	0.00	6	1	0.17	5	0	0.00			
		Drinking Water	250.	19	1	0.05	8	0	0.00	6	1	0.17	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	50.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	1300.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	9	4	0.44	4	2	0.50	2	0	0.00	3	2	0.67			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	100.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	5000.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	43	25	0.58	16	10	0.63	12	8	0.67	15	7	0.47			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	2.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/74-07/27/95	17	17.8	18.253	28.	2.8	44.266	6.653	10.16	13.8	23.9	27.76
00300	OXYGEN, DISSOLVED MG/L	09/30/74-10/16/91	12	9.25	9.55	11.8	8.	1.623	1.274	8.	8.575	10.825	11.62
00400	PH (STANDARD UNITS)	09/30/74-07/27/95	16	7.85	7.863	9.	7.	0.348	0.59	7.07	7.475	8.	9.
00400	CONVERTED PH (STANDARD UNITS)	09/30/74-07/27/95	16	7.847	7.567	9.	7.	0.441	0.664	7.07	7.475	8.	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/74-07/27/95	16	0.014	0.027	0.1	0.001	0.001	0.031	0.001	0.01	0.035	0.086
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-07/27/95	16 ##	0.05	0.044	0.16	0.02	0.001	0.034	0.02	0.02	0.05	0.083
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	16 ##	0.005	0.01	0.06	0.005	0.	0.014	0.005	0.005	0.005	0.032
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	11	1.16	1.157	2.	0.34	0.201	0.449	0.404	0.8	1.34	1.91
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-07/27/95	16	0.3	0.344	0.9	0.1	0.043	0.206	0.1	0.2	0.5	0.62
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	16	250.	1849.375	9200.	50.	9484139.583	3079.633	50.	100.	2675.	8360.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	16	2.389	2.626	3.964	1.699	0.611	0.782	1.699	2.	3.365	3.921
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			422.432								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/30/74-07/27/95	13	0.01	0.016	0.05	0.005	0.	0.014	0.005	0.005	0.02	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/74-07/27/95	12	3.5	4.392	11.1	0.3	10.914	3.304	0.45	1.825	7.375	10.26
00300	OXYGEN, DISSOLVED MG/L	09/30/74-10/16/91	7	12.7	12.629	15.2	10.8	2.422	1.556	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/74-07/27/95	12	7.5	7.442	8.5	6.6	0.268	0.518	6.69	7.	7.8	8.32
00400	CONVERTED PH (STANDARD UNITS)	09/30/74-07/27/95	12	7.5	7.196	8.5	6.6	0.334	0.578	6.69	7.	7.8	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/74-07/27/95	12	0.032	0.064	0.251	0.003	0.005	0.071	0.006	0.017	0.1	0.214
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-07/27/95	12 ##	0.05	0.153	0.99	0.02	0.076	0.275	0.02	0.028	0.1	0.786
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	12	0.015	0.018	0.04	0.005	0.	0.013	0.005	0.005	0.03	0.037
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	8	2.095	2.036	2.87	1.279	0.296	0.544	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-07/27/95	12	0.3	0.708	5.	0.2	1.855	1.362	0.2	0.2	0.4	3.74
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	12	250.	512.5	3400.	50.	863238.636	929.106	50.	62.5	400.	2590.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	12	2.389	2.353	3.531	1.699	0.291	0.539	1.699	1.774	2.602	3.326
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			225.334								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/30/74-07/27/95	10	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/74-07/27/95	14	16.7	17.571	26.1	10.2	30.031	5.48	10.65	12.475	23.45	25.05
00300	OXYGEN, DISSOLVED MG/L	09/30/74-10/16/91	10	10.2	9.97	12.2	8.	1.998	1.413	8.04	8.7	11.1	12.15
00400	PH (STANDARD UNITS)	09/30/74-07/27/95	14	8.275	8.218	9.2	7.4	0.391	0.626	7.45	7.5	8.825	9.1
00400	CONVERTED PH (STANDARD UNITS)	09/30/74-07/27/95	14	8.269	7.876	9.2	7.4	0.517	0.719	7.45	7.5	8.825	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/74-07/27/95	14	0.005	0.013	0.04	0.001	0.	0.014	0.001	0.002	0.032	0.036
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/74-07/27/95	15 ##	0.05	0.04	0.05	0.02	0.	0.015	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	15 ##	0.005	0.017	0.06	0.005	0.	0.019	0.005	0.005	0.03	0.054
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/74-07/27/95	10	1.355	1.35	1.98	0.9	0.129	0.359	0.902	1.054	1.582	1.962
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/74-07/27/95	15	0.2	0.21	0.5	0.05	0.022	0.148	0.05	0.1	0.3	0.44
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	15	130.	1262.667	8000.	50.	5524935.238	2350.518	50.	50.	900.	6560.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/74-07/27/95	15	2.114	2.443	3.903	1.699	0.631	0.794	1.699	1.699	2.954	3.81
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			277.19								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/30/74-07/27/95	12 ##	0.008	0.018	0.05	0.005	0.	0.018	0.005	0.005	0.03	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0256

NPS Station ID: GWMP0256
LAT/LON: 38.856948/ -77.020003
Agency: 11121TWQ
Date Created: / /
Location: ANACOSTIA R. WASH.CHANL R&B BUOY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-A2 /A2 /ANACOST-AA1A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.670
Distance from RF1: 2.40
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 1.03
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	14	26.5	24.	30.	5.	57.846	7.606	7.25	23.375	29.	29.75
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	13	17.	15.954	33.	4.	88.453	9.405	4.36	5.5	20.	32.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	13	18.	18.077	24.	10.	21.41	4.627	10.8	14.	22.5	24.
00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	14	5.35	6.493	12.2	4.5	5.233	2.288	4.55	4.925	7.7	11.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	14	0.304	0.29	0.663	0.12	0.018	0.135	0.129	0.176	0.337	0.507
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	14	0.784	0.776	1.281	0.612	0.029	0.169	0.613	0.646	0.806	1.083
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	14	0.77	0.729	1.17	0.25	0.066	0.258	0.31	0.52	0.87	1.115
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	14	0.325	0.354	0.7	0.12	0.02	0.141	0.175	0.265	0.43	0.605
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	14	0.1	0.116	0.3	0.02	0.008	0.089	0.025	0.048	0.155	0.295
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	14	5.45	6.486	9.7	3.2	4.657	2.158	3.6	5.025	8.425	9.65
00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	13	23.1	23.192	32.5	15.6	25.486	5.048	16.28	19.05	25.8	32.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	7	0	0.00	1	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0257

NPS Station ID: GWMP0257 | LAT/LON: 38.856948/ -77.026392 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: NATION AIRPORT NORTH, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS27
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0093.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010028 | RF1 Mile Point: 0.290 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003200.53 | RF3 Mile Point: 1.00 | Distance from RF3: 0.15 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: NATIONAL AIRPORT NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	67	15.1	15.361	29.8	0.	86.51	9.301	3.22	6.3	24.7	27.16
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	12	78.5	56.417	100.	0.	2300.447	47.963	0.	1.25	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.4	0.467	0.8	0.2	0.093	0.306	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	58	293.5	294.828	508.	120.	8064.777	89.804	170.3	232.75	338.25	435.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.4	8.492	13.8	0.1	10.227	3.198	3.65	6.875	11.025	12.63
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	54	7.7	7.776	9.	7.	0.176	0.42	7.3	7.5	8.025	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	54	7.7	7.618	9.	7.	0.202	0.449	7.3	7.5	8.025	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	54	0.02	0.024	0.1	0.001	0.	0.02	0.004	0.009	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/84-01/23/84	1	86.	86.	86.	86.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/23/84-01/23/84	1	18.	18.	18.	18.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0257

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	7	0.11	24	1	0.04	25	5	0.20	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	54	1	0.02	20	0	0.00	21	0	0.00	13	1	0.08			
		Other-Lo Lim.	6.5	54	0	0.00	20	0	0.00	21	0	0.00	13	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.2	10.933	19.3	6.3	52.703	7.26	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	259.	259.	368.	150.	23762.	154.149	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	10.9	12.3	8.3	5.08	2.254	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	9	14.5	15.611	28.9	0.	132.289	11.502	0.	4.6	27.	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	4	221.	257.5	468.	120.	25227.	158.83	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.	9.487	13.1	6.8	5.75	2.398	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	12.1	12.333	19.4	5.5	48.343	6.953	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	250.	249.333	261.	237.	144.333	12.014	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.1	10.633	12.6	8.2	5.003	2.237	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	3	7.8	7.9	8.1	7.8	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	3	7.8	7.879	8.1	7.8	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	3	0.016	0.013	0.016	0.008	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	19.2	15.264	28.5	0.9	123.071	11.094	1.08	4.5	26.7	28.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	329.	348.545	508.	253.	6461.873	80.386	257.6	281.	435.	494.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.3	7.682	13.8	0.2	19.042	4.364	0.7	4.9	12.9	13.68
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.8	7.973	9.	7.4	0.278	0.527	7.4	7.6	8.4	8.92
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.8	7.761	9.	7.4	0.328	0.572	7.4	7.6	8.4	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	11	0.016	0.017	0.04	0.001	0.	0.014	0.001	0.004	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	12.35	14.425	28.8	2.5	98.933	9.947	2.62	6.475	25.6	28.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	270.	272.	437.	149.	6780.364	82.343	157.1	200.	325.5	412.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	6.9	5.992	11.6	0.1	13.624	3.691	0.55	2.55	8.9	11.24
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.5	7.555	8.1	7.	0.103	0.321	7.06	7.3	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.5	7.453	8.1	7.	0.114	0.338	7.06	7.3	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	11	0.032	0.035	0.1	0.008	0.001	0.026	0.008	0.016	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.25	17.32	29.8	4.7	63.135	7.946	5.27	10.7	24.375	29.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	341.	329.2	500.	164.	12325.511	111.02	165.1	232.	418.	493.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.3	8.66	11.9	5.9	3.7	1.924	5.95	6.85	9.875	11.75
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	9	7.7	7.756	8.3	7.2	0.1	0.317	7.2	7.6	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	9	7.7	7.656	8.3	7.2	0.111	0.334	7.2	7.6	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	9	0.02	0.022	0.063	0.005	0.	0.017	0.005	0.01	0.025	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	15.1	15.227	27.	2.4	87.408	9.349	2.58	4.7	24.5	26.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	308.	303.778	342.	224.	1166.694	34.157	224.	292.5	325.5	342.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	9.7	9.636	13.6	7.	4.287	2.07	7.08	7.7	10.6	13.36
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.8	7.936	8.6	7.5	0.135	0.367	7.5	7.6	8.2	8.56
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	11	7.8	7.817	8.6	7.5	0.15	0.388	7.5	7.6	8.2	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	11	0.016	0.015	0.032	0.003	0.	0.01	0.003	0.006	0.025	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.4	17.15	25.3	5.9	75.189	8.671	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	232.	240.	337.	171.	2428.667	49.282	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.1	8.875	12.7	5.7	7.242	2.691	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	8	7.5	7.6	8.7	7.1	0.243	0.493	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	8	7.5	7.447	8.7	7.1	0.27	0.519	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	8	0.032	0.036	0.079	0.002	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.95	24.138	29.8	15.1	15.051	3.88	17.8	21.575	26.725	28.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	336.	341.15	508.	176.	6877.397	82.93	228.4	292.25	407.	440.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.05	6.925	10.	0.1	3.416	1.848	5.3	6.325	8.175	8.6
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	20	7.6	7.59	8.2	7.	0.087	0.295	7.12	7.4	7.775	8.08
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	20	7.6	7.496	8.2	7.	0.096	0.311	7.12	7.4	7.775	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	20	0.025	0.032	0.1	0.006	0.001	0.023	0.008	0.017	0.04	0.077

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	26	5.55	5.677	12.1	0.	10.077	3.174	1.53	3.2	7.475	10.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	24	294.5	289.875	500.	120.	8563.245	92.538	150.5	239.75	326.75	451.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.8	9.928	13.8	0.2	16.828	4.102	2.26	9.5	12.65	13.36
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	21	7.9	7.952	8.7	7.3	0.159	0.398	7.5	7.6	8.25	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	21	7.9	7.804	8.7	7.3	0.182	0.426	7.5	7.6	8.25	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	21	0.013	0.016	0.05	0.002	0.	0.012	0.003	0.006	0.025	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.1	17.782	28.9	7.	45.308	6.731	8.6	12.05	23.9	27.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	240.5	237.143	331.	149.	3229.055	56.825	156.5	174.	282.	319.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	9.	8.594	11.4	2.3	4.478	2.116	5.98	7.45	10.1	11.08
00400	PH (STANDARD UNITS)	01/23/84-09/10/90	13	7.6	7.777	9.	7.2	0.264	0.513	7.24	7.4	8.05	8.76
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-09/10/90	13	7.6	7.59	9.	7.2	0.302	0.549	7.24	7.4	8.05	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-09/10/90	13	0.025	0.026	0.063	0.001	0.	0.019	0.002	0.01	0.041	0.058

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0258

NPS Station ID: GWMP0258
LAT/LON: 38.857781/ -77.019448
Agency: 1113PESE
Date Created: / /
Location: POTO.R. ANACOSTIA CHAN RB"N"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /3C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.670
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0258

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0259

NPS Station ID: GWMP0259
LAT/LON: 38.858616/ -77.126948
Agency: 112WRD
Date Created: / /
Location: LONG BRANCH AT ARLINGTON, VA
FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01652400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 17.20
On/Off RF1:
RF3 Index: 02070010009700.00
RF3 Mile Point: 9.40
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/69-08/05/77	2	23.	23.	25.	21.	8.	2.828	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/69-05/06/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/06/69-08/05/77	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/69-08/05/77	2	253.5	253.5	280.	227.	1404.5	37.477	**	**	**	**
00400	PH (STANDARD UNITS)	05/06/69-05/06/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/69-05/06/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/69-05/06/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/69-08/05/77	2	50.5	50.5	53.	48.	12.5	3.536	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/06/69-08/05/77	2	61.5	61.5	65.	58.	24.5	4.95	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/06/69-05/06/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/06/69-05/06/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/06/69-08/05/77	2	84.5	84.5	97.	72.	312.5	17.678	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/06/69-08/05/77	2	34.	34.	44.	24.	200.	14.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/69-08/05/77	2	25.5	25.5	30.	21.	40.5	6.364	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/69-08/05/77	2	4.95	4.95	5.4	4.5	0.405	0.636	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/06/69-08/05/77	2	16.5	16.5	20.	13.	24.5	4.95	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/06/69-08/05/77	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	05/06/69-08/05/77	2	28.5	28.5	30.	27.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/06/69-08/05/77	2	3.75	3.75	4.4	3.1	0.845	0.919	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/06/69-08/05/77	2	30.	30.	34.	26.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/06/69-08/05/77	2	26.5	26.5	37.	16.	220.5	14.849	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/06/69-08/05/77	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/69-08/05/77	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/06/69-08/05/77	2	135.	135.	170.	100.	2450.	49.497	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-08/05/77	2	165.	165.	193.	137.	1568.	39.598	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/69-08/05/77	2	152.5	152.5	178.	127.	1300.5	36.062	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/69-08/05/77	2	0.125	0.125	0.18	0.07	0.006	0.078	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/69-08/05/77	2	0.225	0.225	0.26	0.19	0.002	0.049	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/06/69-08/05/77	2	2.05	2.05	2.8	1.3	1.125	1.061	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0260

NPS Station ID: GWMP0260 LAT/LON: 38.858892/ -77.017226 Agency: 21DCBAWQ Date Created: 10/11/86
Location: GREENLEAF POINT, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA25
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.820 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: GREENLEAF POINT, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	67	18.6	16.752	30.9	2.4	80.733	8.985	4.	8.1	25.5	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	2	0.6	0.6	0.8	0.4	0.08	0.283	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	65	292.	298.692	528.	99.	6779.404	82.337	214.4	238.	342.5	428.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	64	8.05	7.906	12.1	0.4	6.102	2.47	4.75	6.625	9.375	11.25
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	60	7.55	7.54	8.9	6.6	0.225	0.475	7.	7.2	7.8	8.19
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	60	7.547	7.333	8.9	6.6	0.269	0.519	7.	7.2	7.8	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	60	0.028	0.046	0.251	0.001	0.002	0.046	0.006	0.016	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	5	0.08	24	1	0.04	21	3	0.14	19	1	0.05			
00400	PH	Other-Hi Lim.	9.	60	0	0.00	23	0	0.00	19	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	60	0	0.00	23	0	0.00	19	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.2	11.833	19.2	8.1	40.703	6.38	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	192.	220.667	371.	99.	19112.333	138.247	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	16.75	16.438	29.	4.	89.243	9.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	260.5	245.333	336.	145.	4638.267	68.105	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.6	7.62	8.1	7.	0.162	0.402	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.6	7.458	8.1	7.	0.195	0.441	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.025	0.035	0.1	0.008	0.001	0.037	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.45	19.95	28.	6.4	62.343	7.896	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	256.5	270.5	340.	226.	1936.571	44.006	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.6	7.671	8.4	7.1	0.252	0.502	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.6	7.465	8.4	7.1	0.302	0.549	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.025	0.034	0.079	0.004	0.001	0.03	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	20.	17.99	28.	5.	75.445	8.686	5.07	7.95	25.575	27.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	331.5	349.4	472.	262.	5581.378	74.709	264.2	290.	436.	469.3
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.65	7.68	8.3	7.	0.171	0.413	7.02	7.35	7.975	8.29
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.647	7.509	8.3	7.	0.203	0.451	7.02	7.35	7.975	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.023	0.031	0.1	0.005	0.001	0.03	0.005	0.011	0.046	0.096

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	12	12.65	14.733	29.6	2.5	96.232	9.81	2.68	6.525	25.725	28.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	12	284.	302.167	430.	209.	6482.333	80.513	211.7	231.75	377.25	427.6
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	12	7.35	7.342	7.9	6.6	0.172	0.414	6.63	7.125	7.675	7.87
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	12	7.325	7.15	7.9	6.6	0.212	0.46	6.63	7.125	7.675	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	12	0.047	0.071	0.251	0.013	0.006	0.076	0.014	0.021	0.075	0.236

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	18.85	17.88	30.9	4.	83.453	9.135	4.27	10.	25.5	30.69
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	324.5	340.7	528.	218.	10163.122	100.812	218.	247.25	421.	517.9
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.4	7.62	8.6	7.2	0.295	0.543	7.2	7.2	7.925	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.4	7.433	8.6	7.2	0.334	0.578	7.2	7.2	7.925	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.04	0.037	0.063	0.003	0.001	0.024	0.003	0.016	0.063	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	12.3	13.511	28.	2.4	113.311	10.645	2.4	2.65	24.65	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	9	300.	316.667	454.	272.	3181.5	56.405	272.	281.5	330.	454.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.7	7.667	8.9	7.	0.363	0.602	7.	7.1	8.	8.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	9	7.7	7.402	8.9	7.	0.441	0.664	7.	7.1	8.	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	9	0.02	0.04	0.1	0.001	0.001	0.039	0.001	0.01	0.082	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.4	19.814	26.9	6.5	66.401	8.149	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	236.	248.571	353.	200.	2458.286	49.581	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.214	7.6	6.9	0.065	0.254	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	7.3	7.154	7.6	6.9	0.069	0.263	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.05	0.07	0.126	0.025	0.001	0.038	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	25	26.1	24.744	30.9	16.9	14.843	3.853	18.84	21.3	27.65	29.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	335.	331.36	472.	227.	4934.323	70.245	235.2	271.	383.	436.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	24	7.5	7.379	10.5	4.	2.162	1.47	5.45	6.5	8.425	9.4
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.4	7.526	8.6	7.	0.196	0.442	7.	7.2	7.8	8.28
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	23	7.4	7.361	8.6	7.	0.224	0.473	7.	7.2	7.8	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	23	0.04	0.044	0.1	0.003	0.001	0.033	0.006	0.016	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	6.2	6.4	12.9	2.4	9.177	3.029	2.5	4.	8.2	11.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	23	284.	291.304	528.	99.	10777.858	103.816	163.	218.	351.	445.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	9.4	8.848	12.1	1.7	9.822	3.134	2.62	8.5	11.25	11.96
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.4	7.495	8.9	6.7	0.234	0.484	7.	7.2	7.7	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.4	7.307	8.9	6.7	0.271	0.52	7.	7.2	7.7	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.04	0.049	0.2	0.001	0.002	0.045	0.008	0.02	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	19	18.6	18.768	29.	9.5	35.077	5.923	9.8	14.5	24.1	26.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	17	257.	260.647	336.	200.	1612.743	40.159	214.4	224.5	296.	321.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	19	7.7	7.532	11.3	0.4	6.131	2.476	4.5	6.7	8.8	11.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.6	7.606	8.6	6.6	0.275	0.524	6.87	7.2	8.025	8.33
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.6	7.325	8.6	6.6	0.358	0.598	6.87	7.2	8.025	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.025	0.047	0.251	0.003	0.004	0.061	0.005	0.009	0.063	0.138

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0261

NPS Station ID: GWMP0261 | LAT/LON: 38.860003/ -77.033615 | Agency: 112WRD | Date Created: 05/21/88
Location: POTOMAC RIVER AT HAINS POINT | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): 385130077014501
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02070010002502.07 | RF3 Mile Point: 2.21 | Distance from RF3: 0.03 | On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	19	200.	220.053	275.	182.	1248.83	35.339	190.	193.	265.	270.
00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	1.4	2.268	6.2	1.1	3.276	1.81	1.2	1.3	2.9	6.2
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	18	0.225	1.269	5.3	0.07	3.651	1.911	0.115	0.165	2.225	5.21
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	18	0.04	0.035	0.1	0.	0.001	0.026	0.	0.01	0.05	0.064
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.02	0.019	0.05	0.01	0.	0.008	0.01	0.02	0.02	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.99	1.003	1.1	0.81	0.011	0.107	0.84	0.87	1.1	1.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.28	1.249	5.3	0.13	3.484	1.866	0.15	0.2	2.1	5.2
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	19	0.17	0.55	3.3	0.	0.893	0.945	0.	0.1	0.34	2.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	19	0.41	1.775	7.1	0.15	5.911	2.431	0.29	0.36	5.	5.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	19	1.	1.016	1.1	0.8	0.009	0.096	0.9	0.9	1.1	1.1
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	19	0.074	0.076	0.104	0.064	0.	0.01	0.065	0.068	0.082	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	19	0.042	0.04	0.075	0.009	0.001	0.024	0.009	0.016	0.064	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	19	4.	5.374	15.	3.	8.334	2.887	3.2	3.5	6.7	8.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	19	6.5	5.932	6.7	4.2	0.941	0.97	4.3	4.6	6.6	6.7
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	18	29.35	32.128	67.3	1.6	399.075	19.977	10.6	14.4	52.7	62.62
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	15	2.3	2.68	5.7	1.3	2.055	1.433	1.3	1.4	4.1	5.28
32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	19	0.025	0.035	0.072	0.003	0.	0.021	0.015	0.016	0.056	0.068
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	18	0.05	0.044	0.13	0.	0.001	0.034	0.	0.01	0.06	0.085
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	19	4.4	4.411	4.8	3.6	0.187	0.432	3.7	3.9	4.8	4.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	19	0.07	0.066	0.16	0.03	0.001	0.028	0.03	0.07	0.07	0.07
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0261

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0262

NPS Station ID: GWMP0262
LAT/LON: 38.860559/ -77.027781
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 4 HAINES PT.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385138077014000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.660
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.23
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/03/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/03/83	1	36.3	36.3	36.3	36.3	0.	0.	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/03/83	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/03/83	1	43.	43.	43.	43.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0263

NPS Station ID: GWMP0263
LAT/LON: 38.861115/ -77.013059
Agency: 21DCBAWQ
Date Created: 10/11/86
Location: BUZZARD PT. MARINA, D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ANA24
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 7.210
Distance from RF1: 1.10
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: BUZZARD PT. MARINA, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	207	22.8	19.85	30.8	0.6	59.426	7.709	7.2	15.2	25.7	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	17	90.	60.059	100.	0.	1963.809	44.315	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	63	0.6	0.651	1.2	0.1	0.063	0.25	0.4	0.5	0.8	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	202	283.	295.144	494.	82.	5950.104	77.137	217.6	233.75	340.	413.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	199	6.3	6.388	12.	0.4	5.523	2.35	3.2	5.2	8.	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-06/03/86	14	2.25	2.307	4.	1.	0.95	0.975	1.05	1.4	3.2	3.8
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	196	7.2	7.212	8.9	6.4	0.186	0.431	6.7	6.9	7.5	7.73
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	196	7.2	7.029	8.9	6.4	0.22	0.469	6.7	6.9	7.5	7.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	196	0.063	0.094	0.398	0.001	0.007	0.086	0.019	0.032	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	74	68.	68.446	116.	28.	264.305	16.257	50.	57.5	80.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	58	10.5	14.879	64.	2.	190.003	13.784	4.	7.	17.25	25.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	5	0.157	0.211	0.514	0.084	0.032	0.178	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	5	0.038	0.035	0.058	0.018	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	5	0.97	1.154	2.12	0.57	0.422	0.65	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	56	0.684	0.68	1.42	0.	0.101	0.318	0.258	0.5	0.887	1.033
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	55	0.07	0.072	0.222	0.	0.001	0.038	0.033	0.057	0.088	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	54	0.033	0.035	0.126	0.	0.001	0.023	0.005	0.022	0.046	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	71	0.015	0.017	0.05	0.	0.	0.012	0.004	0.004	0.027	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	73	102.	97.301	170.	4.	1313.908	36.248	44.	76.	120.	141.2
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/84-01/31/84	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-12/15/83	3	5.	9.333	21.	2.	104.333	10.214	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-12/15/83	3	3.	6.833	17.	0.5	79.083	8.893	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	75	16.	24.72	168.	6.	745.934	27.312	10.	12.	25.	43.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	199	24	0.12	96	6	0.06	31	10	0.32	72	8	0.11			
00400	PH	Other-Hi Lim.	9.	196	0	0.00	92	0	0.00	32	0	0.00	72	0	0.00			
		Other-Lo Lim.	6.5	196	11	0.06	92	1	0.01	32	1	0.03	72	9	0.13			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00				2	0	0.00	3	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00				2	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	75	7	0.09	28	1	0.04	27	5	0.19	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.8	12.033	19.	8.3	36.463	6.038	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	3	0.4	0.4	0.7	0.1	0.09	0.3	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	188.	210.	360.	82.	19684.	140.3	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	8.8	8.733	8.9	8.5	0.043	0.208	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	3	6.8	6.7	6.8	6.5	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	3	6.8	6.676	6.8	6.5	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	3	0.158	0.211	0.316	0.158	0.008	0.091	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	3	60.	59.333	90.	28.	961.333	31.005	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	3	11.	27.667	64.	8.	992.333	31.501	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	3	0.518	0.476	0.563	0.347	0.013	0.114	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	3	0.099	0.126	0.182	0.098	0.002	0.048	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	3	0.053	0.059	0.075	0.048	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	3	0.036	0.035	0.038	0.031	0.	0.004	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	3	18.	67.333	168.	16.	7601.333	87.186	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	16.9	16.04	29.	1.	109.118	10.446	1.3	5.65	27.1	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	6	0.6	0.583	0.8	0.4	0.026	0.16	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	9	264.	254.	337.	140.	3843.75	61.998	140.	206.	300.5	337.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	7.6	7.922	11.2	4.8	4.087	2.022	4.8	6.3	9.6	11.2
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	8	7.35	7.275	7.8	6.6	0.168	0.41	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	8	7.347	7.102	7.8	6.6	0.202	0.45	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	8	0.045	0.079	0.251	0.016	0.006	0.08	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	10	74.	71.	96.	44.	354.	18.815	44.4	52.5	90.	95.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	8	14.	19.625	63.	8.	323.982	18.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	9	0.703	0.667	1.41	0.1	0.175	0.418	0.1	0.262	0.942	1.41
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	10	0.07	0.089	0.222	0.057	0.002	0.049	0.058	0.063	0.094	0.211
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	10	0.028	0.028	0.048	0.013	0.	0.01	0.014	0.021	0.033	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.017	0.016	0.03	0.004	0.	0.009	0.004	0.006	0.023	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	10	85.	91.6	156.	30.	1558.933	39.483	31.4	68.	121.5	154.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	10	16.	36.7	114.	12.	1584.233	39.802	12.	13.5	51.75	113.4

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Annual Analysis for 1985 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	25.2	20.656	28.5	6.5	60.825	7.799	6.5	13.5	26.55	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	6	0.7	0.733	1.	0.5	0.035	0.186	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	9	241.	246.222	340.	140.	3385.444	58.185	140.	220.5	287.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	7.7	8.422	10.9	6.6	2.519	1.587	6.6	7.1	10.1	10.9
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	8	7.4	7.538	8.4	7.	0.223	0.472	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	8	7.4	7.376	8.4	7.	0.252	0.502	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	8	0.04	0.042	0.1	0.004	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	8	64.	66.5	90.	50.	168.857	12.995	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	9	7.	7.667	14.	2.	17.75	4.213	2.	4.	11.5	14.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	9	0.745	0.703	0.91	0.395	0.034	0.185	0.395	0.545	0.859	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.07	0.074	0.111	0.05	0.	0.018	0.05	0.063	0.085	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	9	0.032	0.033	0.067	0.005	0.	0.016	0.005	0.026	0.039	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.011	0.015	0.05	0.004	0.	0.015	0.004	0.004	0.02	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	9	104.	104.667	130.	84.	239.	15.46	84.	91.	118.	130.

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Annual Analysis for 1985 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	8	13.	14.75	36.	6.	90.214	9.498	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	30	23.9	22.237	28.7	5.	39.222	6.263	9.89	18.5	27.1	28.18
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	9	0.7	0.744	1.1	0.5	0.035	0.188	0.5	0.6	0.85	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	30	333.5	365.033	474.	295.	4357.137	66.009	296.1	308.25	424.5	473.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	29	5.7	6.097	11.5	4.3	2.484	1.576	4.4	5.	6.7	8.4
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	30	7.4	7.413	8.9	6.5	0.243	0.493	6.9	7.1	7.7	7.99
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	30	7.4	7.201	8.9	6.5	0.289	0.538	6.9	7.1	7.7	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	30	0.04	0.063	0.316	0.001	0.004	0.065	0.01	0.02	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	10	73.	73.4	88.	60.	104.044	10.2	60.	64.5	82.	88.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	9	10.	9.889	16.	4.	14.611	3.822	4.	7.	13.	16.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	10	0.675	0.71	1.02	0.418	0.032	0.178	0.432	0.595	0.872	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	10	0.059	0.061	0.088	0.039	0.	0.016	0.039	0.046	0.073	0.087
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	10	0.033	0.031	0.061	0.005	0.	0.017	0.005	0.02	0.043	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9 ##	0.004	0.012	0.034	0.004	0.	0.012	0.004	0.004	0.022	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	10	39.	59.6	142.	4.	3200.711	56.575	4.2	9.	125.	141.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	10	12.	14.5	31.	8.	52.5	7.246	8.1	9.75	17.75	30.2

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Annual Analysis for 1987 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	50	16.7	17.488	29.3	2.5	72.566	8.519	7.2	8.675	25.725	26.39
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	11	0.6	0.664	1.2	0.1	0.085	0.291	0.16	0.5	0.9	1.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	50	245.	273.8	484.	181.	5988.653	77.386	198.	220.75	308.	424.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	50	7.7	6.444	9.5	0.4	8.629	2.938	0.62	5.3	8.65	9.1
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	50	7.1	7.084	7.8	6.4	0.174	0.417	6.5	6.7	7.425	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	50	7.1	6.9	7.8	6.4	0.208	0.456	6.5	6.7	7.425	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	50	0.079	0.126	0.398	0.016	0.013	0.113	0.025	0.038	0.2	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	12	71.	70.5	90.	40.	269.182	16.407	43.6	57.	87.5	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	5	9.	15.8	54.	2.	467.2	21.615	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	4	0.651	0.619	0.911	0.264	0.107	0.327	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	4	0.061	0.071	0.119	0.046	0.001	0.032	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	4	0.046	0.046	0.06	0.03	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	12	0.018	0.017	0.032	0.	0.	0.012	0.001	0.004	0.029	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	107.	103.833	170.	52.	1138.515	33.742	52.6	79.5	121.5	161.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	12	15.	24.917	120.	8.	950.083	30.823	8.6	11.	24.25	94.2

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Annual Analysis for 1988 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	35	22.3	21.874	30.8	4.1	51.658	7.187	9.82	17.2	28.3	29.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	10	0.6	0.61	1.	0.4	0.034	0.185	0.4	0.475	0.725	0.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	35	376.	349.429	493.	212.	4456.723	66.759	243.8	286.	397.	411.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	35	5.9	6.357	12.	3.2	3.013	1.736	4.8	5.2	7.	8.9

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Annual Analysis for 1988 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	35	7.4	7.38	8.6	6.8	0.134	0.366	6.9	7.2	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	35	7.4	7.257	8.6	6.8	0.149	0.387	6.9	7.2	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	35	0.04	0.055	0.158	0.003	0.002	0.041	0.013	0.025	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	11	70.	75.909	116.	50.	400.891	20.022	51.6	58.	90.	111.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	3	8.	16.	33.	7.	217.	14.731	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	2	0.627	0.627	0.662	0.592	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	1	0.064	0.064	0.064	0.064	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.01	0.012	0.028	0.004	0.	0.008	0.004	0.005	0.019	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	11	110.	119.545	160.	73.	1033.073	32.141	73.2	96.	150.	160.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	11	17.	18.455	33.	10.	50.873	7.133	10.2	12.	24.	31.6

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Annual Analysis for 1989 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	36	21.35	20.025	27.9	2.5	50.48	7.105	5.24	18.025	25.	27.73
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	11	0.6	0.682	1.2	0.4	0.088	0.296	0.4	0.4	1.	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	32	282.	284.875	494.	219.	2000.5	44.727	247.3	270.	289.5	308.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	30	5.7	5.617	11.2	1.2	8.562	2.926	1.2	2.675	7.7	10.42
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	31	7.	7.09	8.	6.5	0.162	0.403	6.52	6.8	7.4	7.78
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	31	7.	6.94	8.	6.5	0.186	0.431	6.52	6.8	7.4	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	31	0.1	0.115	0.316	0.01	0.008	0.091	0.017	0.04	0.158	0.303
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	12	68.	66.333	80.	50.	92.242	9.604	50.6	60.	72.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	12	15.	15.75	56.	2.	195.841	13.994	3.2	7.	17.75	45.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	10	0.527	0.501	1.15	0.	0.185	0.43	0.	0.	0.937	1.134
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.023	0.037	0.111	0.	0.002	0.042	0.	0.	0.074	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	8	0.003	0.033	0.126	0.	0.002	0.048	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	11	0.026	0.021	0.045	0.004	0.	0.014	0.004	0.004	0.03	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	106.	106.833	132.	86.	173.424	13.169	87.8	96.	116.	128.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	12	18.5	18.583	36.	8.	70.265	8.382	8.6	11.25	24.25	33.6

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Annual Analysis for 1990 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	34	22.85	20.547	26.6	0.6	46.626	6.828	8.65	17.975	25.425	25.75
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	7	0.5	0.614	1.2	0.3	0.118	0.344	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	34	236.	250.	341.	198.	1872.182	43.269	208.5	221.	261.	331.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	34	6.15	6.115	11.6	3.	3.017	1.737	3.35	5.4	7.025	7.9
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	31	7.	7.103	7.8	6.7	0.1	0.317	6.72	6.8	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	31	7.	7.006	7.8	6.7	0.11	0.332	6.72	6.8	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	31	0.1	0.099	0.2	0.016	0.003	0.059	0.032	0.04	0.158	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	8	52.	54.25	80.	38.	166.214	12.892	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	9	21.	16.556	25.	7.	57.028	7.552	7.	8.5	23.	25.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	9	0.889	0.939	1.42	0.598	0.062	0.25	0.598	0.775	1.11	1.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	9	0.086	0.083	0.106	0.042	0.	0.019	0.042	0.075	0.099	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	9	0.042	0.039	0.06	0.016	0.	0.012	0.016	0.032	0.044	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	9	0.018	0.018	0.034	0.	0.	0.012	0.	0.006	0.029	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	9	88.	89.556	128.	72.	309.778	17.601	72.	74.	98.	128.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	9	24.	33.	60.	14.	334.75	18.296	14.	18.	54.	60.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	102	25.4	24.77	30.8	16.7	13.497	3.674	18.6	23.175	27.725	28.97
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	26	0.6	0.646	1.2	0.4	0.035	0.188	0.4	0.5	0.7	0.93
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	98	331.	331.184	474.	140.	5523.389	74.32	229.	270.	390.25	424.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	96	5.95	6.011	10.	3.	1.996	1.413	4.4	5.2	6.6	8.02
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	92	7.3	7.286	8.6	6.5	0.112	0.334	6.9	7.	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	92	7.3	7.176	8.6	6.5	0.124	0.352	6.9	7.	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	92	0.05	0.067	0.316	0.003	0.002	0.049	0.025	0.032	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	28	80.	77.571	96.	44.	181.735	13.481	59.	68.	90.	90.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	19	10.	10.316	25.	2.	38.895	6.237	2.	7.	15.	21.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	20	0.808	0.769	1.42	0.	0.088	0.296	0.301	0.648	0.922	1.058
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	20	0.07	0.066	0.106	0.	0.001	0.027	0.004	0.057	0.083	0.097
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	20	0.03	0.032	0.08	0.	0.	0.019	0.001	0.022	0.044	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	28	0.008	0.011	0.031	0.004	0.	0.01	0.004	0.004	0.018	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	27	120.	112.	170.	10.	1541.538	39.262	42.	90.	140.	156.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	28	14.5	16.857	54.	6.	88.497	9.407	8.9	11.25	19.75	25.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	33	6.8	6.361	12.5	0.6	8.041	2.836	2.5	4.05	7.75	10.18
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	22	0.7	0.714	1.2	0.1	0.1	0.317	0.33	0.475	1.	1.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	33	286.	289.303	494.	82.	8696.28	93.254	201.6	233.5	330.5	462.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	31	8.5	6.861	12.	0.4	17.3	4.159	0.52	1.6	10.2	11.44
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	32	7.	7.075	8.	6.5	0.192	0.438	6.6	6.7	7.4	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	32	7.	6.905	8.	6.5	0.222	0.471	6.6	6.7	7.4	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	32	0.1	0.125	0.316	0.01	0.009	0.093	0.016	0.04	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	26	60.	63.	116.	28.	289.36	17.011	42.2	53.5	70.5	81.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	22	10.	16.682	64.	2.	284.418	16.865	4.	7.	19.75	54.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	22	0.576	0.589	1.41	0.	0.115	0.339	0.078	0.4	0.837	1.085
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	21	0.07	0.076	0.222	0.	0.003	0.052	0.005	0.047	0.098	0.168
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	20	0.038	0.036	0.075	0.	0.	0.021	0.001	0.024	0.049	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	24	0.026	0.023	0.05	0.	0.	0.014	0.002	0.013	0.034	0.042
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	25	102.	95.04	160.	4.	1149.04	33.897	38.4	83.	114.	128.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	27	17.	32.778	168.	8.	1470.026	38.341	10.	12.	31.	109.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	72	18.3	19.064	29.	8.6	29.624	5.443	9.93	15.125	23.875	25.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	15	0.5	0.567	0.9	0.1	0.05	0.223	0.28	0.4	0.8	0.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	71	245.	248.113	337.	181.	1377.987	37.121	198.	221.	284.	296.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	72	6.95	6.686	11.2	1.2	5.041	2.245	2.63	5.7	8.375	9.1
00400	PH (STANDARD UNITS)	10/11/83-09/11/90	72	7.1	7.178	8.9	6.4	0.267	0.517	6.5	6.8	7.5	7.87
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/11/90	72	7.1	6.943	8.9	6.4	0.323	0.569	6.5	6.8	7.5	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/11/90	72	0.079	0.114	0.398	0.001	0.012	0.108	0.014	0.032	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/11/90	20	60.	62.75	90.	40.	179.039	13.381	48.2	51.	71.5	87.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/11/90	17	12.	17.647	56.	6.	222.493	14.916	6.8	8.5	19.5	54.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/11/90	14	0.721	0.694	1.22	0.1	0.087	0.295	0.176	0.554	0.91	1.105
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/11/90	14	0.071	0.076	0.119	0.039	0.001	0.023	0.045	0.06	0.091	0.115
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/11/90	14	0.034	0.036	0.126	0.005	0.001	0.03	0.005	0.018	0.042	0.093
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/11/90	19	0.015	0.017	0.034	0.004	0.	0.01	0.004	0.007	0.024	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	21	86.	81.095	116.	6.	773.39	27.81	22.	75.	100.	108.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/11/90	20	18.	24.85	120.	7.	584.45	24.175	8.2	13.25	31.75	35.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0264

NPS Station ID: GWMP0264 LAT/LON: 38.861392/ -77.030560 Agency: 112WRD Date Created: 03/31/84
Location: POTOMAC RIVER AT DANGERFIELD ISLAND FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 385141077015000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010014200.00 RF3 Mile Point: 1.23 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/79-07/26/79	197	27.5	27.441	28.5	26.8	0.111	0.334	27.	27.3	27.5	28.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/26/79-07/26/79	97	24.	25.979	36.	18.	12.541	3.541	24.	24.	30.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/79-07/26/79	210	330.	333.248	380.	303.	371.412	19.272	310.	320.	345.	365.
00300	OXYGEN, DISSOLVED MG/L	03/26/79-07/26/79	197	5.9	6.029	8.1	4.7	0.586	0.765	5.2	5.4	6.6	7.1
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/26/79-07/26/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/26/79-07/26/79	53	9.4	10.483	21.	6.2	9.384	3.063	8.24	8.65	11.	15.2
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/26/79-07/26/79	52	5.65	6.042	14.	3.5	3.342	1.828	4.06	5.	6.65	8.17
00321	BOD, ULTIMATE SECOND STAGE MG/L	07/26/79-07/26/79	52	4.2	4.517	12.4	1.	6.086	2.467	1.52	2.925	5.475	7.81
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/26/79-07/26/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/79-07/26/79	197	7.7	7.693	8.3	7.3	0.06	0.246	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	03/26/79-07/26/79	197	7.7	7.631	8.3	7.3	0.064	0.254	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/79-07/26/79	197	0.02	0.023	0.05	0.005	0.	0.012	0.01	0.016	0.032	0.04
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	1.5	1.693	3.2	1.	0.398	0.631	1.06	1.3	1.9	3.08
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.48	0.509	0.93	0.	0.044	0.21	0.18	0.43	0.6	0.852
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.52	0.753	2.3	0.05	0.457	0.676	0.122	0.22	1.	2.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.03	0.029	0.04	0.02	0.	0.006	0.02	0.03	0.03	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.42	0.425	0.53	0.34	0.002	0.048	0.346	0.4	0.45	0.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	1.1	1.234	2.8	0.48	0.432	0.658	0.576	0.85	1.4	2.68
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/26/79-07/26/79	15	0.5	0.469	1.4	0.	0.097	0.311	0.12	0.3	0.55	0.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/79-07/26/79	15	1.4	1.704	3.1	0.86	0.511	0.715	1.004	1.2	2.3	3.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/26/79-07/26/79	15	0.5	0.473	0.6	0.4	0.004	0.059	0.4	0.4	0.5	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/79-07/26/79	15	0.119	0.141	0.23	0.095	0.002	0.045	0.099	0.114	0.164	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/79-07/26/79	15	0.03	0.046	0.12	0.011	0.001	0.034	0.012	0.018	0.06	0.108
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-07/26/79	15	6.8	6.52	9.2	3.3	3.087	1.757	3.72	5.	7.8	8.96
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/79-07/26/79	15	3.2	3.227	3.7	2.8	0.055	0.234	2.92	3.1	3.4	3.58
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	15	28.8	29.387	40.	21.6	33.14	5.757	22.08	23.2	32.	38.56
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	15	22.9	22.953	30.	15.7	16.55	4.068	15.88	20.3	25.6	29.04
32230	CHLOROPHYLL A (MG/L)	07/26/79-07/26/79	15	0.046	0.045	0.054	0.033	0.	0.006	0.036	0.041	0.05	0.053
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/79-07/26/79	15	0.67	0.972	3.	0.06	0.777	0.881	0.156	0.28	1.3	2.76
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/79-07/26/79	15	1.9	1.893	2.3	1.5	0.041	0.202	1.56	1.8	2.	2.18
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/26/79-07/26/79	15	0.1	0.098	0.13	0.07	0.	0.018	0.07	0.1	0.1	0.13
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	6	0.535	0.543	0.71	0.37	0.024	0.153	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/26/79-07/26/79	15	26.	25.333	52.	11.	111.667	10.567	12.2	15.	31.	41.8
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	51	0.27	0.288	0.6	0.08	0.015	0.121	0.142	0.21	0.37	0.476
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	52	0.19	0.185	0.31	0.07	0.002	0.05	0.13	0.15	0.22	0.247
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/26/79-07/26/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/26/79-07/26/79	52	7.65	7.35	10.2	1.1	2.606	1.614	5.56	6.6	8.2	9.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	197	0	0.00	98	0	0.00	99	0	0.00						
00400	PH	Other-Hi Lim.	9.	197	0	0.00	98	0	0.00	99	0	0.00						
		Other-Lo Lim.	6.5	197	0	0.00	98	0	0.00	99	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0265

NPS Station ID: GWMP0265 LAT/LON: 38.863059/ -77.009448 Agency: 21DCBAWQ Date Created: 10/11/86
Location: BUZZARD PT. POWER PLANT, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA23
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: BUZZARD PT. POWER PLANT, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	68	18.45	17.157	31.1	2.6	76.898	8.769	4.9	8.575	25.65	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	92.5	63.75	100.	0.	1848.333	42.992	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	2	0.5	0.5	0.7	0.3	0.08	0.283	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	65	277.	290.538	556.	78.	7275.221	85.295	201.	241.	332.	421.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	65	7.3	6.86	11.3	0.	6.191	2.488	3.02	5.45	8.5	10.34
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	61	7.3	7.246	8.4	6.1	0.239	0.489	6.64	6.9	7.55	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	61	7.3	6.998	8.4	6.1	0.302	0.549	6.64	6.9	7.55	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	61	0.05	0.1	0.794	0.004	0.016	0.128	0.013	0.028	0.126	0.233

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0265

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	65	8	0.12	25	2	0.08	20	3	0.15	20	3	0.15			
00400	PH	Other-Hi Lim.	9.	61	0	0.00	24	0	0.00	18	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	61	4	0.07	24	0	0.00	18	1	0.06	19	3	0.16			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.8	12.067	18.9	8.5	35.043	5.92	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	179.	202.333	350.	78.	18904.333	137.493	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	8.8	8.667	8.9	8.3	0.103	0.321	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	18.5	17.822	28.9	4.	89.499	9.46	4.	8.25	27.45	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	249.5	241.833	332.	150.	3612.967	60.108	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	6.35	7.025	10.5	5.2	3.045	1.745	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.3	7.32	7.7	6.8	0.152	0.39	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.3	7.183	7.7	6.8	0.175	0.419	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.05	0.066	0.158	0.02	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.3	19.95	28.	6.4	62.969	7.935	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	241.5	260.5	330.	210.	1921.429	43.834	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	7.5	7.887	10.3	5.8	2.147	1.465	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.4	7.6	8.3	7.1	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.389	7.428	8.3	7.1	0.254	0.504	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	8	0.041	0.037	0.079	0.005	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.8	18.15	28.5	5.	73.516	8.574	5.15	8.45	25.6	28.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	314.	348.2	464.	296.	3827.733	61.869	296.4	303.75	411.75	460.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	6.5	6.756	11.1	3.6	5.53	2.352	3.6	5.	8.5	11.1
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.35	7.38	8.4	6.8	0.268	0.518	6.8	6.95	7.575	8.37
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.347	7.179	8.4	6.8	0.313	0.56	6.8	6.95	7.575	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.045	0.066	0.158	0.004	0.003	0.056	0.004	0.032	0.115	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	11	16.1	15.818	29.4	2.6	91.954	9.589	3.32	7.1	25.9	28.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	11	261.	290.091	556.	126.	13398.291	115.751	138.6	235.	332.	528.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	11	5.6	5.2	9.2	0.	11.352	3.369	0.24	1.8	8.5	9.12
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.973	7.6	6.3	0.184	0.429	6.34	6.6	7.4	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.796	7.6	6.3	0.218	0.467	6.34	6.6	7.4	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	11	0.126	0.16	0.501	0.025	0.022	0.147	0.026	0.04	0.251	0.464

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	18.95	17.85	31.1	3.8	82.227	9.068	4.14	9.975	25.1	30.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	354.	339.8	464.	231.	6633.067	81.444	233.	262.25	406.5	460.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	7.1	7.	10.9	4.2	3.582	1.893	4.28	5.525	7.875	10.65
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.3	7.32	7.9	6.8	0.117	0.343	6.81	7.05	7.6	7.87
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.289	7.205	7.9	6.8	0.132	0.363	6.81	7.05	7.6	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.051	0.062	0.158	0.013	0.002	0.047	0.014	0.025	0.091	0.155

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	13.35	13.73	28.	2.7	95.64	9.78	2.73	3.375	24.2	27.71
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	290.5	299.4	450.	245.	3642.711	60.355	245.7	255.	312.25	439.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	8.3	7.644	11.3	1.7	10.965	3.311	1.7	5.05	10.65	11.3
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.15	7.18	8.1	6.1	0.371	0.609	6.15	6.825	7.8	8.07
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.125	6.813	8.1	6.1	0.52	0.721	6.15	6.825	7.8	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.075	0.154	0.794	0.008	0.056	0.237	0.009	0.016	0.157	0.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.6	19.886	26.9	6.8	65.878	8.117	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	220.	239.714	332.	185.	2366.571	48.647	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	6.7	6.257	8.	2.3	4.136	2.034	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.9	7.014	7.8	6.5	0.175	0.418	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.9	6.882	7.8	6.5	0.195	0.442	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.126	0.131	0.316	0.016	0.009	0.096	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	26	26.35	24.862	31.1	17.1	15.02	3.876	18.57	21.725	28.	28.77
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	319.	314.76	464.	209.	4419.107	66.476	230.6	257.	363.	410.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	25	6.5	6.332	9.2	2.3	2.691	1.64	3.96	5.25	7.5	8.66
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	24	7.3	7.342	8.3	6.8	0.184	0.429	6.8	6.925	7.6	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	24	7.3	7.178	8.3	6.8	0.212	0.461	6.8	6.925	7.6	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	24	0.05	0.066	0.158	0.005	0.003	0.051	0.009	0.025	0.119	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	22	6.45	6.718	12.9	2.6	8.745	2.957	2.79	3.95	8.575	12.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	22	281.	298.409	556.	78.	12704.444	112.714	158.7	232.75	369.	459.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	20	8.7	8.07	11.3	1.2	9.22	3.036	1.83	7.3	10.475	11.08
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.15	7.161	8.1	6.5	0.186	0.431	6.59	6.8	7.4	7.83
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	7.147	6.995	8.1	6.5	0.215	0.464	6.59	6.8	7.4	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.071	0.101	0.316	0.008	0.007	0.084	0.015	0.04	0.158	0.258

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	20	17.85	18.625	28.9	10.	32.066	5.663	10.54	14.275	23.825	25.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	18	248.	247.278	332.	126.	2532.095	50.32	179.1	217.5	286.5	307.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	20	6.7	6.31	10.3	0.	6.009	2.451	1.88	5.05	8.025	8.77
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.3	7.205	8.4	6.1	0.365	0.604	6.3	6.8	7.6	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.3	6.845	8.4	6.1	0.502	0.708	6.3	6.8	7.6	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.05	0.143	0.794	0.004	0.041	0.202	0.008	0.025	0.158	0.501

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0266

NPS Station ID: GWMP0266 LAT/LON: 38.863059/ -77.021671 Agency: 21DCBAWQ Date Created: 06/18/88
Location: WASHINGTON CHANNEL NORTH,WASH.DC FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PWC07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id: WASHINGTON CHANNEL NORTH
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 7.050 Distance from RF1: 5.20 On/Off RF1: ON
RF3 Index: 02070010073500.00 RF3 Mile Point: 1.53 Distance from RF3: 0.04 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH N LOCATION:DC WASHINGTON CHANNEL NORTH SIDE OF BRIDGE
PATINGNAGENCY: DC DEPT OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0267

NPS Station ID: GWMP0267 LAT/LON: 38.863059/ -77.029448 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROACHES RUN, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS25
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0093.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 1.410 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003200.53 RF3 Mile Point: 1.82 Distance from RF3: 0.20 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROACHES RUN, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	65	16.2	15.737	30.5	0.9	85.092	9.225	3.76	6.6	24.5	27.28
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.9	0.7	1.	0.2	0.19	0.436	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	57	295.	293.789	503.	120.	6938.812	83.3	174.4	239.5	334.5	424.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	65	8.5	8.566	13.8	1.	9.455	3.075	3.76	7.1	10.85	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	3 ##	0.5	0.9	1.7	0.5	0.48	0.693	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	54	7.8	7.813	8.9	7.	0.165	0.407	7.4	7.5	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	54	7.8	7.661	8.9	7.	0.189	0.435	7.4	7.5	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	54	0.016	0.022	0.1	0.001	0.	0.018	0.003	0.01	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-11/16/83	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	9.667	20.	4.	80.333	8.963	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	3	0.3	0.317	0.551	0.1	0.051	0.226	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.088	0.089	0.1	0.08	0.	0.01	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.047	0.056	0.082	0.038	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.031	0.042	0.066	0.03	0.	0.021	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/16/83-11/16/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	65	7	0.11	24	1	0.04	24	5	0.21	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	2	13.2	13.2	19.1	7.3	69.62	8.344	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	302.	302.	355.	249.	5618.	74.953	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	2	10.25	10.25	12.4	8.1	9.245	3.041	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	19.4	17.5	28.8	4.	108.809	10.431	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	151.	188.333	294.	120.	8614.333	92.813	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.05	9.387	13.	6.4	6.176	2.485	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	12.2	12.267	19.1	5.5	46.243	6.8	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	261.	265.333	295.	240.	770.333	27.755	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	10.9	10.767	12.7	8.7	4.013	2.003	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.7	7.867	8.2	7.7	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.7	7.812	8.2	7.7	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	3	0.02	0.015	0.02	0.006	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	19.1	15.145	28.6	0.9	124.671	11.166	1.1	4.5	26.8	28.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	330.	346.545	490.	255.	5538.073	74.418	259.2	284.	424.	478.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.3	7.782	13.8	1.	17.39	4.17	1.32	5.5	12.8	13.68
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	7.945	8.9	7.4	0.245	0.495	7.4	7.5	8.4	8.82
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	7.751	8.9	7.4	0.287	0.535	7.4	7.5	8.4	8.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.016	0.018	0.04	0.001	0.	0.014	0.002	0.004	0.032	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	12.3	14.492	29.1	2.4	98.457	9.923	2.61	6.4	25.625	28.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	270.	271.583	427.	149.	6233.72	78.954	160.7	199.75	323.25	405.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.2	6.083	11.7	1.1	12.276	3.504	1.16	2.65	8.825	11.01
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.6	7.591	8.	7.	0.103	0.321	7.04	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.6	7.477	8.	7.	0.117	0.342	7.04	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.025	0.033	0.1	0.01	0.001	0.028	0.01	0.016	0.05	0.093

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.3	17.4	30.5	4.7	67.187	8.197	5.26	10.75	24.65	30.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	339.	330.7	503.	166.	12443.122	111.549	166.9	231.25	416.5	496.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.3	8.9	11.7	6.5	3.269	1.808	6.56	7.1	10.35	11.61
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	9	7.9	7.844	8.5	7.2	0.133	0.364	7.2	7.6	8.05	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	9	7.9	7.71	8.5	7.2	0.153	0.391	7.2	7.6	8.05	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	9	0.013	0.019	0.063	0.003	0.	0.018	0.003	0.009	0.025	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	15.1	15.209	27.	1.6	90.409	9.508	1.96	4.8	24.5	26.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	305.	303.667	342.	224.	1173.5	34.256	224.	293.5	326.	342.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	9.7	9.773	13.7	7.1	4.206	2.051	7.22	7.8	10.5	13.5
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.9	7.973	8.7	7.5	0.15	0.388	7.52	7.6	8.3	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.9	7.846	8.7	7.5	0.168	0.41	7.52	7.6	8.3	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.013	0.014	0.032	0.002	0.	0.01	0.002	0.005	0.025	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.7	17.238	25.3	5.7	76.934	8.771	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	238.	238.571	315.	172.	1758.952	41.94	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.3	9.225	12.4	7.	5.325	2.308	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.55	7.713	8.7	7.4	0.181	0.426	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.547	7.603	8.7	7.4	0.195	0.441	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	8	0.028	0.025	0.04	0.002	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.85	24.167	30.5	15.1	16.108	4.013	17.65	21.55	26.85	28.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	331.5	341.15	490.	188.	5792.555	76.109	228.1	295.25	407.	435.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.15	7.225	10.1	1.1	2.82	1.679	5.8	6.775	8.075	9.2
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.6	7.676	8.3	7.	0.09	0.3	7.4	7.5	7.9	8.16
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.6	7.579	8.3	7.	0.1	0.316	7.4	7.5	7.9	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	21	0.025	0.026	0.1	0.005	0.	0.02	0.007	0.013	0.032	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	5.55	5.863	12.2	0.9	9.502	3.083	1.75	3.55	7.775	10.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	291.	286.652	503.	120.	6685.419	81.764	168.2	249.	321.	401.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	11.7	9.8	13.8	1.	16.868	4.107	1.95	9.25	12.7	13.45
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	20	7.9	7.955	8.7	7.2	0.167	0.408	7.5	7.7	8.175	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	20	7.9	7.795	8.7	7.2	0.194	0.44	7.5	7.7	8.175	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	20	0.013	0.016	0.063	0.002	0.	0.014	0.002	0.007	0.02	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.2	17.776	28.8	7.	46.286	6.803	8.6	11.7	24.2	27.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	243.5	237.857	331.	149.	3200.44	56.572	157.5	174.25	285.75	316.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.7	8.718	11.4	2.4	4.513	2.124	6.08	7.75	10.35	11.16
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	13	7.6	7.815	8.9	7.2	0.25	0.5	7.24	7.5	8.15	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	13	7.6	7.628	8.9	7.2	0.288	0.536	7.24	7.5	8.15	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	13	0.025	0.024	0.063	0.001	0.	0.018	0.002	0.008	0.032	0.058

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0268

NPS Station ID: GWMP0268 LAT/LON: 38.865004/ -77.101392 Agency: 21VASWCB Date Created: 04/10/93
Location: QUINCY STREET (ARLINGTON) FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ADOC001.16
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: DOCTORS RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/87-07/08/87	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/08/87-07/08/87	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/08/87-07/08/87	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/08/87-07/08/87	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/87-07/08/87	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/87-07/08/87	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/87-07/08/87	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/08/87-07/08/87	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/08/87-07/08/87	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/87-07/08/87	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/08/87-07/08/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/08/87-07/08/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/08/87-07/08/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/08/87-07/08/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/87-07/08/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/87-07/08/87	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/08/87-07/08/87	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/87-07/08/87	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/87-07/08/87	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/08/87-07/08/87	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/87-07/08/87	1	112.	112.	112.	112.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/08/87-07/08/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/87-07/08/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/87-07/08/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/08/87-07/08/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/87-07/08/87	1	620.	620.	620.	620.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/08/87-07/08/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/08/87-07/08/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/08/87-07/08/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/87-07/08/87	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1500.								
71900	MERCURY, TOTAL (UG/L AS HG)	07/08/87-07/08/87	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0269

NPS Station ID: GWMP0269
LAT/LON: 38.865281/ -77.045837
Agency: 1113TIWQ
Date Created: / /
Location: PENTAGON STP ARLINGTON,VA.
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 039 /039 /STP-J
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010034
RF1 Mile Point: 1.030
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0269

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0270

NPS Station ID: GWMP0270 LAT/LON: 38.866392/ -77.007226 Agency: 21DCBAWQ Date Created: 10/11/86
Location: S. CAPITAL ST. BRIDGE SOUTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA22
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 0.290 Distance from RF1: 16.70 On/Off RF1: OFF
RF3 Index: 02070010068302.14 RF3 Mile Point: 8.71 Distance from RF3: 0.61 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: S. CAPITAL ST. BRIDGE SOUTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	70	17.95	16.896	30.4	2.9	74.744	8.645	4.28	8.425	25.275	27.73
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	92.5	63.75	100.	0.	1848.333	42.992	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-11/17/83	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	67	280.	299.	582.	75.	8231.818	90.729	205.	245.	335.	424.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	67	6.5	6.442	11.4	0.8	5.643	2.376	3.16	5.2	7.9	9.54
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	63	7.1	7.094	8.3	6.	0.196	0.443	6.6	6.8	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	63	7.1	6.88	8.3	6.	0.243	0.493	6.6	6.8	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	63	0.079	0.132	1.	0.005	0.028	0.167	0.025	0.05	0.158	0.251

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	67	10	0.15	25	3	0.12	21	3	0.14	21	4	0.19			
00400	PH	Other-Hi Lim.	9.	63	0	0.00	24	0	0.00	19	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	63	5	0.08	24	0	0.00	19	2	0.11	20	3	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.8	12.067	18.9	8.5	35.043	5.92	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	172.	197.333	345.	75.	18706.333	136.771	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	8.8	8.167	9.	6.7	1.623	1.274	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	18.	17.833	29.	4.2	88.425	9.403	4.2	8.3	27.4	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	251.5	254.333	325.	150.	3694.667	60.784	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	6.25	6.3	9.5	3.6	3.254	1.804	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.3	7.22	7.6	6.8	0.087	0.295	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	7.3	7.139	7.6	6.8	0.095	0.309	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.05	0.073	0.158	0.025	0.003	0.052	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.8	20.1	28.3	6.5	64.557	8.035	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	241.5	254.375	320.	205.	1991.696	44.628	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	7.65	7.538	9.7	4.5	2.66	1.631	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.45	7.525	8.3	7.	0.211	0.459	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.425	7.356	8.3	7.	0.243	0.493	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	8	0.038	0.044	0.1	0.005	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.8	18.21	28.9	5.	72.841	8.535	5.21	8.75	25.6	28.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	318.5	348.9	462.	270.	4272.322	65.363	272.7	298.5	410.5	457.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	6.8	6.489	11.4	3.	5.844	2.417	3.	4.65	7.55	11.4
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.3	7.28	8.3	6.8	0.188	0.434	6.8	6.875	7.4	8.21
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.3	7.136	8.3	6.8	0.211	0.46	6.8	6.875	7.4	8.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.05	0.073	0.158	0.005	0.003	0.054	0.008	0.04	0.134	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	12	13.3	14.867	29.4	2.9	94.937	9.744	3.02	6.575	25.6	28.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	12	275.	319.167	582.	189.	12930.879	113.714	205.5	246.25	392.75	548.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	12	6.15	5.708	9.9	0.8	9.51	3.084	0.86	2.65	8.2	9.66
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	12	6.75	6.767	7.5	6.	0.173	0.416	6.09	6.525	7.15	7.41
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	12	6.747	6.589	7.5	6.	0.208	0.456	6.09	6.525	7.15	7.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	12	0.179	0.258	1.	0.032	0.072	0.268	0.041	0.072	0.3	0.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.05	17.89	30.4	3.8	80.985	8.999	4.14	9.975	25.275	30.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	353.5	345.4	509.	240.	8434.711	91.841	240.9	257.25	407.	503.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	5.8	6.26	10.	3.7	3.352	1.831	3.78	5.25	7.65	9.81
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.05	7.14	7.7	6.7	0.083	0.288	6.72	6.975	7.325	7.67
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.047	7.063	7.7	6.7	0.089	0.299	6.72	6.975	7.325	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.09	0.086	0.2	0.02	0.003	0.052	0.022	0.048	0.106	0.192

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	11	14.1	13.309	25.	3.1	66.395	8.148	3.2	3.8	18.4	24.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	11	295.	313.364	537.	253.	6320.255	79.5	254.4	267.	337.	498.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	7.1	6.78	11.1	1.5	11.455	3.385	1.55	3.425	9.675	11.01
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.982	7.6	6.1	0.212	0.46	6.18	6.7	7.5	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.751	7.6	6.1	0.27	0.52	6.18	6.7	7.5	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	11	0.126	0.177	0.794	0.025	0.049	0.222	0.026	0.032	0.2	0.699

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.5	19.914	26.9	6.8	65.565	8.097	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	220.	237.143	328.	180.	2398.81	48.978	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	5.7	5.586	7.6	3.2	1.905	1.38	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.914	7.3	6.7	0.051	0.227	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.869	7.3	6.7	0.054	0.232	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.158	0.135	0.2	0.05	0.003	0.059	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	26	26.2	24.512	30.4	17.2	15.945	3.993	18.28	20.65	27.275	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	312.	310.4	462.	205.	4628.417	68.032	213.4	251.5	360.5	409.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	25	6.	6.012	9.1	3.	2.706	1.645	3.5	5.	6.75	9.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	24	7.2	7.238	8.3	6.7	0.166	0.407	6.8	6.825	7.475	7.85
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	24	7.2	7.094	8.3	6.7	0.187	0.433	6.8	6.825	7.475	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	24	0.063	0.081	0.2	0.005	0.003	0.058	0.015	0.034	0.15	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	6.5	6.709	13.1	2.9	8.554	2.925	3.18	3.8	8.5	11.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	23	296.	321.696	582.	75.	16061.221	126.733	158.8	244.	418.	525.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	7.8	7.481	11.4	0.8	9.166	3.027	1.16	6.5	9.7	10.92
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.	7.005	7.6	6.	0.152	0.389	6.5	6.8	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	7.	6.805	7.6	6.	0.194	0.44	6.5	6.8	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.1	0.157	1.	0.025	0.047	0.218	0.032	0.05	0.158	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	21	17.9	18.624	29.	10.2	30.647	5.536	10.68	14.2	23.65	25.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	19	253.	256.526	325.	180.	1638.819	40.482	189.	236.	280.	325.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	5.9	5.914	9.7	1.5	4.553	2.134	2.32	4.55	7.55	8.94
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	20	7.05	7.005	8.3	6.1	0.254	0.504	6.32	6.7	7.3	7.67
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	20	7.047	6.77	8.3	6.1	0.312	0.559	6.32	6.7	7.3	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	20	0.09	0.17	0.794	0.005	0.036	0.19	0.022	0.05	0.2	0.483

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0271

NPS Station ID: GWMP0271 LAT/LON: 38.866670/ -76.975004 Agency: 21DCBAWQ Date Created: 10/28/86
Location: FORT STANTON, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TFS01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 2.120 Distance from RF1: 11.70 On/Off RF1: OFF
RF3 Index: 02070010068302.14 RF3 Mile Point: 6.19 Distance from RF3: 0.87 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FORT STANTON, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	63	13.	12.721	23.5	0.	49.89	7.063	3.2	6.1	19.1	22.48
00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-06/09/86	6	0.5	0.483	1.	0.1	0.09	0.299	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	62	323.	319.194	1370.	107.	28894.683	169.984	145.4	242.25	356.25	441.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	62	8.55	8.727	12.9	0.2	8.536	2.922	5.28	7.375	11.025	12.37
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	57	1.1	1.667	10.	0.5	3.518	1.876	0.5	0.5	1.55	4.32
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	57	6.9	6.949	8.4	6.1	0.213	0.461	6.46	6.65	7.2	7.44
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	57	6.9	6.753	8.4	6.1	0.252	0.502	6.46	6.65	7.2	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	57	0.126	0.177	0.794	0.004	0.032	0.178	0.037	0.063	0.225	0.353
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	65	48.	52.031	128.	10.	354.437	18.826	38.	40.	60.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	49	8.	36.327	634.	0.	10125.599	100.626	2.	3.	20.5	103.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	55	0.069	0.074	0.277	0.	0.002	0.046	0.02	0.046	0.093	0.133
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	67 ##	0.005	0.012	0.139	0.005	0.	0.021	0.005	0.005	0.011	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	67	0.49	0.603	1.73	0.04	0.158	0.398	0.15	0.29	0.9	1.246
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	57	0.246	0.416	4.65	0.	0.657	0.811	0.026	0.1	0.349	0.762
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	44	0.021	0.211	4.65	0.	0.68	0.825	0.005	0.011	0.037	0.148
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	45	0.012	0.016	0.071	0.	0.	0.016	0.005	0.005	0.019	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	64 ##	0.004	0.01	0.12	0.	0.	0.02	0.004	0.004	0.007	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/12/83-04/22/85	3	2.2	4.733	10.	2.	20.813	4.562	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/12/83-04/22/85	3	2.1	3.2	7.	0.5	11.47	3.387	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	64	120.	126.391	261.	62.	1239.797	35.211	94.	110.	135.5	160.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/83-12/12/83	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	38	4.9	6.261	49.8	2.3	53.911	7.342	3.98	4.3	5.625	6.98
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/84-07/09/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/84-07/09/90	18 ##	5.	5.472	11.	2.5	3.72	1.929	4.75	5.	5.	10.1
01042	COPPER, TOTAL (UG/L AS CU)	01/30/84-07/09/90	18 ##	12.25	9.139	12.5	5.	14.524	3.811	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	01/30/84-07/09/90	18	1106.5	1278.778	2981.	22.	776988.301	881.469	41.8	669.25	1858.75	2881.1
01051	LEAD, TOTAL (UG/L AS PB)	01/30/84-07/09/90	18 ##	25.	24.	25.	7.	18.	4.243	23.2	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/84-07/09/90	18	30.	80.833	676.	0.	23932.265	154.701	6.3	18.	93.25	207.1
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	5	7900.	44262.	120000.	110.	3283122220.	57298.536	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/17/83-07/17/89	5	3.898	3.819	5.079	2.041	1.64	1.281	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6594.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	38	335.	7419.921	100000.	10.	486609122.399	22059.219	10.	72.5	1550.	15200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	38	2.525	2.639	5.	1.	1.194	1.093	1.	1.852	3.176	4.157
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			435.348								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	2	2620.	2620.	4500.	740.	7068800.	2658.721	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	2	3.261	3.261	3.653	2.869	0.307	0.554	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			1824.829								
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/84-07/09/90	18	## 0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	65	17.	55.169	702.	5.	14059.018	118.571	6.6	10.5	30.5	130.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0271

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	5	0.08	20	0	0.00	24	3	0.13	18	2	0.11			
00400	PH	Other-Hi Lim.	9.	57	0	0.00	20	0	0.00	21	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	57	9	0.16	20	1	0.05	21	6	0.29	16	2	0.13			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	67	0	0.00	23	0	0.00	25	0	0.00	19	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	67	0	0.00	23	0	0.00	25	0	0.00	19	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	3	0.17	7	1	0.14	6	1	0.17	5	1	0.20			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4 &	3	0.75	2	1	0.50	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37 &	23	0.62	12	9	0.75	14	6	0.43	11	8	0.73			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	65	12	0.18	22	3	0.14	25	5	0.20	18	4	0.22			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.078	0.078	0.078	0.078	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	1	90.	90.	90.	90.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	7	14.	13.943	22.	5.8	42.17	6.494	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	7	220.	228.286	338.	170.	3639.238	60.326	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	7	7.8	5.257	9.	0.2	14.69	3.833	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	7	40.	45.429	64.	38.	118.286	10.876	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	8	0.08	0.068	0.093	0.01	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	8	0.94	0.911	1.3	0.46	0.131	0.362	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	8	0.007	0.007	0.012	0.004	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	7	110.	105.429	132.	62.	516.952	22.737	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	7	24.	48.857	222.	5.	5964.476	77.23	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	10	17.4	15.57	23.4	2.8	52.913	7.274	2.91	10.725	22.05	23.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	10	166.5	184.4	341.	107.	5771.378	75.97	107.1	118.5	232.	333.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	10	7.95	8.39	11.8	3.8	5.385	2.321	4.14	7.35	10.25	11.78
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	9	1.1	1.478	3.8	0.5	1.252	1.119	0.5	0.75	2.1	3.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	10	42.	43.8	60.	30.	62.622	7.913	31.	40.	48.5	59.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9 ##	0.02	0.036	0.065	0.02	0.	0.02	0.02	0.02	0.058	0.065
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9 ##	0.005	0.005	0.006	0.005	0.	0.	0.005	0.005	0.005	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.27	0.313	0.6	0.09	0.024	0.153	0.09	0.22	0.43	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	9 ##	0.004	0.006	0.026	0.004	0.	0.007	0.004	0.004	0.004	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	10	122.	123.	190.	66.	1002.889	31.668	68.6	113.	133.	184.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	10	13.5	43.3	324.	6.	9742.011	98.702	6.	9.	16.25	293.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	12	10.8	12.683	22.6	1.8	58.609	7.656	2.19	5.35	20.125	22.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	12	321.5	339.667	671.	130.	16422.788	128.151	172.9	279.5	361.	602.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	12	9.95	9.575	12.9	4.8	6.258	2.502	5.49	7.675	11.9	12.81
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	12 ##	0.85	1.558	6.3	0.5	2.883	1.698	0.5	0.5	1.975	5.31

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	12	50.	48.833	94.	10.	616.333	24.826	11.8	34.	55.	92.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.058	0.068	0.156	0.	0.002	0.04	0.012	0.043	0.096	0.142
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.014	0.015	0.064	0.005	0.	0.016	0.005	0.005	0.016	0.052
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.335	0.492	1.12	0.09	0.148	0.385	0.093	0.16	0.913	1.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	12 ##	0.004	0.008	0.048	0.	0.	0.013	0.	0.004	0.006	0.039
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	12	113.	122.167	230.	68.	1531.242	39.131	77.	104.5	136.	203.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	12	13.	37.167	120.	6.	1816.879	42.625	7.2	11.	79.	115.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	10	9.7	10.75	23.5	3.1	53.281	7.299	3.11	3.275	16.85	23.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	10	354.5	454.1	1370.	245.	107605.433	328.033	250.3	318.25	422.	1281.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	10	9.95	10.29	12.9	7.2	3.517	1.875	7.32	9.	12.175	12.85
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	11	1.3	2.709	6.6	0.5	4.725	2.174	0.5	1.	4.8	6.28
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	11	66.	68.364	90.	46.	178.255	13.351	46.8	60.	80.	88.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.086	0.108	0.277	0.045	0.005	0.072	0.045	0.06	0.133	0.277
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12 ##	0.008	0.021	0.087	0.005	0.001	0.025	0.005	0.005	0.032	0.076
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.645	0.698	1.73	0.14	0.212	0.46	0.143	0.345	0.993	1.523
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	12 ##	0.004	0.012	0.044	0.004	0.	0.016	0.004	0.004	0.026	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	11	150.	157.909	261.	114.	2002.491	44.749	116.	124.	160.	252.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	11	28.	143.364	702.	5.	61483.455	247.959	5.6	19.	138.	675.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	11	14.	12.218	21.7	4.9	34.762	5.896	4.96	6.1	17.4	21.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	11	343.	345.	437.	237.	3089.4	55.582	247.8	322.	384.	433.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	11	7.6	8.845	12.3	6.4	4.199	2.049	6.52	7.2	10.8	12.06
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	11 ##	1.1	1.727	10.	0.5	7.704	2.776	0.5	0.5	1.4	8.32
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	12	53.	53.333	80.	40.	166.061	12.886	40.	40.5	60.	76.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.058	0.054	0.083	0.02	0.001	0.032	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12 ##	0.005	0.017	0.139	0.005	0.001	0.039	0.005	0.005	0.005	0.101
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.37	0.633	1.46	0.04	0.275	0.525	0.079	0.18	1.253	1.403
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	10 ##	0.004	0.012	0.087	0.004	0.001	0.026	0.004	0.004	0.004	0.079
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	12	127.	132.667	200.	106.	800.242	28.289	106.	110.	152.	188.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	12	12.5	29.	126.	7.	1588.545	39.857	7.3	8.25	20.75	118.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	9	10.5	11.511	23.4	0.	71.886	8.479	0.	3.25	18.7	23.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	8	334.5	358.25	455.	303.	3528.5	59.401	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	8	9.15	9.712	12.5	7.3	5.136	2.266	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	10 ##	0.5	1.12	4.2	0.5	1.328	1.153	0.5	0.5	1.4	3.92
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	9	44.	44.667	54.	38.	27.	5.196	38.	40.	49.	54.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10	0.083	0.089	0.162	0.02	0.002	0.043	0.024	0.059	0.118	0.161

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Annual Analysis for 1989 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10 ##	0.005	0.008	0.022	0.005	0.	0.006	0.005	0.005	0.007	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10	0.585	0.581	0.9	0.29	0.054	0.231	0.294	0.338	0.803	0.897
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	9 ##	0.004	0.018	0.12	0.004	0.001	0.038	0.004	0.004	0.011	0.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	9	114.	107.556	122.	78.	255.778	15.993	78.	94.	119.	122.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	9	17.	31.	144.	6.	1861.75	43.148	6.	11.	27.5	144.

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Annual Analysis for 1990 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	3	10.9	13.533	23.5	6.2	80.023	8.946	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	3	329.	310.	351.	250.	2821.	53.113	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	3	8.9	9.	11.6	6.5	6.51	2.551	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-07/09/90	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	3	40.	68.667	128.	38.	2641.333	51.394	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.093	0.093	0.12	0.067	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.75	0.703	0.77	0.59	0.01	0.099	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	3	116.	119.333	128.	114.	57.333	7.572	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	3	26.	23.667	35.	10.	160.333	12.662	**	**	**	**

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Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	21	18.3	17.419	23.5	0.	37.516	6.125	8.94	13.9	22.7	23.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	20	319.5	298.45	437.	122.	6017.418	77.572	142.1	255.75	345.25	361.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	20	7.65	7.925	11.8	4.8	2.336	1.528	6.41	7.125	8.925	10.15
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	20	7.	7.095	8.4	6.2	0.272	0.522	6.6	6.8	7.275	8.15
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	20	6.989	6.878	8.4	6.2	0.322	0.567	6.6	6.8	7.275	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	20	0.103	0.132	0.631	0.004	0.019	0.138	0.008	0.053	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	22	56.	58.273	128.	16.	530.398	23.03	33.	43.5	66.	89.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	15	6.	11.267	36.	0.	147.924	12.162	1.2	2.	21.	34.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	19	0.05	0.055	0.162	0.01	0.001	0.037	0.02	0.02	0.067	0.105
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	23 ##	0.005	0.015	0.139	0.005	0.001	0.029	0.005	0.005	0.014	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	23	0.29	0.364	1.46	0.09	0.09	0.301	0.11	0.17	0.48	0.728
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	19	0.203	0.197	0.442	0.	0.02	0.14	0.02	0.1	0.331	0.389
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	14	0.017	0.02	0.049	0.005	0.	0.013	0.006	0.011	0.028	0.044
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	14	0.011	0.013	0.028	0.005	0.	0.008	0.005	0.005	0.022	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	23 ##	0.004	0.013	0.12	0.	0.001	0.029	0.004	0.004	0.004	0.059
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	22	129.	121.364	160.	68.	547.576	23.4	79.8	108.5	134.5	151.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	13	4.8	5.415	8.1	4.	1.69	1.3	4.04	4.3	6.55	7.54
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	12	856.5	8491.583	92000.	10.	692371584.992	26312.955	40.	182.5	1274.	65390.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	12	2.925	2.841	4.964	1.	0.892	0.945	1.312	2.218	3.105	4.53
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			694.223								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	22	12.	28.818	138.	5.	1498.442	38.71	6.	8.	29.75	117.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	24	5.4	6.058	14.5	1.8	11.977	3.461	2.95	3.225	7.5	12.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	24	346.5	368.333	1370.	108.	61773.362	248.542	149.	196.25	413.	563.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	24	11.55	10.167	12.9	0.6	11.228	3.351	3.3	9.725	12.375	12.75
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	21	6.8	6.814	8.1	6.1	0.189	0.435	6.22	6.5	7.05	7.2
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	21	6.8	6.647	8.1	6.1	0.219	0.467	6.22	6.5	7.05	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	21	0.158	0.225	0.794	0.008	0.04	0.2	0.063	0.09	0.316	0.605
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	25	44.	48.64	90.	10.	252.907	15.903	38.	40.	55.	74.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	20	8.	61.65	634.	0.	22657.818	150.525	2.	2.5	31.25	278.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	20	0.082	0.081	0.16	0.	0.002	0.041	0.022	0.057	0.098	0.156
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	25 ##	0.005	0.012	0.087	0.005	0.	0.02	0.005	0.005	0.008	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	25	0.9	0.82	1.73	0.04	0.189	0.435	0.13	0.44	1.17	1.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	23	0.248	0.698	4.65	0.02	1.49	1.221	0.034	0.1	0.506	3.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	18	0.028	0.477	4.65	0.005	1.592	1.262	0.005	0.016	0.114	3.219
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	19	0.013	0.023	0.071	0.005	0.	0.022	0.005	0.005	0.037	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	22 ##	0.004	0.01	0.048	0.	0.	0.013	0.004	0.004	0.009	0.039
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	24	121.	137.708	261.	66.	1910.737	43.712	107.	114.	157.5	215.
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	13	4.9	4.531	5.3	2.3	0.727	0.853	2.86	4.	5.15	5.26
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	15	140.	10976.533	100000.	10.	693694983.124	26338.09	10.	20.	7900.	61000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	15	2.146	2.507	5.	1.	1.961	1.4	1.	1.301	3.898	4.726
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			321.655								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	25	17.	44.76	324.	5.	4844.273	69.601	6.6	11.5	35.	129.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	18	17.2	16.122	22.	10.	19.427	4.408	10.45	10.875	19.85	21.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	18	282.5	276.722	485.	107.	7554.683	86.918	127.7	233.25	329.25	365.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	18	8.05	7.7	11.	0.2	8.031	2.834	0.74	7.575	9.375	10.37
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	16	6.95	6.944	7.6	6.1	0.144	0.379	6.38	6.65	7.2	7.46
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	16	6.947	6.775	7.6	6.1	0.174	0.418	6.38	6.65	7.2	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	16	0.113	0.168	0.794	0.025	0.035	0.187	0.035	0.063	0.228	0.46
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	18	43.	49.111	90.	32.	245.752	15.676	37.4	39.5	55.	81.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	14	8.	27.	148.	2.	2307.385	48.035	2.	4.	15.5	139.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	16	0.079	0.088	0.277	0.02	0.003	0.056	0.034	0.063	0.094	0.167
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	19 ##	0.005	0.009	0.032	0.005	0.	0.009	0.005	0.005	0.005	0.031
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	19	0.5	0.605	1.3	0.27	0.078	0.279	0.32	0.35	0.77	1.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	15	0.251	0.26	0.728	0.027	0.038	0.196	0.027	0.092	0.346	0.606
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	12	0.025	0.036	0.179	0.	0.002	0.048	0.	0.007	0.041	0.142
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	12	0.005	0.007	0.014	0.	0.	0.005	0.	0.005	0.012	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	19 ##	0.004	0.008	0.039	0.004	0.	0.01	0.004	0.004	0.008	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/84-07/09/90	18	113.	117.444	220.	62.	1034.732	32.167	89.	104.5	121.	164.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	12	5.25	9.05	49.8	4.	165.832	12.878	4.03	4.65	6.6	37.17
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	11	330.	1400.909	9400.	10.	7468289.091	2732.817	24.	140.	1100.	7980.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-01/22/90	11	2.519	2.597	3.973	1.	0.613	0.783	1.181	2.146	3.041	3.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			395.362								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	18	19.	101.833	702.	9.	40874.5	202.174	9.	13.75	46.	583.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0272

NPS Station ID: GWMP0272 LAT/LON: 38.866670/ -76.991670 Agency: 31POTOMA Date Created: 01/24/81
Location: ANACOSTIA AT DOUGLAS BRIDGE TRANS FD1 FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101018.1 /FD-1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.85 RF3 Mile Point: 4.50 Distance from RF3: 0.10 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM NORTHERN SHORE

Parameter Inventory for Station: GWMP0272

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0273

NPS Station ID: GWMP0273 LAT/LON: 38.866670/ -76.991670 Agency: 31POTOMA Date Created: 01/24/81
Location: ANACOSTIA AT DOUGLAS BRIDGE TRANS FD2 FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101018.2 /FD-2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT SECOND BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0274

NPS Station ID: GWMP0274 LAT/LON: 38.866670/ -76.991670 Agency: 31POTOMA Date Created: 01/24/81
Location: ANACOSTIA AT DOUGLAS BRIDGE TRANS FD4 FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101018.4 /FD-4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 22 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0274

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0275

NPS Station ID: GWMP0275 LAT/LON: 38.866670/ -76.991670 Agency: 31POTOMA Date Created: 01/24/81
Location: ANACOSTIA AT DOUGLAS BRIDGE TRANS FD6 FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101018.6 /FD-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 13 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT SIXTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0276

NPS Station ID: GWMP0276 LAT/LON: 38.866670/ -76.991670 Agency: 31POTOMA Date Created: 01/24/81
Location: ANACOSTIA AT DOUGLAS BRIDGE TRANS FD9 FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101018.9 /FD-9
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM SOUTHERN SHORE

Parameter Inventory for Station: GWMP0276

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0277

NPS Station ID: GWMP0277
LAT/LON: 38.868059/ -77.031949
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 6 HAINES PT.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385205077015500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.61
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-08/31/83	3	25.	23.667	28.	18.	26.333	5.132	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-08/31/83	3	21.	19.167	21.2	15.3	11.223	3.35	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-08/31/83	3	12.2	13.733	21.8	7.2	55.053	7.42	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-08/31/83	3	27.2	25.933	31.7	18.9	42.163	6.493	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0278

NPS Station ID: GWMP0278 LAT/LON: 38.868338/ -76.969449 Agency: 21DCBAWQ Date Created: 10/28/86
Location: TEXAS AVENUE, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TTX27
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: TEXAS AVENUE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	61	13.3	13.434	24.3	4.7	33.151	5.758	5.9	7.85	18.55	21.36
00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-04/14/86	5	0.5	0.5	1.	0.2	0.095	0.308	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	61	723.	651.361	1020.	172.	37869.168	194.6	334.4	522.5	773.5	835.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	60	8.45	8.243	11.6	0.6	5.525	2.35	6.02	7.4	9.775	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	56	1.6	2.34	20.	0.5	8.36	2.891	0.5	1.1	2.65	4.94
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	57	6.9	6.86	7.7	4.9	0.187	0.433	6.46	6.6	7.15	7.32
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	57	6.9	6.409	7.7	4.9	0.394	0.628	6.46	6.6	7.15	7.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	57	0.126	0.39	12.589	0.02	2.726	1.651	0.048	0.071	0.251	0.353
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	63	66.	65.873	204.	0.	549.532	23.442	48.	56.	72.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	47	13.	23.894	267.	0.	1630.923	40.385	4.4	8.	25.	56.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	52	0.437	0.413	1.45	0.	0.047	0.216	0.168	0.301	0.51	0.581
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	64	0.017	0.026	0.292	0.005	0.002	0.04	0.005	0.005	0.028	0.05
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	64	0.77	0.794	2.28	0.19	0.085	0.292	0.455	0.665	0.92	1.045
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	54	0.766	1.254	29.7	0.	15.726	3.966	0.176	0.347	0.936	1.355
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	41	0.044	0.058	0.225	0.	0.003	0.054	0.006	0.031	0.066	0.177
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	42	0.012	0.016	0.082	0.	0.	0.018	0.005	0.005	0.017	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	61 ##	0.004	0.012	0.221	0.	0.001	0.033	0.004	0.004	0.004	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/12/83-04/22/85	3	4.3	7.433	14.	4.	32.363	5.689	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/12/83-04/22/85	3	3.8	5.267	9.	3.	10.613	3.258	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	61	204.	200.623	296.	70.	1433.139	37.857	162.	190.	224.	240.8
00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/83-12/12/83	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	35	6.4	6.103	7.4	3.	1.126	1.061	4.22	5.8	6.8	7.18
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-07/09/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/84-07/09/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/84-07/09/90	18 ##	5.	4.861	5.	2.5	0.347	0.589	4.75	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/84-07/09/90	18 ##	8.75	8.778	13.	5.	15.124	3.889	5.	5.	12.5	12.55
01045	IRON, TOTAL (UG/L AS FE)	01/30/84-07/09/90	18	2676.	6875.944	60100.	36.	189014705.467	13748.262	55.8	1779.	5692.	19600.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/84-07/09/90	18 ##	25.	59.917	676.	2.5	23668.36	153.845	22.75	25.	25.	90.1
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/84-07/09/90	18	59.5	75.056	249.	0.	3338.997	57.784	25.2	39.75	102.25	161.7
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-07/09/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/12/83-07/17/89	3	3300.	55200.	160000.	2300.	8237530000.	90760.84	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/12/83-07/17/89	3	3.519	4.028	5.204	3.362	1.043	1.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10668.923								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	36	745.	7025.861	160000.	18.	729345407.323	27006.396	48.5	330.	2150.	10600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	36	2.871	2.885	5.204	1.255	0.697	0.835	1.685	2.519	3.329	3.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			767.249								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	2	990.	990.	1200.	780.	88200.	296.985	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/10/90-07/09/90	2	2.986	2.986	3.079	2.892	0.018	0.132	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			967.471								
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/84-07/09/90	18 ##	0.1	0.106	0.2	0.1	0.001	0.024	0.1	0.1	0.1	0.11
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	63	28.	46.27	324.	7.	3209.523	56.653	11.8	18.	40.	93.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0278

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	4	0.07	20	1	0.05	24	3	0.13	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	57	0	0.00	21	0	0.00	21	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	57	10	0.18	21	1	0.05	21	5	0.24	15	4	0.27			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	1	0.06	7	1	0.14	6	0	0.00	5	0	0.00			
		Drinking Water	15.	2 &	1	0.50	1	1	1.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	3	0.17	7	1	0.14	6	1	0.17	5	1	0.20			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	29	0.81	11	10	0.91	14	10	0.71	11	9	0.82			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	63	14	0.22	21	7	0.33	25	5	0.20	17	2	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	1	0.043	0.043	0.043	0.043	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	1	60.	60.	60.	60.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	4	7.8	7.475	9.3	5.	3.389	1.841	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	4	427.5	460.25	591.	395.	8036.917	89.649	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	4	4.9	5.2	9.8	1.2	18.853	4.342	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	2	7.2	7.2	7.6	6.8	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	2	7.037	7.037	7.6	6.8	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	2	0.092	0.092	0.158	0.025	0.009	0.094	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	5	56.	55.2	66.	48.	49.2	7.014	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	5	0.465	0.627	1.45	0.21	0.228	0.478	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	5 ##	0.005	0.009	0.024	0.005	0.	0.008	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	5	0.86	0.846	0.92	0.72	0.007	0.084	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	5	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	5	194.	200.	224.	170.	494.	22.226	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	5	18.	18.2	21.	17.	2.7	1.643	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	9	16.6	16.744	24.3	6.8	23.795	4.878	6.8	14.5	19.8	24.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	9	420.	425.111	726.	200.	28608.111	169.139	200.	278.	562.	726.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	9	7.6	8.044	10.8	6.3	1.963	1.401	6.3	7.1	9.15	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	9	1.8	2.567	6.5	0.5	3.858	1.964	0.5	1.1	4.05	6.5
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	8	6.85	6.675	7.4	4.9	0.616	0.785	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	8	6.825	5.768	7.4	4.9	1.556	1.248	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	8	0.15	1.706	12.589	0.04	19.348	4.399	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	9	62.	62.667	86.	40.	162.	12.728	40.	56.	70.	86.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.465	0.431	0.59	0.047	0.027	0.164	0.047	0.381	0.53	0.59
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.016	0.02	0.058	0.005	0.	0.019	0.005	0.005	0.035	0.058
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.68	0.639	0.92	0.38	0.038	0.194	0.38	0.44	0.805	0.92
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	9 ##	0.004	0.01	0.059	0.004	0.	0.019	0.004	0.004	0.004	0.059
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	8	183.	168.	242.	84.	2792.	52.839	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	9	36.	54.667	228.	13.	4452.	66.723	13.	22.5	52.5	228.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	12	12.7	14.042	22.3	5.5	37.748	6.144	5.59	8.2	20.	22.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	12	688.	663.917	831.	172.	28158.629	167.805	300.4	642.75	763.25	814.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	12	8.95	8.817	11.5	6.6	2.32	1.523	6.69	7.5	10.	11.14
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	12	2.05	2.325	5.5	0.5	2.264	1.505	0.5	1.25	3.	5.17
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	12	6.8	6.733	7.3	6.3	0.102	0.32	6.3	6.375	6.975	7.21
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	12	6.8	6.628	7.3	6.3	0.114	0.338	6.3	6.375	6.975	7.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	12	0.158	0.235	0.501	0.05	0.029	0.17	0.065	0.106	0.439	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	12	61.	58.	84.	0.	448.	21.166	13.2	52.5	71.	81.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.5	0.458	0.754	0.	0.041	0.203	0.056	0.388	0.557	0.726
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.019	0.026	0.065	0.005	0.	0.019	0.005	0.01	0.041	0.061
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.705	0.746	1.55	0.45	0.083	0.288	0.453	0.558	0.843	1.343
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	12 ##	0.004	0.003	0.004	0.	0.	0.001	0.	0.004	0.004	0.004
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	12	192.	189.167	256.	70.	2096.333	45.786	97.	180.5	203.	252.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	12	33.5	44.	192.	9.	2378.364	48.768	10.8	16.5	46.	151.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	11	11.	12.291	21.5	4.7	35.549	5.962	5.02	6.4	17.7	21.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	11	754.	688.364	836.	323.	27829.655	166.822	341.2	675.	783.	833.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	10	9.05	9.27	11.6	7.6	2.238	1.496	7.6	7.825	10.975	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	11	1.7	2.632	8.2	0.5	5.612	2.369	0.5	1.2	3.65	7.66
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	10	6.6	6.73	7.7	6.5	0.131	0.362	6.5	6.5	6.75	7.62
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	10	6.6	6.648	7.7	6.5	0.139	0.372	6.5	6.5	6.75	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	10	0.251	0.225	0.316	0.02	0.009	0.094	0.031	0.181	0.316	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	12	69.	66.333	80.	20.	258.061	16.064	31.4	66.	78.	80.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	9	0.452	0.355	0.543	0.062	0.029	0.171	0.062	0.197	0.487	0.543
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.023	0.021	0.047	0.005	0.	0.013	0.005	0.008	0.028	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.755	0.751	1.09	0.37	0.04	0.2	0.406	0.63	0.9	1.057
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	12 ##	0.004	0.005	0.026	0.004	0.	0.006	0.004	0.004	0.004	0.019
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	12	213.	215.833	232.	194.	192.333	13.868	194.6	206.5	231.	232.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	12	24.	49.25	204.	7.	3675.659	60.627	7.3	10.25	81.5	178.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	12	13.75	13.708	21.8	6.3	30.003	5.477	6.69	7.975	19.4	21.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	12	738.5	747.	1020.	520.	18076.545	134.449	521.5	725.5	812.	974.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	12	8.35	7.783	11.1	3.5	4.669	2.161	4.16	6.05	9.475	10.68
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	11	1.6	3.364	20.	0.5	30.907	5.559	0.62	1.3	2.4	16.6
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	12	6.95	6.9	7.5	6.1	0.129	0.359	6.22	6.725	7.15	7.41
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	12	6.947	6.741	7.5	6.1	0.157	0.396	6.22	6.725	7.15	7.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	12	0.113	0.182	0.794	0.032	0.043	0.207	0.041	0.072	0.189	0.651
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	12	70.	68.667	80.	54.	66.424	8.15	54.6	62.5	74.	79.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.363	0.386	0.489	0.306	0.009	0.094	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.02	0.045	0.292	0.005	0.006	0.08	0.005	0.007	0.04	0.225
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	12	0.78	0.917	2.28	0.19	0.251	0.501	0.313	0.68	1.083	1.95
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	10 ##	0.004	0.025	0.221	0.004	0.005	0.069	0.004	0.004	0.004	0.199
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	12	209.	211.667	250.	182.	343.879	18.544	185.	198.5	223.	244.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	12	29.	58.5	324.	10.	7419.545	86.137	13.	22.25	50.25	253.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	9	14.7	13.456	21.6	5.	40.56	6.369	5.	6.5	18.8	21.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	9	793.	784.333	1015.	541.	17643.5	132.829	541.	712.5	874.	1015.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	9	8.6	9.167	11.5	7.	3.313	1.82	7.	7.55	11.15	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	10 ##	0.8	1.11	2.3	0.5	0.552	0.743	0.5	0.5	1.775	2.3
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	9	7.1	7.1	7.2	6.7	0.025	0.158	6.7	7.1	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	9	7.1	7.068	7.2	6.7	0.026	0.162	6.7	7.1	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	9	0.079	0.086	0.2	0.063	0.002	0.044	0.063	0.063	0.079	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	9	68.	71.333	104.	40.	301.	17.349	40.	65.	81.	104.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10	0.317	0.308	0.432	0.16	0.007	0.081	0.165	0.25	0.363	0.426
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10 ##	0.014	0.028	0.126	0.005	0.001	0.037	0.005	0.005	0.04	0.118
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	10	0.87	0.871	1.19	0.71	0.025	0.158	0.711	0.72	0.975	1.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	9 ##	0.004	0.021	0.132	0.004	0.002	0.043	0.004	0.004	0.018	0.132
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	9	214.	213.111	296.	116.	2408.111	49.073	116.	187.	240.	296.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	9	29.	39.333	90.	16.	631.	25.12	16.	22.5	55.5	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	3	11.	13.267	20.8	8.	44.813	6.694	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	3	743.	751.333	816.	695.	3712.333	60.929	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	3	9.8	8.8	10.2	6.4	4.36	2.088	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/85-07/09/90	3	1.1	1.	1.4	0.5	0.21	0.458	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	3	7.2	7.2	7.5	6.9	0.09	0.3	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	3	7.2	7.133	7.5	6.9	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	3	0.063	0.074	0.126	0.032	0.002	0.048	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	3	50.	101.333	204.	50.	7905.333	88.912	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.322	0.313	0.398	0.22	0.008	0.089	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.01	0.012	0.021	0.005	0.	0.008	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	3	0.94	0.903	0.95	0.82	0.005	0.072	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	3	192.	192.	204.	180.	144.	12.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	3	14.	32.333	72.	11.	1182.333	34.385	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	21	20.5	18.762	24.3	10.8	14.101	3.755	12.26	15.15	21.55	22.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	21	675.	625.571	866.	268.	26908.157	164.037	334.4	519.5	742.5	785.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	20	7.2	7.205	9.7	3.5	1.815	1.347	5.75	6.45	7.875	9.23
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	21	7.	7.014	7.7	6.5	0.11	0.332	6.6	6.7	7.25	7.48
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	21	7.	6.903	7.7	6.5	0.123	0.351	6.6	6.7	7.25	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	21	0.1	0.125	0.316	0.02	0.008	0.088	0.033	0.057	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	21	70.	73.524	204.	0.	1367.162	36.975	28.	64.	80.	100.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	14	13.	15.429	37.	0.	101.956	10.097	1.	8.	24.25	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	17	0.452	0.427	0.754	0.236	0.014	0.12	0.282	0.32	0.475	0.575
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	21	0.039	0.051	0.292	0.005	0.004	0.061	0.007	0.023	0.053	0.114
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	21	0.75	0.796	2.28	0.19	0.163	0.404	0.452	0.58	0.91	1.148
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	17	0.788	0.715	1.7	0.	0.205	0.452	0.106	0.307	0.925	1.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	12	0.047	0.059	0.208	0.	0.003	0.051	0.009	0.034	0.068	0.171
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	12 ##	0.008	0.013	0.042	0.	0.	0.012	0.002	0.005	0.02	0.036
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	21 ##	0.004	0.02	0.221	0.	0.003	0.054	0.004	0.004	0.004	0.106
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	21	204.	197.905	296.	70.	2184.19	46.735	121.6	188.	223.	240.
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	11	6.8	6.682	7.4	5.2	0.422	0.649	5.34	6.5	7.1	7.38
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	11	1700.	16029.091	160000.	170.	2280884529.091	47758.607	228.	790.	2300.	128660.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	11	3.23	3.288	5.204	2.23	0.544	0.738	2.317	2.898	3.362	4.867
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1943.119								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	21	39.	73.905	324.	9.	7555.69	86.923	9.2	20.	81.	223.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	24	7.3	7.754	14.5	4.7	6.404	2.531	5.	5.925	8.45	12.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	24	730.5	662.792	1020.	172.	59019.824	242.94	225.	421.75	815.75	948.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	24	9.9	9.042	11.6	0.6	10.214	3.196	1.5	8.925	11.1	11.5
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	21	6.8	6.757	7.2	6.1	0.091	0.301	6.3	6.55	6.95	7.18
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	21	6.8	6.651	7.2	6.1	0.102	0.32	6.3	6.55	6.95	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	21	0.158	0.224	0.794	0.063	0.033	0.182	0.066	0.113	0.284	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	25	66.	63.6	80.	40.	128.	11.314	44.8	55.	72.	76.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	20	10.	29.15	267.	0.	3478.976	58.983	2.3	6.25	18.75	69.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	20	0.432	0.428	1.45	0.	0.088	0.297	0.058	0.237	0.545	0.614
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	25	0.011	0.013	0.038	0.005	0.	0.009	0.005	0.005	0.019	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	25	0.82	0.828	1.55	0.37	0.069	0.263	0.416	0.71	0.965	1.138
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	23	0.765	1.977	29.7	0.167	36.667	6.055	0.177	0.431	0.959	1.532
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	18	0.044	0.071	0.225	0.012	0.004	0.065	0.02	0.032	0.087	0.19
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	19	0.013	0.022	0.082	0.005	0.001	0.023	0.005	0.005	0.02	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	22 ##	0.004	0.01	0.059	0.	0.	0.015	0.004	0.004	0.007	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	23	214.	203.391	256.	84.	1616.522	40.206	133.6	192.	226.	247.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	13	6.	5.408	6.7	3.	1.552	1.246	3.32	4.2	6.4	6.58
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	14	330.	4223.071	35000.	18.	103108053.61	10154.214	19.	108.75	1150.	27000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	14	2.519	2.636	4.544	1.255	0.905	0.951	1.278	1.999	3.06	4.411
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			433.01								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	25	26.	35.2	120.	14.	669.5	25.875	15.	18.	43.	75.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/83-07/09/90	16	15.8	14.963	19.	9.3	10.132	3.183	10.49	11.5	18.	18.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/83-07/09/90	16	729.5	668.063	831.	288.	23664.329	153.832	380.4	593.25	780.25	826.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/12/83-07/09/90	16	7.85	8.344	10.2	6.	1.301	1.141	6.98	7.6	9.325	9.92
00400	PH (STANDARD UNITS)	12/12/83-07/09/90	15	6.9	6.787	7.6	4.9	0.406	0.637	5.74	6.5	7.2	7.54
00400	CONVERTED PH (STANDARD UNITS)	12/12/83-07/09/90	15	6.9	6.003	7.6	4.9	1.064	1.032	5.74	6.5	7.2	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/83-07/09/90	15	0.126	0.994	12.589	0.025	10.307	3.21	0.029	0.063	0.316	5.336
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/83-07/09/90	17	58.	59.765	86.	44.	103.941	10.195	47.2	52.	67.	73.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/83-07/09/90	13	13.	24.923	82.	6.	502.244	22.411	6.4	9.	33.5	70.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	15	0.367	0.379	0.66	0.062	0.032	0.178	0.121	0.22	0.551	0.618
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	18 ##	0.008	0.016	0.053	0.005	0.	0.014	0.005	0.005	0.025	0.035
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/83-07/09/90	18	0.745	0.744	0.97	0.39	0.021	0.146	0.48	0.675	0.845	0.943
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/12/83-07/09/90	14	0.739	0.721	1.79	0.187	0.201	0.448	0.199	0.309	0.968	1.485
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/83-07/09/90	11	0.034	0.036	0.076	0.	0.001	0.027	0.	0.005	0.064	0.074
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/12/83-07/09/90	11	0.005	0.01	0.044	0.	0.	0.012	0.	0.005	0.013	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/83-07/09/90	18 ##	0.004	0.004	0.007	0.004	0.	0.001	0.004	0.004	0.004	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-07/09/90	17	196.	200.235	244.	170.	400.441	20.011	170.	191.	206.	237.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/12/83-07/09/90	11	6.4	6.345	7.4	5.	0.481	0.693	5.1	5.8	6.9	7.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	11	490.	1589.818	7000.	50.	5116464.364	2261.96	55.6	230.	1700.	6580.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-01/22/90	11	2.69	2.798	3.845	1.699	0.445	0.667	1.738	2.362	3.23	3.814
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			627.435								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/12/83-07/09/90	17	23.	28.412	96.	7.	455.382	21.34	7.8	16.	34.	64.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0279

NPS Station ID: GWMP0279
LAT/LON: 38.868338/ -77.005559
Agency: 1113AAWQ
Date Created: / /
Location: ANACOSTIA R. S.CAPITOL ST.BR.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /ANACOST-AA2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.53
RF3 Mile Point: 0.53
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	5	19.	17.5	27.	7.	84.75	9.206	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	20.	19.2	28.	5.	78.7	8.871	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	5	5.1	6.3	10.3	3.7	8.475	2.911	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	4.	4.267	5.1	3.7	0.543	0.737	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	5	0.457	0.515	0.68	0.339	0.022	0.149	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	5	0.899	0.769	1.239	0.055	0.195	0.442	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	5	0.93	0.876	1.26	0.45	0.093	0.305	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	4	0.255	0.225	0.27	0.12	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	6.	5.9	6.	5.7	0.03	0.173	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	54200.	54200.	54200.	54200.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	4.734	4.734	4.734	4.734	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			54200.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	1120.	1110.	1410.	790.	85800.	292.916	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	3.044	3.033	3.149	2.898	0.014	0.118	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1080.138								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	5	6.	17.12	67.5	2.3	798.402	28.256	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	34.5	31.75	36.	22.	44.25	6.652	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	5	0.4	0.4	0.52	0.29	0.011	0.106	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	2	0.40	1	1	1.00	2	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0280

NPS Station ID: GWMP0280
LAT/LON: 38.868338/ -77.005559
Agency: 11121TWQ
Date Created: / /
Location: ANACOSTIA R. S.CAPITOL ST.BR.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-A5 /A5 /ANACOST-AA2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.60
RF3 Mile Point: 0.60
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	12	26.25	23.917	30.	6.	59.402	7.707	7.35	22.875	29.125	29.85
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	11	20.	24.409	50.	4.2	269.639	16.421	4.42	9.5	40.	49.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	11	13.	15.545	36.	10.	58.873	7.673	10.	11.	18.	33.2
00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	12	4.1	4.8	10.2	1.9	5.407	2.325	2.26	3.125	6.425	9.39
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	12	0.42	0.449	0.683	0.272	0.02	0.141	0.274	0.303	0.58	0.658
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	12	0.915	0.965	1.341	0.73	0.038	0.195	0.735	0.818	1.134	1.289
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	12	0.76	0.726	1.12	0.44	0.051	0.225	0.443	0.465	0.893	1.081
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	12	0.36	0.381	0.62	0.25	0.013	0.112	0.256	0.293	0.468	0.584
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	12	0.115	0.119	0.23	0.03	0.003	0.058	0.039	0.08	0.155	0.221
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	12	6.6	6.633	9.8	3.8	3.939	1.985	3.8	5.1	8.525	9.5
00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	11	21.4	21.509	29.5	16.9	9.877	3.143	17.18	20.4	22.3	28.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0280

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	6	0	0.00	1	1	1.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	6	0.50	6	4	0.67	2	0	0.00	4	2	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0281

NPS Station ID: GWMP0281 | LAT/LON: 38.868615/ -77.005838 | Agency: 11121ZWQ | Date Created: / /
Location: ANACOSTIA R. AT S. CAPITAL BRDG. | FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ANA-001.40 /ANA2 /AA2
RMI-Indexes: 0214001 002640 | Within Park Boundary: No
RMI-Miles: 0109.10 0001.40
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010029 | RF1 Mile Point: 0.350 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010015000.00 | RF3 Mile Point: 0.82 | Distance from RF3: 0.17 | On/Off RF3:
Description:
ANACOSTIA RIVER AT SOUTH CAPITAL BRIDGE. SAMPLED BY EPA - REGION 3, CHESAPEAKE TECHNICAL SUPPORT LAB PURSUANT TO A 1970 SPECIAL STUDY ON THE ANACOSTIA RIVER, WASHINGTON, D.C.

Parameter Inventory for Station: GWMP0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	5	19.	17.5	27.	7.	84.75	9.206	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	20.	19.2	28.	5.	78.7	8.871	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	5	5.1	6.3	10.3	3.7	8.475	2.911	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	3	4.	4.267	5.1	3.7	0.543	0.737	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	5	0.457	0.501	0.662	0.339	0.017	0.132	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	5	0.899	0.768	1.239	0.055	0.195	0.442	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	5	0.93	0.876	1.26	0.45	0.093	0.305	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	5	0.4	0.4	0.52	0.29	0.011	0.106	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	4	0.255	0.225	0.27	0.12	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	6.	5.9	6.	5.7	0.03	0.173	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-03/18/70	1	54200.	54200.	54200.	54200.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/18/70-03/18/70	1	4.734	4.734	4.734	4.734	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54200.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	4	1120.	1110.	1410.	790.	85800.	292.916	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	4	3.044	3.033	3.149	2.898	0.014	0.118	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1080.138								
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	34.5	31.75	36.	22.	44.25	6.652	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0281

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	2	0.40	1	1	1.00	2	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0282

NPS Station ID: GWMP0282
LAT/LON: 38.868892/ -77.004170
Agency: 21MDEXP
Date Created: 06/27/81
Location: PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078750200185
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.57
Distance from RF3: 0.11
On/Off RF3:
Description:
PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER

Parameter Inventory for Station: GWMP0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0283

NPS Station ID: GWMP0283 LAT/LON: 38.869727/ -77.034448 Agency: 21DCBAWQ Date Created: 10/28/86
Location: GRAVELLY PT. & NORTH COURSE MARKER, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS23
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0094.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010015000.00 RF3 Mile Point: 0.76 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH TION LOCATION: GRAVELLY PT. & NORTH COURSE MARKER, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	66	15.75	15.582	30.5	1.1	84.527	9.194	3.82	6.275	24.4	27.21
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-03/12/84	4	0.65	0.725	1.4	0.2	0.289	0.538	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	57	293.	293.053	513.	120.	7646.015	87.441	169.8	239.	332.	430.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.6	8.68	13.7	1.	9.608	3.1	3.86	7.075	11.15	12.7
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.885	9.	7.1	0.197	0.443	7.3	7.6	8.1	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.707	9.	7.1	0.229	0.479	7.3	7.6	8.1	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	53	0.016	0.02	0.079	0.001	0.	0.017	0.002	0.008	0.025	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0283

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	6	0.09	24	1	0.04	25	4	0.16	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	53	1	0.02	20	0	0.00	20	1	0.05	13	0	0.00			
		Other-Lo Lim.	6.5	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.3	10.867	19.	6.3	49.863	7.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	254.	254.	358.	150.	21632.	147.078	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.	10.8	12.3	8.1	5.49	2.343	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	19.25	17.45	28.7	4.	109.114	10.446	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	150.	187.667	293.	120.	8546.333	92.446	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.2	9.413	13.	6.3	6.07	2.464	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	12.	12.133	19.	5.4	46.253	6.801	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	261.	266.667	299.	240.	894.333	29.905	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.1	10.833	12.7	8.7	4.053	2.013	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.933	8.3	7.7	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.866	8.3	7.7	0.11	0.332	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.016	0.014	0.02	0.005	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.9	15.109	28.6	1.1	122.625	11.074	1.32	4.7	26.8	28.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	330.	349.545	513.	252.	6623.673	81.386	256.8	285.	434.	498.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.8	7.836	13.6	1.	17.405	4.172	1.34	4.8	12.7	13.56
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.045	8.9	7.3	0.293	0.541	7.32	7.7	8.7	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.802	8.9	7.3	0.358	0.598	7.32	7.7	8.7	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.016	0.05	0.001	0.	0.016	0.001	0.002	0.02	0.048

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	12.35	14.508	29.2	2.4	98.619	9.931	2.67	6.4	25.525	28.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	270.	271.75	427.	149.	6270.205	79.185	160.7	200.5	323.25	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	6.95	6.167	11.6	1.4	12.295	3.506	1.49	2.475	8.9	11.18
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.636	8.2	7.1	0.125	0.353	7.12	7.3	7.9	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.514	8.2	7.1	0.141	0.376	7.12	7.3	7.9	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.025	0.031	0.079	0.006	0.001	0.024	0.007	0.013	0.05	0.076

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.55	17.42	30.5	5.1	66.815	8.174	5.58	10.575	24.7	30.01
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	339.5	332.6	501.	165.	12754.489	112.936	166.	231.25	431.	494.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.4	8.76	11.6	6.	3.914	1.978	6.03	6.45	10.25	11.51
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.9	7.867	8.6	7.2	0.14	0.374	7.2	7.7	8.	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	7.9	7.729	8.6	7.2	0.161	0.402	7.2	7.7	8.	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.013	0.019	0.063	0.003	0.	0.018	0.003	0.01	0.02	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	15.2	15.209	27.	2.	88.451	9.405	2.28	4.8	24.2	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	312.	303.889	341.	221.	1282.861	35.817	221.	292.	329.5	341.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	9.7	9.955	13.7	7.7	3.565	1.888	7.76	8.4	10.7	13.48
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	8.073	9.	7.5	0.174	0.417	7.54	7.8	8.4	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	7.931	9.	7.5	0.196	0.443	7.54	7.8	8.4	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.01	0.012	0.032	0.001	0.	0.009	0.002	0.004	0.016	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.7	17.25	25.3	5.6	76.74	8.76	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	238.	238.	313.	171.	1746.667	41.793	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.25	9.425	13.2	7.	6.442	2.538	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.65	7.75	8.8	7.3	0.211	0.46	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.647	7.619	8.8	7.3	0.231	0.481	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.023	0.024	0.05	0.002	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.8	24.125	30.5	15.2	16.307	4.038	17.6	21.375	26.875	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	329.5	344.5	513.	188.	6432.684	80.204	230.3	294.5	420.	441.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.4	7.246	10.2	1.4	3.008	1.734	5.4	6.35	8.2	9.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.5	5.884	12.	1.1	8.336	2.887	2.12	3.7	7.45	10.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	291.	281.609	501.	120.	7468.613	86.421	150.	240.	321.	403.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.6	9.996	13.7	1.	16.183	4.023	2.3	9.4	12.7	13.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.2	17.782	28.7	7.	45.874	6.773	8.52	11.55	23.85	27.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	243.	238.357	332.	149.	3370.401	58.055	157.	174.	287.	322.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.7	8.771	11.4	2.2	4.635	2.153	6.04	7.8	10.4	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0284

NPS Station ID: GWMP0284 LAT/LON: 38.871115/ -77.019448 Agency: 112WRD Date Created: 03/19/88
Location: POTOMAC RIVER, WASHINGTON CH AT FT MC NAIR FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 385216077011000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.40 On/Off RF1:
RF3 Index: 02070010002500.00 RF3 Mile Point: 0.42 Distance from RF3: 0.14 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-08/26/81	11	27.1	24.518	29.4	0.	69.12	8.314	4.88	24.6	28.9	29.32
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/81-08/26/81	4	34.	26.75	39.	0.	340.25	18.446	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/81-08/26/81	10	313.	322.8	389.	264.	2599.067	50.981	264.2	280.25	386.75	389.
00300	OXYGEN, DISSOLVED MG/L	07/08/81-08/26/81	11	7.1	6.773	9.4	0.	5.874	2.424	1.28	6.5	7.7	9.26
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/26/81-08/26/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/26/81-08/26/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/81-08/26/81	10	7.65	7.72	8.2	7.5	0.051	0.225	7.5	7.575	7.85	8.18
00400	CONVERTED PH (STANDARD UNITS)	07/08/81-08/26/81	10	7.647	7.676	8.2	7.5	0.053	0.23	7.5	7.575	7.85	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/81-08/26/81	10	0.023	0.021	0.032	0.006	0.	0.008	0.007	0.014	0.027	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	07/21/81-07/21/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	1.3	1.238	1.4	0.95	0.046	0.214	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/21/81-08/06/81	2	0.685	0.685	0.72	0.65	0.002	0.049	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.47	0.47	0.61	0.33	0.017	0.132	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.05	0.063	0.12	0.03	0.002	0.043	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/81-08/06/81	2	0.075	0.075	0.11	0.04	0.002	0.049	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.05	0.053	0.1	0.01	0.001	0.038	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.76	0.633	0.8	0.21	0.08	0.283	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.52	0.533	0.73	0.36	0.025	0.159	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/09/81-08/26/81	4	0.125	0.175	0.35	0.1	0.014	0.118	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/81-08/26/81	4	0.7	0.708	0.83	0.6	0.009	0.095	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/81-08/26/81	4	0.8	0.675	0.9	0.2	0.103	0.32	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/81-08/26/81	4	0.06	0.059	0.069	0.049	0.	0.008	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/81-08/26/81	4	0.03	0.039	0.082	0.014	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/21/81-08/06/81	2	4.65	4.65	5.3	4.	0.845	0.919	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/06/81-08/06/81	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-08/26/81	4	3.05	3.025	4.	2.	0.949	0.974	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	07/09/81-08/26/81	5	## 7500.	12680.	23000.	3900.	90387000.	9507.208	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-08/26/81	4	0.065	0.08	0.15	0.04	0.003	0.052	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-08/26/81	4	3.35	2.775	3.5	0.9	1.583	1.258	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/81-08/26/81	4	0.165	0.173	0.33	0.03	0.016	0.126	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	1	0.09	11	1	0.09									
00400	PH	Other-Hi Lim.	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0285

NPS Station ID: GWMP0285 LAT/LON: 38.871393/ -77.001392 Agency: 21DCBAWQ Date Created: 06/18/88
Location: NAVY YARD WEST,WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA20
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id: ANACOSTIA RIVER
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 02070010003200.53 RF3 Mile Point: 1.58 Distance from RF3: 0.14 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: DC NAVY YARD WEST/INLET NEXT TO WEST PIER
PARTICIPATING AGENCY: DC DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	56	17.9	17.366	31.5	3.1	76.13	8.725	4.	8.625	25.825	27.86
00032	CLOUD COVER (PERCENT)	10/02/84-08/05/85	5	90.	79.	100.	20.	1130.	33.615	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	56	280.5	311.964	630.	169.	11165.308	105.666	211.8	246.5	344.25	496.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-09/11/90	54	5.8	5.55	10.	0.7	4.69	2.166	2.75	4.	7.1	8.55
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	56	6.9	6.986	7.9	6.2	0.144	0.38	6.6	6.7	7.275	7.63
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	56	6.9	6.846	7.9	6.2	0.164	0.405	6.6	6.7	7.275	7.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	56	0.126	0.142	0.631	0.013	0.013	0.115	0.024	0.053	0.2	0.251

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0285

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	54	15	0.28	20	6	0.30	17	3	0.18	17	6	0.35			
00400	PH	Other-Hi Lim.	9.	56	0	0.00	21	0	0.00	18	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	56	4	0.07	21	0	0.00	18	2	0.11	17	2	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1984 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	8	22.6	20.1	28.	6.4	63.603	7.975	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	8	245.5	251.375	315.	200.	1891.411	43.49	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	8	7.25	7.275	7.9	6.8	0.148	0.385	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	8	7.247	7.147	7.9	6.8	0.167	0.408	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	8	0.057	0.071	0.158	0.013	0.003	0.052	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	10	19.75	18.3	29.	4.8	72.531	8.517	5.06	9.05	25.725	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	10	319.	353.4	591.	252.	10270.267	101.342	254.2	288.25	388.	577.6
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	10	7.1	7.14	7.8	6.7	0.118	0.344	6.7	6.85	7.4	7.76
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	10	7.1	7.032	7.8	6.7	0.131	0.362	6.7	6.85	7.4	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	10	0.079	0.093	0.2	0.016	0.004	0.065	0.018	0.04	0.144	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	12	13.2	15.05	29.4	3.3	93.241	9.656	3.39	7.075	25.7	28.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	12	286.5	331.5	609.	176.	15972.636	126.383	198.5	253.	387.75	587.4
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	12	6.6	6.65	7.2	6.2	0.081	0.284	6.26	6.4	6.9	7.11
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	12	6.6	6.571	7.2	6.2	0.088	0.296	6.26	6.4	6.9	7.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	12	0.251	0.268	0.631	0.063	0.026	0.163	0.082	0.126	0.398	0.561

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	9	17.6	17.444	31.5	4.	86.27	9.288	4.	9.5	25.55	31.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	9	324.	334.667	499.	242.	7574.75	87.033	242.	256.	394.	499.
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	9	7.	7.089	7.8	6.6	0.159	0.398	6.6	6.8	7.45	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	9	7.	6.961	7.8	6.6	0.177	0.421	6.6	6.8	7.45	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	9	0.1	0.109	0.251	0.016	0.006	0.075	0.016	0.038	0.158	0.251

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	9	13.8	14.711	27.8	3.1	93.541	9.672	3.1	3.95	24.6	27.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	9	289.	339.889	630.	236.	18210.111	134.945	236.	251.5	421.5	630.
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	9	6.9	6.956	7.3	6.7	0.055	0.235	6.7	6.75	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	9	6.9	6.904	7.3	6.7	0.058	0.241	6.7	6.75	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	9	0.126	0.125	0.2	0.05	0.003	0.058	0.05	0.065	0.179	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-09/11/90	7	23.9	20.1	27.	7.1	62.653	7.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-09/11/90	7	227.	233.714	323.	169.	2604.571	51.035	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-09/11/90	7	6.8	6.814	7.1	6.6	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-09/11/90	7	6.8	6.791	7.1	6.6	0.025	0.159	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-09/11/90	7	0.158	0.162	0.251	0.079	0.003	0.054	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0286

NPS Station ID: GWMP0286
LAT/LON: 38.871393/ -77.024726
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF HAINES PT. NEAR N"2"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 1.940
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.82
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	16	10.25	10.469	15.5	5.5	6.182	2.486	5.85	9.625	11.875	14.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	32	0.478	0.47	1.05	0.035	0.136	0.369	0.051	0.094	0.815	0.969
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	31	0.65	0.575	0.97	0.02	0.044	0.209	0.25	0.47	0.71	0.82
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	81	0.38	0.461	1.12	0.09	0.056	0.237	0.19	0.325	0.565	0.856
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.51	0.783	1.49	0.35	0.381	0.617	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0286

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	31	0	0.00				31	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0287

NPS Station ID: GWMP0287
Location: PO.R. OFF HAINES PT. NEAR N"2"
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010033
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.871393/ -77.024726
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 1.940
RF3 Mile Point: 3.15

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 007 /007 /5
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.10

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	2	##17450.	17450.	34800.	100.	602045000.	24536.605	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	2	## 3.271	3.271	4.542	2.	3.23	1.797	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1865.476								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	2	## 1250.	1250.	2400.	100.	2645000.	1626.346	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	2	## 2.69	2.69	3.38	2.	0.952	0.976	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			489.898								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	2	## 1790.	1790.	3480.	100.	5712200.	2390.021	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	2	## 2.771	2.771	3.542	2.	1.188	1.09	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			589.915								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50				2	1	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50				2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0288

NPS Station ID: GWMP0288
LAT/LON: 38.872226/ -77.037504
Agency: 11NATDC
Date Created: 06/22/85
Location: POTOMAC R AT EAST POTOMAC PARK
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): T0703458 /2210
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1: ON
RF3 Index: 02070010002900.85
RF3 Mile Point: 7.84
Distance from RF3: 0.43
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0288

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0289

NPS Station ID: GWMP0289
LAT/LON: 38.872226/ -77.037504
Agency: 11BIOACC
Date Created: 02/24/90
Location: EAST POTOMAC RIVER @ WASHINGTON,DC
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 2210
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.02
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	5.22	5.22	5.22	5.22	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	3.985	3.985	3.985	3.985	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	1.13	1.13	1.13	1.13	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/29/84-08/29/84	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/29/84-08/29/84	1	5.61	5.61	5.61	5.61	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.166	0.166	0.166	0.166	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/84-08/29/84	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.229	0.229	0.229	0.229	0.	0.	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.578	0.578	0.578	0.578	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.389	0.389	0.389	0.389	0.	0.	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.064	0.064	0.064	0.064	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/29/84-08/29/84	1	5.82	5.82	5.82	5.82	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/29/84-08/29/84	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/29/84-08/29/84	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/29/84-08/29/84	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	2.314	2.314	2.314	2.314	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0290

NPS Station ID: GWMP0290 LAT/LON: 38.873059/ -77.040005 Agency: 112WRD Date Created: 12/02/81
Location: POTOMAC RIVER AT 14TH STREET BR WASH DC FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 385223077022400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002502.07 RF3 Mile Point: 2.54 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/22/81	56	23.35	19.327	29.9	0.5	75.293	8.677	4.7	12.8	26.275	27.49
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	10/21/80-07/15/81	7	7.	7.1	17.	2.5	23.78	4.876	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/10/81	28	12.	16.786	78.	0.	407.582	20.189	0.	0.	30.	38.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-09/22/81	56	318.5	331.946	490.	179.	8492.088	92.153	204.	265.5	431.75	462.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	05/19/81-05/19/81	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	10/21/80-10/21/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	10/21/80-09/10/81	8	60.	335.663	1850.	0.	398865.683	631.558	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/22/81	56	8.6	9.17	13.6	5.5	4.578	2.14	6.74	7.725	10.8	12.86
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	06/27/80-09/22/81	15	0.	-0.067	0.	-0.4	0.02	0.14	0.	0.	0.	-0.34
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/27/80-09/22/81	15	4.7	4.947	8.8	2.	4.211	2.052	2.36	3.3	6.6	8.56
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	06/27/80-09/22/81	15	3.8	3.46	5.8	1.8	1.505	1.227	1.92	2.3	4.4	5.32
00321	BOD, ULTIMATE SECOND STAGE MG/L	06/27/80-09/22/81	15	0.9	1.473	5.	0.	2.034	1.426	0.	0.7	2.5	4.28
00400	PH (STANDARD UNITS)	06/17/80-09/22/81	56	7.9	7.911	8.6	6.7	0.182	0.427	7.4	7.525	8.3	8.53
00400	CONVERTED PH (STANDARD UNITS)	06/17/80-09/22/81	56	7.9	7.698	8.6	6.7	0.228	0.478	7.4	7.525	8.3	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-09/22/81	56	0.013	0.02	0.2	0.003	0.001	0.028	0.003	0.005	0.03	0.04
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	12	1.45	1.401	2.7	0.52	0.314	0.56	0.625	0.94	1.675	2.43
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/80-08/18/81	4	0.355	0.36	0.47	0.26	0.013	0.116	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	12	0.34	0.311	0.45	0.17	0.011	0.104	0.173	0.2	0.403	0.447
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.05	0.052	0.09	0.01	0.001	0.03	0.014	0.025	0.085	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/80-08/18/81	5	0.04	0.057	0.16	0.	0.004	0.066	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.01	0.013	0.03	0.	0.	0.008	0.002	0.008	0.02	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	11	1.1	1.106	2.4	0.49	0.291	0.54	0.5	0.58	1.3	2.22
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.35	0.337	0.54	0.05	0.02	0.142	0.114	0.235	0.48	0.524
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/21/80-09/22/81	12	0.16	0.198	0.65	0.	0.033	0.182	0.012	0.058	0.293	0.572
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/80-09/22/81	13	0.58	0.558	1.	0.26	0.042	0.206	0.26	0.4	0.675	0.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/80-09/22/81	13	1.1	1.046	2.4	0.2	0.298	0.546	0.32	0.6	1.25	2.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/80-09/22/81	13	0.071	0.074	0.104	0.045	0.	0.018	0.049	0.059	0.089	0.101
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/80-09/22/81	13	0.044	0.042	0.083	0.006	0.001	0.025	0.006	0.018	0.059	0.081
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/80-09/22/81	4	3.95	3.825	5.2	2.2	1.523	1.234	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/81-08/18/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/80-09/22/81	13	4.2	4.577	16.	0.5	16.559	4.069	0.5	1.5	6.2	12.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	1	720.	720.	720.	720.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	1	2.857	2.857	2.857	2.857	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			720.								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/22/81	64	20.65	19.638	55.9	1.1	219.908	14.829	2.	4.4	30.675	39.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/22/81	64	9.15	9.653	41.6	1.2	56.684	7.529	1.45	3.1	13.6	18.55
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/22/81	64	28.1	24.038	56.2	1.8	283.201	16.829	2.7	5.875	37.325	45.05
60050	ALGAE, TOTAL (CELLS/ML)	10/21/80-09/22/81	13	9800.	13726.154	35000.	390.	145467475.641	12060.99	1034.	2875.	24750.	33400.
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	2	18.9	18.9	30.3	7.5	259.92	16.122	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	10/21/80-06/30/81	5	22.	19.46	33.	4.9	153.778	12.401	**	**	**	**
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	03/04/81-03/04/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/21/80-02/04/81	3	0.05	0.05	0.1	0.	0.003	0.05	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/21/80-09/22/81	13	0.06	0.068	0.12	0.01	0.002	0.039	0.018	0.035	0.11	0.12
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/21/80-09/22/81	11	4.9	4.936	11.	2.2	6.093	2.468	2.24	2.6	5.7	10.12
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/21/80-09/22/81	11	0.03	0.048	0.1	0.	0.001	0.029	0.006	0.03	0.07	0.094
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/21/80-09/22/81	13	14.	37.538	188.	4.	3716.603	60.964	5.6	11.	19.	176.8
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	16	0.1	0.111	0.41	0.	0.014	0.12	0.	0.	0.138	0.319
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	15	0.12	0.123	0.19	0.07	0.001	0.034	0.082	0.09	0.15	0.178
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	06/27/80-09/22/81	15	0.	0.143	1.2	0.	0.113	0.336	0.	0.	0.	0.78
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/21/80-09/22/81	13	7.5	7.338	15.	0.1	22.844	4.78	0.7	2.9	11.	14.44
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	10/21/80-12/16/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	10/21/80-09/22/81	10	230.	261.	580.	40.	19054.444	138.038	59.	230.	267.5	560.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	10/21/80-09/22/81	10	2.362	2.348	2.763	1.602	0.087	0.295	1.678	2.362	2.416	2.745
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			222.708								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	10/21/80-09/22/81	10	2400.	3680.	9300.	2300.	5059555.556	2249.346	2300.	2300.	4550.	8900.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	10/21/80-09/22/81	10	3.38	3.512	3.968	3.362	0.044	0.211	3.362	3.362	3.656	3.944
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3254.337								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	3	6.	11.667	28.	1.	206.333	14.364	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	0	0.00	24	0	0.00	12	0	0.00	20	0	0.00			
00400	PH	Other-Hi Lim.	9.	56	0	0.00	24	0	0.00	12	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	56	0	0.00	24	0	0.00	12	0	0.00	20	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0291

NPS Station ID: GWMP0291 | LAT/LON: 38.873615/ -77.022504 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: WASHINGTON CHANNEL D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): PWC04
RMI-Indexes: 0214001 002640 | Within Park Boundary: No
RMI-Miles: 0094.25 0001.10
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010028 | RF1 Mile Point: 1.510 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002500.00 | RF3 Mile Point: 2.31 | Distance from RF3: 0.15 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: WASHINGTON CHANNEL WASH.D.C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	354	23.4	20.949	31.6	0.4	48.055	6.932	9.85	17.2	26.2	28.
00032	CLOUD COVER (PERCENT)	10/12/83-08/05/85	71	60.	52.901	100.	0.	1573.119	39.663	0.	10.	96.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	70	1.	0.967	1.8	0.1	0.108	0.329	0.51	0.8	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	321	286.	295.467	499.	135.	4632.5	68.062	215.	244.	337.5	408.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	345	6.7	6.47	14.	0.	6.657	2.58	3.42	4.85	8.	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	71	1.6	1.677	3.4	0.1	0.75	0.866	0.5	1.1	2.5	2.8
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	296	7.5	7.521	8.9	6.4	0.215	0.464	6.9	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	296	7.5	7.301	8.9	6.4	0.264	0.514	6.9	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	296	0.032	0.05	0.398	0.001	0.003	0.059	0.008	0.016	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	77	74.	73.442	104.	7.	272.96	16.522	53.6	62.5	85.5	94.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	57	6.	8.895	67.	0.	120.989	10.999	2.	4.	9.5	16.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	73	0.091	0.115	1.29	0.02	0.025	0.158	0.02	0.02	0.135	0.216
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	75	0.024	0.044	0.926	0.005	0.011	0.107	0.01	0.014	0.039	0.081
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	75	1.12	1.123	2.6	0.01	0.21	0.458	0.59	0.81	1.42	1.73
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	57	0.612	0.615	1.05	0.	0.058	0.242	0.324	0.479	0.821	0.894
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	56	0.057	0.059	0.195	0.	0.001	0.031	0.025	0.044	0.073	0.086
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	53	0.032	0.033	0.114	0.	0.	0.022	0.005	0.019	0.043	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	71	0.01	0.017	0.09	0.	0.	0.017	0.004	0.004	0.027	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	58	3.6	3.883	13.3	1.4	3.806	1.951	1.89	2.675	4.45	6.21
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	73	3.3	3.433	8.	0.5	2.483	1.576	1.64	2.3	4.15	5.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	75	110.	103.653	190.	0.	1838.716	42.88	31.2	84.	129.	154.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	34.	40.667	62.	26.	357.333	18.903	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/11/90	43	2.	1.923	3.7	0.1	1.136	1.066	0.38	1.1	3.	3.36
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/17/90	17 ##	2.5	2.412	2.5	1.	0.132	0.364	2.2	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/17/90	17 ##	5.	7.029	32.	2.5	47.827	6.916	4.5	5.	5.	18.4
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/17/90	17 ##	5.	8.441	12.5	5.	14.278	3.779	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/17/90	17	212.	322.412	1320.	86.	97107.132	311.62	89.2	116.	482.5	765.6
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/17/90	17 ##	25.	23.676	25.	2.5	29.779	5.457	20.5	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/17/90	17	20.	51.059	203.	0.	3944.434	62.805	4.8	9.	86.5	179.8
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	8 ##	2.5	2.813	5.	2.5	0.781	0.884	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/13/83	3	2300.	2433.333	2800.	2200.	103333.333	321.455	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/13/83	3	3.362	3.384	3.447	3.342	0.003	0.056	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2419.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	32	230.	329.344	2400.	10.	231495.072	481.139	20.	70.	330.	721.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	32	2.362	2.192	3.38	1.	0.333	0.577	1.301	1.845	2.519	2.853
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			155.427								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	1000.	4200.	16300.	200.	46525000.	6820.924	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	3.	3.176	4.212	2.301	0.494	0.703	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			1501.366								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-10/15/86	29	6.	7.431	40.	0.5	59.192	7.694	0.5	2.	9.5	13.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-10/15/86	31	8.	9.726	36.	0.5	82.064	9.059	0.5	2.	16.	23.4
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/17/90	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	77	10.	13.571	132.	4.	263.643	16.237	6.	7.	13.	22.4

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EPA Water Quality Criteria Analysis for Station: GWMP0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	345	54	0.16	184	26	0.14	39	8	0.21	122	20	0.16			
00400	PH	Other-Hi Lim.	9.	296	0	0.00	151	0	0.00	37	0	0.00	108	0	0.00			
		Other-Lo Lim.	6.5	296	5	0.02	151	0	0.00	37	3	0.08	108	2	0.02			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	75	0	0.00	27	0	0.00	29	0	0.00	19	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	75	0	0.00	27	0	0.00	29	0	0.00	19	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	17	3	0.18	7	2	0.29	5	1	0.20	5	0	0.00			
		Drinking Water	5000.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	32	17	0.53	13	6	0.46	12	9	0.75	7	2	0.29			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	77	2	0.03	28	0	0.00	29	1	0.03	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	9	19.2	17.8	19.4	6.4	18.295	4.277	6.4	19.05	19.35	19.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	2	1.2	1.2	1.5	0.9	0.18	0.424	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	2	260.5	260.5	351.	170.	16380.5	127.986	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	9	8.2	8.511	12.	7.8	1.766	1.329	7.8	7.85	8.35	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	3 ##	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	2	7.25	7.25	7.4	7.1	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	2	7.225	7.225	7.4	7.1	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	2	0.06	0.06	0.079	0.04	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	2	73.	73.	94.	52.	882.	29.698	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	3 ##	2.	23.667	67.	2.	1408.333	37.528	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	3	0.148	0.124	0.149	0.076	0.002	0.042	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	3	0.01	0.016	0.034	0.005	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	3	1.4	1.307	1.44	1.08	0.039	0.197	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	3	0.362	0.37	0.45	0.298	0.006	0.076	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	3	0.073	0.074	0.077	0.072	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	3	0.045	0.041	0.046	0.031	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	3	0.033	0.029	0.036	0.017	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	3	3.9	5.067	8.	3.3	6.543	2.558	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	3	3.3	4.467	7.7	2.4	8.043	2.836	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	2	9.5	9.5	12.	7.	12.5	3.536	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	37	26.9	22.403	29.7	1.	61.724	7.856	9.46	15.65	27.85	28.82
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	9	1.	0.944	1.3	0.4	0.093	0.305	0.4	0.7	1.15	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	16	223.5	230.5	338.	135.	2975.733	54.55	142.	198.75	277.5	311.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	37	6.3	5.67	12.5	0.	7.676	2.771	1.28	3.8	7.35	8.66
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	9	1.5	1.689	2.8	0.5	0.599	0.774	0.5	1.05	2.4	2.8
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	13	7.5	7.5	8.2	6.4	0.205	0.453	6.6	7.4	7.7	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	13	7.5	7.211	8.2	6.4	0.295	0.544	6.6	7.4	7.7	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	13	0.032	0.062	0.398	0.006	0.011	0.105	0.008	0.02	0.04	0.289
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	10	82.	79.	104.	44.	395.778	19.894	45.	60.	93.	103.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	7	5.	6.571	16.	2.	21.952	4.685	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.142	0.183	0.332	0.042	0.01	0.098	0.042	0.106	0.278	0.332
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.031	0.032	0.078	0.01	0.	0.021	0.01	0.016	0.039	0.078
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	1.19	1.388	2.6	0.63	0.453	0.673	0.63	0.895	1.945	2.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	10	0.601	0.588	0.829	0.426	0.016	0.125	0.428	0.481	0.658	0.818
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	10	0.061	0.07	0.123	0.043	0.001	0.026	0.044	0.053	0.087	0.121
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	9	0.035	0.039	0.087	0.006	0.001	0.026	0.006	0.019	0.057	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	9	0.022	0.027	0.07	0.004	0.001	0.023	0.004	0.007	0.042	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	7	2.9	4.314	7.8	1.6	6.688	2.586	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	7	2.3	3.671	8.	0.5	7.066	2.658	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	10	93.	99.8	166.	32.	1543.511	39.288	36.	72.	131.5	163.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	10	9.5	13.7	36.	4.	111.122	10.541	4.1	6.5	20.5	35.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	47	24.8	22.449	28.	6.9	31.302	5.595	13.	19.	26.2	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	9	1.2	1.	1.3	0.2	0.14	0.374	0.2	0.75	1.25	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	47	269.	271.319	340.	203.	2171.526	46.6	212.	230.	325.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	47	6.8	6.911	14.	4.4	3.037	1.743	4.68	6.	7.8	8.84
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	8 ##	1.15	1.313	2.7	0.5	0.833	0.913	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	29	7.4	7.562	8.9	6.8	0.293	0.541	6.9	7.2	7.9	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	29	7.4	7.324	8.9	6.8	0.352	0.593	6.9	7.2	7.9	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	29	0.04	0.047	0.158	0.001	0.002	0.043	0.005	0.013	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	8	65.	70.25	100.	51.	221.929	14.897	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	9	4.	6.333	26.	2.	57.	7.55	2.	2.	6.	26.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.116	0.092	0.196	0.02	0.004	0.064	0.02	0.02	0.136	0.196
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.026	0.029	0.055	0.01	0.	0.016	0.01	0.016	0.045	0.055
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	1.	0.874	1.43	0.23	0.135	0.367	0.23	0.575	1.105	1.43
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	9	0.644	0.648	1.04	0.05	0.076	0.276	0.05	0.55	0.829	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	9	0.069	0.078	0.195	0.042	0.002	0.046	0.042	0.048	0.08	0.195
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	9	0.032	0.041	0.114	0.012	0.001	0.03	0.012	0.024	0.045	0.114
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	9	0.011	0.023	0.09	0.004	0.001	0.027	0.004	0.007	0.033	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	9	3.4	3.378	5.4	1.8	1.827	1.352	1.8	2.	4.65	5.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	9	2.3	2.744	5.3	0.5	2.038	1.428	0.5	1.8	3.7	5.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	8	123.	103.625	148.	0.	2240.554	47.334	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	8	7.5	24.625	132.	5.	1905.696	43.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	59	21.5	21.185	28.7	3.	38.506	6.205	14.	18.7	27.5	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	10	0.9	0.99	1.8	0.5	0.132	0.363	0.52	0.775	1.15	1.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	58	329.5	340.897	473.	274.	4355.393	65.995	276.	289.	404.	469.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	58	6.	6.197	13.5	2.3	4.58	2.14	3.99	4.3	7.45	8.73
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	12	2.1	1.8	3.	0.1	0.907	0.953	0.22	0.75	2.5	2.88
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	58	7.4	7.655	8.8	6.4	0.315	0.561	7.2	7.2	8.1	8.51
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	58	7.4	7.338	8.8	6.4	0.417	0.646	7.2	7.2	8.1	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	58	0.04	0.046	0.398	0.002	0.005	0.072	0.003	0.008	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	12	79.	76.583	95.	54.	154.265	12.42	55.8	66.25	87.25	93.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	11	4.	5.	16.	0.	19.8	4.45	0.	2.	7.	14.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	11	0.097	0.206	1.29	0.02	0.131	0.362	0.028	0.076	0.117	1.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	12	0.046	0.125	0.926	0.017	0.065	0.255	0.017	0.021	0.087	0.69
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	12	0.84	0.907	1.93	0.01	0.353	0.594	0.07	0.403	1.385	1.87
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	11	0.754	0.681	0.844	0.506	0.023	0.151	0.507	0.512	0.831	0.842
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	12	0.052	0.053	0.073	0.042	0.	0.009	0.042	0.045	0.061	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	11	0.026	0.028	0.05	0.005	0.	0.012	0.008	0.021	0.034	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	11 ##	0.004	0.012	0.033	0.004	0.	0.011	0.004	0.004	0.02	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	12	3.3	3.367	5.2	1.8	1.357	1.165	1.83	2.175	4.5	5.08
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	12	2.75	2.8	4.6	1.	1.18	1.086	1.15	2.05	3.75	4.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	32.	57.25	176.	6.	3763.295	61.346	7.2	18.5	104.	173.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	12	9.	10.083	21.	6.	18.265	4.274	6.	7.	11.75	18.9

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Annual Analysis for 1987 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	65	17.7	18.858	29.7	2.9	65.437	8.089	7.06	10.	25.95	28.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	11	0.9	0.936	1.7	0.3	0.187	0.432	0.32	0.6	1.3	1.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	65	256.	285.323	423.	174.	5039.535	70.99	206.	239.	338.	421.

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Annual Analysis for 1987 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	65	6.8	5.482	9.9	0.3	11.814	3.437	0.4	1.3	8.55	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	10	1.65	1.75	3.1	0.5	0.727	0.853	0.55	1.075	2.65	3.07
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	65	7.5	7.418	8.	6.4	0.162	0.402	6.9	7.1	7.8	7.94
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	65	7.5	7.222	8.	6.4	0.201	0.448	6.9	7.1	7.8	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	65	0.032	0.06	0.398	0.01	0.005	0.07	0.012	0.016	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	12	77.5	78.	100.	57.	214.364	14.641	57.9	62.5	91.5	98.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	5	5.	7.4	18.	2.	39.8	6.309	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	11 ##	0.02	0.051	0.126	0.02	0.002	0.041	0.02	0.02	0.082	0.124
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	11	0.021	0.029	0.087	0.01	0.001	0.022	0.01	0.013	0.04	0.078
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	11	1.16	1.294	1.87	0.7	0.178	0.422	0.708	0.9	1.66	1.846
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	4	0.366	0.392	0.504	0.331	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	4	0.046	0.051	0.077	0.035	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	4	0.04	0.04	0.047	0.032	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	11	0.01	0.014	0.032	0.004	0.	0.012	0.004	0.004	0.031	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	5	2.5	2.3	2.8	1.4	0.36	0.6	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	11	2.8	3.418	7.8	1.6	3.348	1.83	1.62	2.2	4.6	7.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	109.5	114.583	162.	51.	924.083	30.399	63.	100.5	144.75	158.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	12	10.5	16.667	66.	5.	277.697	16.664	5.3	8.25	18.75	54.

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Annual Analysis for 1988 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	45	22.	21.444	31.6	0.4	55.821	7.471	9.84	16.75	27.85	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	10	0.9	0.85	1.3	0.1	0.112	0.334	0.15	0.675	1.1	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	45	365.	354.644	499.	240.	3342.371	57.813	274.4	292.5	408.	412.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	45	7.3	7.207	11.8	0.6	3.632	1.906	4.82	6.3	8.15	9.36
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	10	1.9	2.06	3.4	1.1	0.829	0.911	1.1	1.175	2.925	3.39
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	45	7.5	7.618	8.6	7.1	0.106	0.325	7.3	7.4	7.7	8.14
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	45	7.5	7.529	8.6	7.1	0.114	0.337	7.3	7.4	7.7	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	45	0.032	0.03	0.079	0.003	0.	0.016	0.007	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	12	74.5	77.75	100.	60.	176.932	13.302	61.2	67.25	90.	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	3	9.	16.333	36.	4.	296.333	17.214	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	11	0.091	0.089	0.18	0.02	0.002	0.048	0.02	0.05	0.123	0.169
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	12	0.024	0.04	0.134	0.005	0.002	0.042	0.005	0.011	0.052	0.127
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	12	1.095	1.145	1.74	0.72	0.145	0.381	0.735	0.818	1.57	1.737
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	2	0.479	0.479	0.484	0.473	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	1	0.053	0.053	0.053	0.053	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	10	0.009	0.012	0.04	0.004	0.	0.012	0.004	0.004	0.015	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	3	4.2	4.7	5.7	4.2	0.75	0.866	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	12	3.8	3.717	5.9	2.4	0.863	0.929	2.49	2.85	4.175	5.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	120.	127.583	190.	98.	791.174	28.128	98.9	103.	148.	181.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	12	10.	11.833	24.	5.	31.061	5.573	5.6	8.25	15.25	22.8

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Annual Analysis for 1989 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	42	23.95	20.774	28.7	2.5	45.958	6.779	7.03	18.7	24.8	27.37
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	11	1.1	1.073	1.4	0.6	0.07	0.265	0.62	0.9	1.3	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	38	271.5	283.789	457.	229.	1248.225	35.33	261.	265.75	300.	310.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	34	7.55	7.724	12.4	3.6	6.313	2.513	4.15	5.75	9.55	11.

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Annual Analysis for 1989 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	10	1.2	1.23	2.4	0.5	0.3	0.548	0.5	0.875	1.45	2.32
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	34	7.55	7.653	8.7	7.	0.223	0.472	7.	7.35	7.9	8.45
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	34	7.547	7.449	8.7	7.	0.265	0.515	7.	7.35	7.9	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	34	0.028	0.036	0.1	0.002	0.001	0.032	0.004	0.013	0.046	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	12	74.	66.417	90.	7.	466.083	21.589	19.9	59.	79.	87.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	10	6.	7.7	15.	4.	14.678	3.831	4.1	5.	12.	14.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	10 ##	0.033	0.065	0.218	0.02	0.004	0.064	0.02	0.02	0.096	0.207
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	10	0.018	0.019	0.036	0.005	0.	0.01	0.005	0.011	0.026	0.035
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	10	1.14	1.185	1.54	0.88	0.046	0.214	0.892	1.038	1.323	1.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	9	0.575	0.549	1.05	0.	0.156	0.396	0.	0.149	0.915	1.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	8 ##	0.005	0.027	0.085	0.	0.001	0.036	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	7	0.005	0.018	0.072	0.	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	9	0.016	0.019	0.046	0.004	0.	0.016	0.004	0.004	0.034	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	10	3.8	4.52	13.3	2.2	10.195	3.193	2.24	2.975	4.35	12.48
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	10	3.9	3.69	7.8	1.3	3.139	1.772	1.39	2.2	4.175	7.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	12	117.	118.167	188.	84.	647.606	25.448	88.8	102.	124.5	170.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	12	7.5	9.417	22.	6.	26.083	5.107	6.	6.	11.	20.5

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Annual Analysis for 1990 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	50	23.55	21.17	27.8	1.6	37.108	6.092	11.1	18.3	25.4	26.17
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	8	0.9	0.913	1.2	0.6	0.036	0.189	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	50	246.	256.46	354.	200.	1935.396	43.993	212.3	217.75	289.25	330.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	50	6.2	6.368	11.	0.3	5.262	2.294	3.71	5.475	7.35	10.65
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	9	2.4	2.089	3.3	0.5	0.766	0.875	0.5	1.4	2.7	3.3
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	50	7.4	7.314	8.2	6.6	0.151	0.389	6.9	6.9	7.5	7.79
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	50	7.4	7.167	8.2	6.6	0.173	0.416	6.9	6.9	7.5	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	50	0.04	0.068	0.251	0.006	0.003	0.054	0.016	0.032	0.126	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	9	66.	63.556	84.	46.	145.778	12.074	46.	52.	71.	84.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	9	10.	12.778	42.	4.	130.444	11.421	4.	6.5	13.	42.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.128	0.122	0.297	0.02	0.008	0.092	0.02	0.02	0.17	0.297
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	0.022	0.025	0.056	0.012	0.	0.014	0.012	0.014	0.034	0.056
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	9	1.12	1.03	1.5	0.52	0.102	0.319	0.52	0.74	1.265	1.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	9	0.86	0.805	0.989	0.54	0.02	0.141	0.54	0.709	0.881	0.989
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	9	0.064	0.067	0.12	0.033	0.001	0.026	0.033	0.049	0.082	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	9	0.032	0.034	0.08	0.014	0.	0.019	0.014	0.022	0.037	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	9 ##	0.004	0.01	0.044	0.	0.	0.014	0.	0.004	0.013	0.044
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	9	4.1	4.244	6.3	2.7	1.093	1.045	2.7	3.6	4.85	6.3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	9	3.7	3.789	4.8	2.7	0.546	0.739	2.7	3.15	4.5	4.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	9	108.	104.	126.	76.	285.	16.882	76.	90.	117.	126.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	9	12.	12.889	28.	7.	35.111	5.925	7.	10.5	12.5	28.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	192	25.75	24.795	31.6	16.9	12.331	3.512	19.	23.2	27.575	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	27	1.1	1.011	1.5	0.1	0.081	0.285	0.6	0.9	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	167	330.	329.695	473.	212.	4001.346	63.256	255.4	272.	367.	412.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	184	6.4	6.268	11.	0.3	4.326	2.08	3.8	4.625	7.8	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	25	2.5	2.252	3.4	0.5	0.603	0.777	0.92	1.75	2.8	3.18
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	151	7.5	7.515	8.9	6.6	0.155	0.394	7.1	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	151	7.5	7.369	8.9	6.6	0.176	0.42	7.1	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	151	0.032	0.043	0.251	0.001	0.001	0.036	0.01	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	28	82.	81.5	102.	46.	174.333	13.204	61.8	74.5	90.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	18	6.	5.667	14.	2.	10.118	3.181	2.	3.5	7.25	10.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	25	0.074	0.082	0.218	0.02	0.004	0.066	0.02	0.02	0.135	0.199
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	27	0.041	0.051	0.134	0.014	0.001	0.029	0.022	0.032	0.056	0.093
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	27	0.8	0.827	1.66	0.21	0.104	0.323	0.334	0.66	1.08	1.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	18	0.821	0.773	1.05	0.45	0.035	0.186	0.49	0.587	0.894	1.041
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	19	0.054	0.06	0.12	0.	0.001	0.024	0.042	0.049	0.074	0.085
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	19	0.026	0.024	0.042	0.	0.	0.011	0.005	0.019	0.032	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	27 ##	0.004	0.008	0.031	0.004	0.	0.009	0.004	0.004	0.01	0.026
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	20	3.65	3.69	6.3	1.6	1.971	1.404	1.83	2.6	5.1	5.67
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	27	3.3	3.37	7.8	0.5	2.214	1.488	2.	2.2	4.1	5.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	27	130.	121.556	166.	20.	1444.564	38.007	39.6	114.	148.	162.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/11/90	16	1.2	1.513	3.7	0.3	0.867	0.931	0.44	0.9	2.25	3.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	13	140.	226.538	790.	20.	51455.769	226.839	30.	50.	295.	698.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	13	2.146	2.144	2.898	1.301	0.223	0.472	1.442	1.699	2.467	2.838
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			139.335								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	28	7.	8.5	24.	4.	17.519	4.186	5.	6.	10.	12.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	40	6.9	6.995	13.4	0.4	14.516	3.81	2.52	3.825	9.8	13.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	24	1.	0.971	1.8	0.2	0.161	0.402	0.45	0.6	1.25	1.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	39	270.	279.231	499.	135.	6466.814	80.417	192.	230.	317.	413.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	39	8.7	8.046	13.5	1.	13.761	3.71	1.2	7.3	10.9	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	28	1.15	1.225	3.3	0.1	0.504	0.71	0.5	0.5	1.5	2.24
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	37	7.3	7.289	8.2	6.4	0.217	0.466	6.64	6.95	7.5	8.02
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	37	7.3	7.058	8.2	6.4	0.272	0.521	6.64	6.95	7.5	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	37	0.05	0.087	0.398	0.006	0.011	0.103	0.01	0.032	0.113	0.239
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	29	70.	71.241	104.	51.	204.19	14.289	54.	59.	80.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	24	5.	12.333	67.	0.	251.623	15.863	2.	4.	15.75	39.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	29	0.116	0.151	1.29	0.02	0.052	0.228	0.02	0.064	0.149	0.268
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	29	0.014	0.05	0.926	0.005	0.029	0.17	0.005	0.01	0.021	0.036
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	29	1.5	1.459	2.6	0.01	0.23	0.48	0.84	1.15	1.73	1.93
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	25	0.511	0.498	0.873	0.	0.051	0.225	0.178	0.357	0.619	0.818
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	23	0.053	0.058	0.195	0.	0.002	0.042	0.002	0.042	0.067	0.115
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	22	0.037	0.039	0.114	0.	0.001	0.026	0.003	0.023	0.047	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	26	0.027	0.028	0.09	0.	0.	0.021	0.004	0.014	0.037	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	24	3.65	3.85	8.	1.4	2.603	1.613	1.9	2.725	4.5	6.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	28	3.35	3.589	7.7	1.5	1.845	1.358	2.14	2.625	4.2	5.38
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	28	102.	98.607	190.	0.	2323.729	48.205	27.6	76.	120.	177.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/11/90	16	2.8	2.55	3.5	0.9	0.693	0.833	1.32	1.775	3.275	3.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	12	280.	538.333	2400.	20.	501015.152	707.824	35.	110.	527.5	2136.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	12	2.44	2.425	3.38	1.301	0.329	0.573	1.464	1.974	2.722	3.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			265.975								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	29	11.	17.241	132.	5.	532.261	23.071	6.	8.	19.5	28.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/11/90	122	19.25	19.471	29.7	8.1	26.013	5.1	11.73	15.675	24.	25.21
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/11/90	19	0.9	0.9	1.3	0.3	0.084	0.291	0.4	0.7	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/11/90	115	255.	251.27	338.	174.	1244.462	35.277	206.	216.	288.	292.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/11/90	122	6.65	6.271	14.	0.	7.158	2.675	1.25	5.225	7.8	9.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/11/90	18	1.6	1.583	2.6	0.5	0.604	0.777	0.5	0.95	2.4	2.6
00400	PH (STANDARD UNITS)	10/12/83-09/11/90	108	7.5	7.609	8.8	6.4	0.276	0.526	6.9	7.3	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/11/90	108	7.5	7.325	8.8	6.4	0.358	0.598	6.9	7.3	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/11/90	108	0.032	0.047	0.398	0.002	0.004	0.06	0.005	0.01	0.05	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/11/90	20	66.	65.35	95.	7.	371.187	19.266	44.4	60.	77.25	89.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/11/90	15	6.	7.267	18.	0.	21.781	4.667	1.2	4.	12.	14.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	19	0.091	0.103	0.332	0.02	0.009	0.093	0.02	0.02	0.125	0.297
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	19	0.024	0.025	0.062	0.01	0.	0.012	0.012	0.017	0.03	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/11/90	19	1.07	1.033	1.32	0.53	0.035	0.186	0.77	0.96	1.16	1.28
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/11/90	14	0.639	0.619	0.935	0.05	0.052	0.228	0.238	0.489	0.814	0.898
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/11/90	14	0.061	0.061	0.088	0.033	0.	0.018	0.038	0.043	0.078	0.085
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/11/90	12	0.037	0.038	0.08	0.005	0.001	0.022	0.007	0.019	0.046	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/11/90	18	0.01	0.013	0.044	0.004	0.	0.012	0.004	0.004	0.018	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/11/90	14	3.5	4.214	13.3	1.8	9.026	3.004	1.85	2.6	4.1	10.55
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/11/90	18	3.15	3.283	8.	0.5	4.131	2.032	0.95	1.65	4.025	7.82
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/11/90	20	98.	86.55	120.	10.	1081.524	32.887	18.5	82.	107.25	118.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/11/90	11	1.7	1.609	3.1	0.1	1.425	1.194	0.1	0.1	2.8	3.08
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	7	80.	162.	490.	10.	31694.667	178.03	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/09/90	7	1.903	1.88	2.69	1.	0.447	0.669	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			75.808								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/11/90	20	12.	15.35	66.	6.	183.503	13.546	7.	9.25	15.25	34.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0292

NPS Station ID: GWMP0292
LAT/LON: 38.873892/ -77.041392
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT 14TH ST. BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-002 /002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	110	23.	19.765	30.8	2.	63.039	7.94	7.	14.875	25.275	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	28	13.	17.779	45.	2.	197.702	14.061	4.25	7.55	30.	42.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	17	10.	18.829	125.	2.7	815.533	28.558	3.58	6.55	19.5	53.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	47	22.	25.234	108.	4.	337.661	18.376	9.6	14.	30.	44.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	24	0.75	0.689	1.27	0.25	0.086	0.294	0.285	0.363	0.86	1.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	15	360.	341.533	513.	200.	5302.552	72.819	218.	300.	369.	439.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	9	7.6	7.522	9.9	4.6	2.292	1.514	4.6	6.65	8.55	9.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	108	8.65	9.135	14.5	2.5	6.543	2.558	6.47	7.525	10.975	13.21
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	24	1.75	2.1	4.3	0.5	1.278	1.131	0.5	1.325	2.975	3.95
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.6	7.69	9.13	6.45	0.387	0.622	6.675	7.435	8.04	8.456
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.6	7.284	9.13	6.45	0.56	0.748	6.675	7.435	8.04	8.456
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	20	0.025	0.052	0.355	0.001	0.008	0.088	0.004	0.009	0.037	0.214
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	6	0.075	0.073	0.09	0.05	0.	0.014	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	22	0.03	0.053	0.204	0.01	0.003	0.053	0.02	0.02	0.067	0.159
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	83	0.07	0.09	0.45	0.001	0.007	0.081	0.024	0.045	0.11	0.141
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	24	0.012	0.013	0.025	0.005	0.	0.006	0.005	0.006	0.017	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	24	0.575	0.69	1.55	0.07	0.139	0.373	0.215	0.43	0.978	1.25
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	25	0.263	0.252	0.477	0.001	0.017	0.13	0.1	0.1	0.355	0.433
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	107	0.518	0.595	2.6	0.085	0.121	0.348	0.264	0.391	0.711	1.039
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	84	0.845	0.825	1.82	0.001	0.187	0.432	0.245	0.468	1.148	1.35
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	97	0.29	0.325	0.79	0.04	0.024	0.154	0.15	0.21	0.42	0.562
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	12	0.095	0.113	0.19	0.02	0.004	0.063	0.026	0.063	0.18	0.187
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	84	0.11	0.138	0.62	0.007	0.014	0.12	0.02	0.06	0.18	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	13	0.067	0.073	0.168	0.044	0.001	0.03	0.048	0.059	0.072	0.134
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	13	0.025	0.034	0.092	0.014	0.	0.022	0.015	0.02	0.038	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	13	0.012	0.02	0.084	0.004	0.001	0.025	0.004	0.004	0.026	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	90	5.85	6.392	47.6	0.5	25.994	5.098	2.82	4.375	7.225	9.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	8 ##	0.95	1.45	3.2	0.5	1.409	1.187	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	53	21.9	21.908	33.2	10.3	25.358	5.036	14.68	18.3	25.15	28.18
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/71-06/30/71	2	68.	68.	68.	68.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3003.	2946.	3910.	1760.	502160.	708.632	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	12245.	12245.	24000.	490.	276360050.	16624.08	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.535	3.535	4.38	2.69	1.428	1.195	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3429.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	1300.	1206.667	2300.	20.	1306133.333	1142.862	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	3.114	2.592	3.362	1.301	1.266	1.125	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			391.051								
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.022	0.023	0.067	0.003	0.	0.022	0.003	0.003	0.038	0.065
32237	PIGMENTS, PHEAD (MG/L)	06/30/71-06/30/71	2	68.	68.	68.	68.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.089	0.097	0.321	0.02	0.008	0.09	0.02	0.02	0.146	0.271

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	28	0	0.00	13	0	0.00	5	0	0.00	10	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	1	0.06	13	1	0.08				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9	0	0.00	8	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	108	3	0.03	47	3	0.06	20	0	0.00	41	0	0.00			
00400	PH	Other-Hi Lim.	9.	20	1	0.05	13	1	0.08	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	20	1	0.05	13	1	0.08	2	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	24	0	0.00	18	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	24	0	0.00	18	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	84	0	0.00	29	0	0.00	20	0	0.00	35	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	27	23.	20.074	26.5	4.	37.937	6.159	8.	17.	24.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	8.45	8.423	13.2	3.8	6.442	2.538	4.31	6.5	10.225	12.27
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	23	0.052	0.098	0.45	0.001	0.011	0.103	0.014	0.028	0.14	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	23	0.875	0.899	2.6	0.085	0.319	0.565	0.147	0.494	1.144	1.668
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	24	0.87	0.757	1.35	0.12	0.15	0.387	0.21	0.39	1.103	1.235
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.425	0.417	0.75	0.19	0.026	0.16	0.215	0.273	0.488	0.68
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	24	0.205	0.215	0.56	0.07	0.02	0.14	0.08	0.103	0.288	0.495
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	16	6.65	9.112	47.6	2.8	109.569	10.468	3.22	5.325	9.025	21.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	19.5	17.5	28.	2.5	92.25	9.605	2.7	8.	27.	27.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	12	9.4	8.95	14.4	2.5	15.901	3.988	2.74	5.3	11.85	14.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.085	0.138	0.426	0.045	0.018	0.135	0.047	0.065	0.134	0.423
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	0.658	0.596	1.164	0.098	0.113	0.337	0.118	0.264	0.77	1.142
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	12	0.495	0.677	1.82	0.02	0.361	0.601	0.023	0.243	1.28	1.682
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.245	0.274	0.48	0.14	0.015	0.124	0.143	0.16	0.373	0.474
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	11	0.12	0.138	0.31	0.03	0.008	0.092	0.032	0.07	0.16	0.306
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	5.35	5.06	8.1	1.2	6.2	2.49	1.23	2.7	7.2	8.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	13.5	16.	25.	3.	69.071	8.311	3.6	7.	24.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	15	10.4	10.38	14.2	6.8	6.48	2.546	7.16	8.4	13.3	14.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	15	0.07	0.075	0.138	0.015	0.001	0.035	0.027	0.045	0.1	0.13
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	0.569	0.568	0.76	0.41	0.012	0.11	0.422	0.48	0.638	0.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	15	1.1	1.038	1.5	0.53	0.094	0.307	0.542	0.82	1.2	1.494
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	15	0.24	0.307	0.79	0.16	0.03	0.174	0.16	0.19	0.31	0.676
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	15	0.09	0.144	0.62	0.05	0.02	0.142	0.05	0.07	0.18	0.374
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	15	5.9	7.247	14.4	4.2	9.748	3.122	4.44	5.2	8.4	13.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.	16.528	27.	5.	53.896	7.341	5.9	10.	24.	26.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	9.5	9.694	13.3	6.7	4.266	2.066	6.88	8.	11.55	13.21
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	18	0.073	0.074	0.14	0.001	0.001	0.036	0.036	0.045	0.099	0.131
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	0.582	0.551	0.97	0.263	0.04	0.2	0.321	0.379	0.692	0.887
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	18	0.97	0.907	1.63	0.3	0.149	0.386	0.327	0.607	1.15	1.63
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.285	0.318	0.62	0.14	0.024	0.156	0.14	0.195	0.413	0.575
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	18	0.09	0.101	0.19	0.01	0.003	0.056	0.019	0.058	0.163	0.181
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	18	5.7	5.989	10.1	3.2	3.889	1.972	3.2	4.575	7.075	10.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	9	24.	18.444	28.	2.	114.34	10.693	2.	6.	27.	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	9	8.5	9.444	14.2	5.8	9.273	3.045	5.8	7.05	12.65	14.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	9	0.06	0.07	0.125	0.022	0.002	0.04	0.022	0.033	0.115	0.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	9	0.518	0.553	0.848	0.308	0.027	0.166	0.308	0.459	0.673	0.848
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	9	0.54	0.512	1.07	0.001	0.177	0.421	0.001	0.06	0.94	1.07
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	0.25	0.276	0.42	0.14	0.01	0.101	0.14	0.195	0.375	0.42
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	9	0.02	0.036	0.11	0.007	0.002	0.042	0.007	0.01	0.07	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	7.3	7.567	11.1	4.3	5.018	2.24	4.3	5.75	9.6	11.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.5	27.25	29.	25.	2.917	1.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	7.75	7.85	9.1	6.8	0.977	0.988	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.108	0.097	0.127	0.044	0.001	0.037	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	4	0.513	0.541	0.642	0.496	0.005	0.068	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	4	0.955	0.975	1.28	0.71	0.086	0.292	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.315	0.335	0.5	0.21	0.022	0.148	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.095	0.1	0.19	0.02	0.007	0.083	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	4	6.3	5.875	9.2	1.7	9.782	3.128	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.5	15.5	28.	3.	312.5	17.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.3	11.3	14.5	8.1	20.48	4.525	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.076	0.076	0.076	0.076	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.434	0.434	0.515	0.353	0.013	0.115	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	2	1.29	1.29	1.34	1.24	0.005	0.071	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.24	0.24	0.44	0.04	0.08	0.283	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.08	0.08	0.14	0.02	0.007	0.085	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	4.7	4.7	5.5	3.9	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	1	0.719	0.719	0.719	0.719	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	24.1	22.742	30.	14.5	25.154	5.015	15.25	17.7	27.25	29.31
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.9	8.918	11.	6.9	1.476	1.215	6.9	8.5	9.7	10.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.389	0.405	0.602	0.263	0.014	0.12	0.263	0.283	0.509	0.592
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.27	0.283	0.6	0.14	0.014	0.12	0.143	0.215	0.318	0.525
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	4.4	3.856	7.1	0.5	4.513	2.124	0.5	2.1	4.9	7.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	6	28.5	28.2	30.8	25.2	4.892	2.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	7.6	7.6	8.7	6.7	0.69	0.831	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	5	0.283	0.296	0.388	0.218	0.006	0.077	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	6	2.85	2.967	3.6	2.6	0.171	0.413	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.5	25.	29.2	19.4	12.515	3.538	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	9.8	9.44	11.7	7.5	2.913	1.707	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.451	0.415	0.49	0.269	0.01	0.099	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	51	25.	24.38	30.8	13.	20.555	4.534	15.4	23.	27.5	29.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	18	22.	21.611	46.	4.	110.722	10.522	10.3	12.75	27.75	37.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	47	7.7	7.566	11.7	2.5	3.771	1.942	4.34	6.7	8.7	10.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	18	2.4	2.356	4.3	0.5	1.259	1.122	0.95	1.375	3.075	4.03
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.5	7.584	9.13	6.45	0.521	0.721	6.53	7.1	8.005	8.846
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.5	7.147	9.13	6.45	0.727	0.853	6.53	7.1	8.005	8.846
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.032	0.071	0.355	0.001	0.011	0.105	0.002	0.01	0.088	0.302
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	29	0.102	0.127	0.45	0.001	0.013	0.116	0.022	0.063	0.135	0.416
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	19	0.269	0.254	0.477	0.001	0.017	0.132	0.1	0.1	0.351	0.476
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	47	0.503	0.607	1.966	0.218	0.105	0.324	0.28	0.391	0.719	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	29	0.57	0.61	1.5	0.001	0.221	0.47	0.03	0.21	0.97	1.41
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	38	0.31	0.337	0.6	0.14	0.016	0.127	0.189	0.238	0.463	0.56
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	30	0.105	0.142	0.56	0.01	0.021	0.146	0.011	0.038	0.183	0.457
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	38	5.9	6.211	14.4	0.5	8.763	2.96	2.6	4.275	7.3	10.01
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	22	24.5	24.945	33.2	19.1	14.752	3.841	19.76	21.725	27.55	30.82

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	19	6.	6.658	20.	2.	19.335	4.397	2.5	3.	8.5	12.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	10	31.5	37.9	108.	4.	1094.767	33.087	4.2	12.	57.	105.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	20	13.25	12.97	14.5	10.9	1.452	1.205	11.13	11.75	14.15	14.4
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	19	0.065	0.075	0.125	0.04	0.001	0.032	0.045	0.045	0.1	0.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	19	0.429	0.436	1.144	0.085	0.056	0.237	0.17	0.264	0.532	0.756
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	20	1.14	1.176	1.82	0.64	0.09	0.3	0.761	0.945	1.35	1.63
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	20	0.245	0.299	0.75	0.04	0.038	0.194	0.14	0.153	0.385	0.708
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	19	0.11	0.14	0.3	0.02	0.008	0.09	0.02	0.08	0.18	0.29
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	20	4.6	7.475	47.6	1.2	96.034	9.8	1.63	3.925	7.225	10.96
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	12	21.5	19.983	26.7	13.9	17.507	4.184	14.11	16.45	23.275	26.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	40	21.	20.105	28.	8.	29.239	5.407	10.65	16.4	24.425	25.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	19	22.	22.	44.	8.	97.667	9.883	10.	14.	27.	37.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	41	8.9	9.063	12.	5.	2.225	1.492	7.5	8.2	9.9	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	6	1.4	1.333	2.7	0.5	0.659	0.812	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.95	8.002	8.46	7.6	0.114	0.337	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.95	7.907	8.46	7.6	0.125	0.353	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	5	0.011	0.012	0.025	0.003	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	35	0.059	0.068	0.2	0.001	0.002	0.048	0.019	0.029	0.09	0.14
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	6	0.232	0.245	0.404	0.1	0.019	0.138	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	41	0.61	0.654	2.6	0.098	0.16	0.4	0.27	0.449	0.76	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	35	0.82	0.802	1.34	0.24	0.112	0.335	0.256	0.45	1.11	1.15
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	39	0.29	0.328	0.79	0.14	0.025	0.158	0.15	0.21	0.43	0.62
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	35	0.1	0.133	0.62	0.007	0.013	0.113	0.026	0.07	0.18	0.266
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	32	5.95	5.931	11.3	0.5	4.295	2.072	3.26	4.625	7.075	8.37
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	19	19.	19.605	28.	10.3	26.004	5.099	11.1	17.3	24.5	27.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0293

NPS Station ID: GWMP0293
LAT/LON: 38.873892/ -77.041392
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC RIVER AT 14TH ST. BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0293

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0294

NPS Station ID: GWMP0294 LAT/LON: 38.874170/ -76.985005 Agency: 21DCBAWQ Date Created: 10/11/86
Location: ANACOSTIA PARK POOL, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA16
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.870 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ANACOSTIA PARK POOL, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	69	16.7	16.803	29.6	2.9	75.028	8.662	4.8	8.5	25.35	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	70.	59.333	100.	0.	1778.095	42.167	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/10/85	5	0.4	0.38	0.6	0.2	0.022	0.148	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	67	285.	318.045	1094.	70.	28573.498	169.037	186.	229.	331.	500.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	68	4.7	5.024	9.7	0.1	6.159	2.482	1.9	3.125	7.125	8.62
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	62	6.8	6.874	8.	6.3	0.122	0.349	6.5	6.6	7.	7.37
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	62	6.8	6.766	8.	6.3	0.134	0.365	6.5	6.6	7.	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	62	0.158	0.171	0.501	0.01	0.012	0.11	0.043	0.1	0.251	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0294

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	68	25	0.37	27	14	0.52	22	5	0.23	19	6	0.32			
00400	PH	Other-Hi Lim.	9.	62	0	0.00	25	0	0.00	19	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	62	11	0.18	25	5	0.20	19	3	0.16	18	3	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	3	8.8	11.567	17.9	8.	30.243	5.499	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	3	152.	174.	300.	70.	13588.	116.568	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	3	7.6	8.	9.2	7.2	1.12	1.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	8	19.75	17.825	28.8	3.	102.014	10.1	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	6	207.	240.667	398.	145.	8675.867	93.144	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	7	4.6	5.329	9.4	2.6	5.422	2.329	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	4	6.75	6.9	7.6	6.5	0.247	0.497	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	4	6.725	6.746	7.6	6.5	0.278	0.528	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	4	0.189	0.18	0.316	0.025	0.017	0.13	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	8	22.25	20.038	28.	5.8	64.26	8.016	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	8	261.5	251.875	303.	190.	1525.839	39.062	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	8	5.3	5.8	8.1	4.6	1.786	1.336	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	8	7.25	7.3	8.	6.8	0.203	0.45	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	8	7.225	7.13	8.	6.8	0.236	0.486	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	8	0.06	0.074	0.158	0.01	0.004	0.06	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	10	19.2	17.82	28.5	4.8	70.031	8.368	5.05	8.95	25.025	28.31
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	10	311.	361.6	844.	239.	30872.933	175.707	239.3	280.25	356.25	799.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	10	4.5	4.69	9.7	1.3	5.921	2.433	1.37	2.975	6.25	9.37
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.9	6.97	7.7	6.6	0.093	0.306	6.61	6.775	7.05	7.65
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.9	6.896	7.7	6.6	0.099	0.315	6.61	6.775	7.05	7.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	10	0.126	0.127	0.251	0.02	0.004	0.066	0.024	0.091	0.169	0.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	14	16.15	15.229	29.5	3.2	79.228	8.901	3.4	7.85	25.025	28.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	14	301.	336.	632.	174.	15873.692	125.991	201.5	275.75	348.75	606.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	14	3.35	4.036	9.1	0.1	6.724	2.593	0.8	2.35	5.725	8.8
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	14	6.5	6.543	6.9	6.3	0.033	0.183	6.35	6.4	6.625	6.9
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	14	6.5	6.511	6.9	6.3	0.034	0.186	6.35	6.4	6.625	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	14	0.316	0.308	0.501	0.126	0.012	0.109	0.126	0.238	0.398	0.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	10	19.55	18.07	29.6	6.	74.222	8.615	6.02	9.8	25.1	29.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	10	304.5	351.	752.	250.	21899.333	147.984	250.8	259.5	373.	714.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	10	4.5	4.72	8.1	1.9	4.148	2.037	1.97	3.2	6.05	8.09
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.95	6.92	7.2	6.6	0.026	0.162	6.62	6.8	7.	7.18
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.947	6.892	7.2	6.6	0.027	0.165	6.62	6.8	7.	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	10	0.113	0.128	0.251	0.063	0.003	0.052	0.067	0.1	0.158	0.242

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	10	13.4	13.5	28.4	2.9	94.638	9.728	2.96	3.5	23.95	28.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	10	297.5	424.2	1094.	186.	84126.844	290.046	190.3	233.5	553.25	1061.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	10	5.95	5.9	9.4	2.2	7.789	2.791	2.25	2.925	8.525	9.32
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.85	6.93	7.3	6.7	0.045	0.211	6.7	6.775	7.125	7.29
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	10	6.847	6.888	7.3	6.7	0.046	0.216	6.7	6.775	7.125	7.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	10	0.142	0.129	0.2	0.05	0.003	0.054	0.051	0.075	0.169	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	6	21.8	19.117	26.4	6.8	64.182	8.011	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	6	204.5	209.333	302.	130.	3004.667	54.815	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	6	2.9	4.05	8.8	1.	11.231	3.351	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	6	6.75	6.733	6.9	6.5	0.019	0.137	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	6	6.747	6.714	6.9	6.5	0.019	0.138	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	6	0.179	0.193	0.316	0.126	0.004	0.067	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	27	25.7	23.926	29.6	16.7	20.217	4.496	16.7	18.7	27.8	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	26	284.5	281.769	402.	186.	3878.185	62.275	190.	227.75	315.25	379.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	27	3.8	3.852	7.2	1.2	2.682	1.638	1.78	2.5	5.	6.16
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	25	6.8	6.888	8.	6.4	0.185	0.43	6.4	6.6	7.	7.68
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	25	6.8	6.745	8.	6.4	0.206	0.454	6.4	6.6	7.	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	25	0.158	0.18	0.398	0.01	0.014	0.118	0.021	0.1	0.251	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	23	6.2	6.748	13.6	2.9	9.353	3.058	3.08	3.6	8.8	12.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	23	321.	414.261	1094.	70.	63678.202	252.345	147.8	259.	580.	814.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	22	7.55	6.45	9.7	0.1	8.027	2.833	2.1	4.	8.725	9.4
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	19	6.9	6.868	7.3	6.5	0.052	0.229	6.5	6.8	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	19	6.9	6.811	7.3	6.5	0.056	0.236	6.5	6.8	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	19	0.126	0.155	0.316	0.05	0.007	0.085	0.063	0.1	0.158	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/14/90	19	18.5	18.853	28.8	9.2	33.076	5.751	11.6	14.	24.1	26.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-08/14/90	18	255.	247.5	336.	130.	3015.324	54.912	169.6	204.5	290.	320.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-08/14/90	19	5.	5.037	8.8	1.	5.141	2.267	2.	3.2	6.9	8.5
00400	PH (STANDARD UNITS)	06/13/84-08/14/90	18	6.85	6.861	7.7	6.3	0.119	0.345	6.39	6.6	7.025	7.43
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-08/14/90	18	6.847	6.75	7.7	6.3	0.132	0.363	6.39	6.6	7.025	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-08/14/90	18	0.142	0.178	0.501	0.02	0.016	0.126	0.038	0.095	0.251	0.408

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0295

NPS Station ID: GWMP0295 LAT/LON: 38.874170/ -77.040282 Agency: 21VASWCB Date Created: / /
Location: 14TH STREET BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APOT113.49 /VA1A06UX0104/VA1A3X0104
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.380 Distance from RF1: 1.10 On/Off RF1: OFF
RF3 Index: 02070010002500.00 RF3 Mile Point: 2.13 Distance from RF3: 0.14 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: POTOMAC RIVER SECTION: 06U TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: GWMP0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	50	25.6	23.458	31.1	2.6	42.506	6.52	15.65	20.175	27.8	29.94
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	48	8.85	8.804	13.4	5.5	2.973	1.724	6.77	7.65	9.8	10.61
00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/78-06/20/79	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	50	8.8	8.618	9.7	7.2	0.349	0.591	7.7	8.3	9.	9.3
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	50	8.8	8.184	9.7	7.2	0.542	0.736	7.7	8.3	9.	9.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	50	0.002	0.007	0.063	0.	0.	0.011	0.001	0.001	0.005	0.02
00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/28/77-06/28/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/77-06/28/77	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	45 ##	0.05	0.083	0.3	0.005	0.004	0.06	0.05	0.05	0.1	0.15
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	45	0.01	0.014	0.1	0.005	0.	0.015	0.005	0.005	0.02	0.024
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/72-07/13/77	36	0.62	0.692	1.679	0.01	0.213	0.462	0.114	0.285	1.049	1.492
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	45	0.4	0.492	2.199	0.05	0.116	0.341	0.2	0.3	0.6	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	9	0.7	0.781	1.5	0.025	0.235	0.484	0.025	0.45	1.25	1.5
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/78-06/20/79	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/72-06/12/73	3	8.	10.333	16.	7.	24.333	4.933	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	4 ##	1.25	1.375	2.5	0.5	0.729	0.854	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	6 ##	5.	4.25	5.	0.5	3.375	1.837	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	7 ##	5.	7.857	20.	5.	32.143	5.669	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	7 ##	5.	10.	30.	5.	83.333	9.129	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	6 ##	5.	5.917	10.	1.5	11.642	3.412	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	7	10.	12.143	30.	5.	90.476	9.512	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-06/29/76	2	235.	235.	430.	40.	76050.	275.772	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/28/75-06/29/76	2	2.118	2.118	2.633	1.602	0.532	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.149								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	50	100.	707.64	6000.	5.	2165309.704	1471.499	50.	50.	400.	2990.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	50	2.	2.206	3.778	0.699	0.509	0.714	1.699	1.699	2.602	3.476

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			160.839								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	21	0.	0.06	0.3	0.	0.008	0.092	0.	0.	0.1	0.2
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	45 ##	0.05	0.074	0.8	0.05	0.013	0.112	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	45 ##	0.02	0.029	0.1	0.005	0.	0.022	0.005	0.01	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	7 ##	0.25	0.357	1.	0.25	0.08	0.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	32	0	0.00	1	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	50	17	0.34	32	9	0.28	1	0	0.00	17	8	0.47			
		Other-Lo Lim.	6.5	50	0	0.00	32	0	0.00	1	0	0.00	17	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	45	0	0.00	29	0	0.00	1	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	23	0	0.00	1	0	0.00	12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	6	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	4	0	0.00				3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	1	0.14	4	1	0.25				3	0	0.00			
		Drinking Water	1300.	7	0	0.00	4	0	0.00				3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	15.	6	0	0.00	4	0	0.00				2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	4	0	0.00				3	0	0.00			
		Drinking Water	5000.	7	0	0.00	4	0	0.00				3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	50	21	0.42	32	12	0.38	1	1	1.00	17	8	0.47			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	21	8	0.38	12	5	0.42				9	3	0.33			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	4	0	0.00				3	0	0.00			
		Drinking Water	2.	7	0	0.00	4	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	32	26.05	24.247	31.1	2.6	46.969	6.853	16.01	23.575	28.175	30.7
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	32	8.2	8.553	13.4	5.5	3.335	1.826	5.96	7.525	9.8	10.4
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	32	8.75	8.634	9.5	7.5	0.258	0.508	7.7	8.5	9.	9.24
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	32	8.747	8.296	9.5	7.5	0.377	0.614	7.7	8.5	9.	9.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	32	0.002	0.005	0.032	0.	0.	0.008	0.001	0.001	0.003	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	29	0.07	0.086	0.3	0.005	0.003	0.059	0.05	0.05	0.1	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	29	0.01	0.016	0.1	0.005	0.	0.018	0.005	0.005	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	29	0.5	0.569	2.199	0.2	0.147	0.383	0.3	0.4	0.6	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	32	75.	699.438	6000.	5.	2083486.577	1443.429	25.5	50.	375.	2970.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	32	1.849	2.15	3.778	0.699	0.587	0.766	1.333	1.699	2.571	3.473
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.331								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	12	0.	0.075	0.3	0.	0.011	0.106	0.	0.	0.175	0.27
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	29 ##	0.05	0.083	0.8	0.05	0.019	0.139	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	29 ##	0.02	0.026	0.05	0.005	0.	0.019	0.005	0.01	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	1	5600.	5600.	5600.	5600.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	1	3.748	3.748	3.748	3.748	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5600.								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	17	23.3	22.894	30.	14.4	22.266	4.719	16.48	18.9	27.4	29.52
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	15	9.	9.087	11.6	6.5	1.337	1.156	7.28	8.8	9.4	10.94
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	17	8.8	8.671	9.7	7.5	0.44	0.663	7.66	8.	9.15	9.54
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	17	8.8	8.22	9.7	7.5	0.655	0.81	7.66	8.	9.15	9.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	17	0.002	0.006	0.032	0.	0.	0.009	0.	0.001	0.01	0.022
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	15 ##	0.05	0.079	0.3	0.05	0.004	0.066	0.05	0.05	0.09	0.198
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	15	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.024
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	15	0.3	0.363	0.9	0.05	0.036	0.189	0.14	0.3	0.4	0.72
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	17	150.	435.294	4300.	50.	1019613.971	1009.759	50.	50.	350.	1340.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	17	2.176	2.221	3.633	1.699	0.267	0.517	1.699	1.699	2.54	2.949
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			166.495								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	9	0.	0.039	0.2	0.	0.005	0.07	0.	0.	0.075	0.2
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	15 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	15 ##	0.03	0.033	0.1	0.005	0.001	0.026	0.005	0.01	0.05	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0296

NPS Station ID: GWMP0296
LAT/LON: 38.874170/ -77.041671
Agency: 1113UPBA
Date Created: / /
Location: PO.R. 14TH ST.BR. WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 006 /006 /4A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.82
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	4840.	6565.	16090.	490.	57084566.667	7555.433	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	3.331	3.39	4.207	2.69	0.654	0.809	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2452.682								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	1350.	1325.	2400.	200.	1300566.667	1140.424	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	3.017	2.929	3.38	2.301	0.276	0.525	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			849.097								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	120.	245.	700.	40.	93700.	306.105	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	2.073	2.148	2.845	1.602	0.269	0.518	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			140.709								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0296

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	2	0.50				4	2	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0297

NPS Station ID: GWMP0297
LAT/LON: 38.874170/ -77.042504
Agency: 21DCBAWQ
Date Created: 09/13/86
Location: HIGHWAY BRIDGE MILE 94.50 D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): PMS21
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0094.50
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.510
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.07
Distance from RF3: 0.07
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: HIGHWAY BRIDGE MILE 94.50 D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	477	23.4	20.366	30.8	1.2	51.44	7.172	9.98	14.5	26.	28.2
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	38	15.	48.605	100.	0.	2292.57	47.881	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	102	0.8	0.848	2.3	0.	0.214	0.462	0.2	0.5	1.1	1.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	429	296.	309.21	533.	119.	7561.143	86.955	200.	248.	374.	435.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	474	7.55	7.485	13.8	0.1	7.271	2.697	4.2	6.6	9.	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	63	1.2	1.338	3.3	0.5	0.616	0.785	0.5	0.5	1.7	2.76
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	441	7.7	7.82	9.1	6.9	0.172	0.415	7.4	7.6	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	441	7.7	7.665	9.1	6.9	0.197	0.443	7.4	7.6	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	441	0.02	0.022	0.126	0.001	0.	0.018	0.005	0.01	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	106	75.	74.019	112.	28.	291.619	17.077	50.	62.	86.	94.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	74	9.	26.797	736.	2.	7444.657	86.282	2.	5.75	23.5	41.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	106	0.042	0.056	0.294	0.	0.003	0.051	0.02	0.02	0.069	0.125
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	107	0.013	0.015	0.069	0.005	0.	0.012	0.005	0.005	0.019	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	107	1.2	1.148	2.16	0.07	0.212	0.461	0.488	0.85	1.46	1.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	70	0.5	0.505	1.44	0.051	0.058	0.24	0.222	0.349	0.649	0.752
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	66	0.071	0.097	1.24	0.02	0.023	0.15	0.034	0.05	0.098	0.161
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	65	0.042	0.044	0.121	0.004	0.001	0.026	0.011	0.021	0.062	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	100	0.023	0.025	0.081	0.004	0.	0.02	0.004	0.005	0.036	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	52	3.4	3.765	17.3	0.5	5.789	2.406	1.8	2.3	4.675	5.95
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	67	3.4	3.578	8.8	1.	1.963	1.401	1.88	2.5	4.7	5.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	105	120.	120.524	196.	60.	739.194	27.188	90.	100.	137.	156.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	49.	46.667	66.	25.	424.333	20.599	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	48	2.45	2.216	5.2	0.05	1.285	1.133	0.58	1.2	3.2	3.41
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	18 ##	5.	5.139	10.	2.5	1.818	1.348	4.75	5.	5.	5.5
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	18 ##	11.25	10.	30.	5.	38.235	6.183	5.	5.	12.5	14.25
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	18	297.	627.111	1925.	79.	370197.752	608.439	150.1	188.	819.75	1902.5
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	17	25.	52.882	240.	2.5	4364.079	66.061	2.5	10.	91.	160.8
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	34	1500.	8749.412	120000.	80.	630328490.553	25106.344	165.	767.5	4675.	12000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	34	3.172	3.235	5.079	1.903	0.519	0.72	2.217	2.884	3.67	4.078

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1715.941								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	230.	1076.25	17000.	10.	10754723.393	3279.439	10.	46.25	490.	1300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	2.362	2.227	4.23	1.	0.651	0.807	1.	1.665	2.69	3.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			168.465								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	760.	620.	920.	20.	125600.	354.401	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.881	2.565	2.964	1.301	0.504	0.71	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			367.599								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	1600.	12260.	37200.	700.	263368000.	16228.617	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.204	3.615	4.571	2.845	0.594	0.771	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4121.961								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	31	4.	9.113	41.	0.	105.962	10.294	0.5	2.	13.	24.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	31	4.	11.629	59.	0.	229.899	15.162	0.5	1.	18.	39.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	18 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	108	13.	24.343	180.	4.	1050.302	32.408	6.	9.	23.	60.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	474	46	0.10	257	20	0.08	67	18	0.27	150	8	0.05			
00400	PH	Other-Hi Lim.	9.	441	8	0.02	241	0	0.00	61	1	0.02	139	7	0.05			
		Other-Lo Lim.	6.5	441	0	0.00	241	0	0.00	61	0	0.00	139	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	107	0	0.00	44	0	0.00	30	0	0.00	33	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	107	0	0.00	44	0	0.00	30	0	0.00	33	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	8	1	0.13	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	17	4	0.24	7	2	0.29	5	0	0.00	5	2	0.40			
		Drinking Water	5000.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33 &	22	0.67	11	7	0.64	13	8	0.62	9	7	0.78			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	19	0.53	13	6	0.46	13	8	0.62	10	5	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	4	0.80	3	2	0.67				2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	108	14	0.13	42	5	0.12	33	4	0.12	33	5	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	9	18.8	16.189	18.9	6.5	27.776	5.27	6.5	13.05	18.9	18.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	3	0.9	0.833	1.2	0.4	0.163	0.404	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	3	249.	252.333	358.	150.	10824.333	104.04	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	9	8.1	8.967	12.3	8.	3.365	1.834	8.	8.	10.1	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	3	7.2	7.233	7.4	7.1	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	3	7.2	7.216	7.4	7.1	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	3	0.063	0.061	0.079	0.04	0.	0.02	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	3	90.	82.667	108.	50.	881.333	29.687	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3	0.042	0.057	0.106	0.023	0.002	0.043	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3	1.3	1.3	1.64	0.96	0.116	0.34	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	3	0.045	0.048	0.066	0.032	0.	0.017	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	5.3	5.267	8.8	1.7	12.603	3.55	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	3	10.	15.667	28.	9.	114.333	10.693	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	29	24.4	22.19	28.8	4.	61.095	7.816	8.8	14.35	28.55	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	5	0.5	0.64	1.4	0.2	0.233	0.483	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	12	216.5	220.583	342.	119.	3593.902	59.949	128.3	186.	256.75	326.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	29	7.7	8.014	13.4	5.	3.903	1.976	5.2	6.8	9.5	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	7	1.7	1.743	3.	0.5	0.743	0.862	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	15	7.8	7.52	8.3	7.	0.187	0.433	7.	7.1	7.8	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	15	7.8	7.342	8.3	7.	0.221	0.47	7.	7.1	7.8	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	15	0.016	0.045	0.1	0.005	0.001	0.038	0.008	0.016	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	7	70.	68.857	90.	48.	249.143	15.784	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	8	0.046	0.056	0.152	0.02	0.002	0.042	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	8	0.012	0.016	0.054	0.005	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	8	1.435	1.3	2.07	0.07	0.44	0.663	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	8	0.023	0.021	0.045	0.004	0.	0.016	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	5	3.	3.6	6.6	1.6	4.205	2.051	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	8	98.	105.25	140.	74.	613.643	24.772	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	8	19.5	41.875	120.	8.	1740.411	41.718	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	18	18.5	15.6	19.	5.4	17.468	4.18	11.07	11.7	18.725	18.91
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	4	0.85	0.8	1.1	0.4	0.087	0.294	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	18	300.	341.167	473.	239.	9479.441	97.362	258.8	261.	472.25	473.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	18	8.5	9.15	12.7	7.1	3.581	1.892	7.19	7.275	11.1	11.35
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3 ##	0.5	0.733	1.2	0.5	0.163	0.404	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	14	7.8	7.779	8.1	7.5	0.019	0.137	7.6	7.7	7.825	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	14	7.8	7.759	8.1	7.5	0.019	0.138	7.6	7.7	7.825	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	14	0.016	0.017	0.032	0.008	0.	0.005	0.01	0.015	0.02	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	4	77.	80.	106.	60.	514.667	22.686	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.061	0.109	0.294	0.02	0.016	0.125	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.015	0.014	0.017	0.01	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	1.205	1.27	1.8	0.87	0.2	0.447	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	4	0.054	0.048	0.062	0.022	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	2.6	2.833	4.9	1.	3.843	1.96	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	4	129.	138.	188.	106.	1469.333	38.332	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	4	13.5	25.75	66.	10.	724.25	26.912	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	74	23.5	22.005	29.5	1.5	46.559	6.823	13.4	18.8	27.825	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	18	0.9	0.983	2.3	0.1	0.217	0.466	0.55	0.7	1.15	1.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	74	377.	383.284	533.	212.	8160.672	90.336	273.	308.	461.25	522.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	73	6.6	6.337	13.6	0.2	7.133	2.671	0.94	6.	7.1	8.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12	1.5	1.583	3.	0.5	0.671	0.819	0.5	1.025	2.	3.
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	74	7.8	7.955	8.9	6.9	0.195	0.442	7.6	7.7	8.3	8.65
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	74	7.8	7.774	8.9	6.9	0.228	0.478	7.6	7.7	8.3	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	74	0.016	0.017	0.126	0.001	0.	0.017	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	80.	79.2	106.	58.	164.379	12.821	60.2	68.5	87.5	99.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	18 ##	0.02	0.039	0.125	0.	0.001	0.035	0.018	0.02	0.068	0.097
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.021	0.02	0.034	0.005	0.	0.008	0.005	0.014	0.025	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.6	0.784	2.16	0.07	0.362	0.602	0.15	0.27	1.09	1.69
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	18 ##	0.006	0.011	0.034	0.004	0.	0.011	0.004	0.004	0.018	0.034
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	2.75	2.925	3.9	1.8	0.597	0.772	1.92	2.25	3.8	3.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	130.	135.05	196.	88.	864.576	29.404	94.6	114.	162.	182.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	11.	17.45	144.	5.	903.839	30.064	5.1	7.5	13.75	19.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	98	22.95	19.604	29.1	2.5	56.28	7.502	8.3	12.8	26.1	27.78
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	19	0.9	0.926	1.9	0.1	0.192	0.438	0.2	0.7	1.3	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	98	258.5	284.133	435.	147.	6318.735	79.49	191.9	218.	327.	422.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	97	7.2	5.766	11.7	0.1	11.962	3.459	0.6	1.4	8.65	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.	1.267	3.	0.5	0.695	0.834	0.5	0.5	1.8	3.
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	92	7.7	7.814	9.1	7.1	0.265	0.515	7.2	7.5	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	92	7.7	7.604	9.1	7.1	0.31	0.556	7.2	7.5	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	92	0.02	0.025	0.079	0.001	0.	0.021	0.005	0.008	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	19	76.	74.316	98.	40.	255.673	15.99	46.	62.	90.	94.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20 ##	0.02	0.034	0.119	0.02	0.001	0.031	0.02	0.02	0.02	0.109
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.013	0.016	0.069	0.005	0.	0.016	0.005	0.005	0.02	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	1.305	1.278	1.9	0.43	0.175	0.418	0.657	1.07	1.708	1.768
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	20	0.022	0.025	0.081	0.004	0.001	0.024	0.004	0.004	0.031	0.072
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.3	3.408	6.7	1.7	2.168	1.472	1.76	2.2	4.4	6.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	19	120.	118.632	158.	74.	591.579	24.322	90.	96.	140.	156.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	19	12.	23.053	180.	4.	1637.275	40.463	5.	7.	15.	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	65	24.3	22.617	30.8	4.3	53.718	7.329	10.	20.85	27.95	30.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	17	0.9	0.865	2.1	0.1	0.232	0.482	0.18	0.55	1.1	1.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	65	377.	358.569	496.	158.	5445.093	73.791	251.	323.5	398.	437.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	64	6.6	6.925	11.9	3.6	3.423	1.85	4.25	5.925	7.65	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.4	1.45	2.8	0.5	0.631	0.795	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	59	7.8	7.747	8.5	7.2	0.073	0.269	7.3	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	59	7.8	7.659	8.5	7.2	0.081	0.284	7.3	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	59	0.016	0.022	0.063	0.003	0.	0.016	0.01	0.013	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	18	84.	77.444	104.	36.	427.203	20.669	39.6	64.	94.5	100.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.05	0.054	0.185	0.02	0.002	0.043	0.02	0.02	0.066	0.128
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.015	0.016	0.066	0.005	0.	0.014	0.005	0.005	0.02	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.97	1.004	1.83	0.49	0.132	0.363	0.5	0.74	1.28	1.54
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	15	0.021	0.019	0.033	0.004	0.	0.01	0.004	0.009	0.026	0.033
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	11	4.5	4.164	5.	2.9	0.577	0.759	2.96	3.5	4.8	4.98
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	18	121.	123.111	194.	60.	1205.281	34.717	65.4	102.5	153.	170.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	18	11.5	28.611	168.	5.	1771.546	42.09	5.9	8.75	24.75	103.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	83	23.8	19.825	27.5	2.2	47.748	6.91	11.1	13.1	26.	26.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	19	0.7	0.795	2.1	0.2	0.237	0.487	0.3	0.4	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	70	280.	273.329	339.	195.	1947.615	44.132	218.	221.5	323.5	332.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	83	8.5	8.898	13.7	3.2	2.425	1.557	7.5	7.9	10.1	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12	1.1	1.017	1.8	0.5	0.187	0.432	0.5	0.5	1.3	1.68
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	83	7.8	7.878	9.1	7.4	0.093	0.304	7.6	7.7	8.	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	83	7.8	7.801	9.1	7.4	0.099	0.314	7.6	7.7	8.	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	83	0.016	0.016	0.04	0.001	0.	0.008	0.004	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	73.	70.5	86.	44.	166.263	12.894	50.2	60.5	81.	86.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.044	0.056	0.265	0.02	0.003	0.058	0.02	0.02	0.072	0.115
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19 ##	0.005	0.01	0.024	0.005	0.	0.006	0.005	0.005	0.017	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	1.28	1.306	1.79	0.95	0.045	0.213	1.02	1.16	1.43	1.7
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	18	0.023	0.034	0.075	0.008	0.	0.02	0.014	0.017	0.051	0.06
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.35	3.2	4.7	1.5	0.958	0.979	1.62	2.325	4.05	4.58
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	120.	115.	138.	78.	317.684	17.824	88.4	97.5	130.5	137.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	13.	19.2	60.	4.	260.274	16.133	4.	7.	27.75	52.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	101	19.4	19.597	27.9	1.2	47.127	6.865	9.9	16.6	25.2	26.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	17	0.7	0.735	1.9	0.	0.25	0.5	0.	0.45	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	89	276.	274.809	409.	173.	4301.179	65.583	180.	239.5	312.	367.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	101	8.	8.577	13.8	6.4	3.99	1.998	6.6	7.1	9.3	11.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.6	1.522	3.3	0.5	0.979	0.99	0.5	0.5	2.3	3.3
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	101	7.6	7.79	8.9	7.3	0.183	0.428	7.4	7.5	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	101	7.6	7.645	8.9	7.3	0.205	0.452	7.4	7.5	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	101	0.025	0.023	0.05	0.001	0.	0.014	0.005	0.008	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	15	64.	66.4	112.	28.	374.971	19.364	34.	60.	76.	96.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	0.099	0.092	0.179	0.02	0.002	0.046	0.02	0.05	0.126	0.153
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	0.014	0.015	0.027	0.005	0.	0.008	0.005	0.01	0.026	0.026

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	1.26	1.277	1.76	0.68	0.09	0.3	0.752	1.13	1.55	1.67
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	14	0.033	0.033	0.07	0.004	0.	0.021	0.004	0.018	0.047	0.067
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	9	3.8	4.133	5.6	2.9	1.145	1.07	2.9	3.15	5.25	5.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	16	106.	111.875	156.	88.	351.183	18.74	90.8	100.	120.	149.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	16	22.5	28.625	126.	6.	751.183	27.408	11.6	15.25	31.	67.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	258	24.8	23.741	30.8	14.4	19.651	4.433	15.89	20.7	27.125	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	40	0.8	0.823	1.9	0.	0.145	0.381	0.21	0.7	0.975	1.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	228	367.	360.101	533.	190.	6126.206	78.27	247.	300.	409.	462.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	257	7.2	6.869	10.9	0.1	4.237	2.058	4.98	6.2	8.	8.54
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	20	1.45	1.395	2.7	0.5	0.422	0.649	0.5	0.625	1.95	2.18
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	241	7.7	7.741	8.6	7.	0.078	0.278	7.4	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	241	7.7	7.65	8.6	7.	0.086	0.293	7.4	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	241	0.02	0.022	0.1	0.003	0.	0.017	0.01	0.013	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	41	84.	84.146	112.	60.	196.078	14.003	61.2	73.	94.	105.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	28	12.	17.107	79.	2.	326.692	18.075	2.	6.	20.	45.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	43	0.066	0.07	0.294	0.	0.003	0.058	0.02	0.02	0.104	0.136
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	44	0.017	0.019	0.069	0.005	0.	0.016	0.005	0.005	0.025	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	44	0.955	0.917	2.	0.07	0.217	0.466	0.185	0.54	1.23	1.47
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	27	0.569	0.573	0.863	0.051	0.03	0.173	0.382	0.474	0.736	0.773
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	26	0.08	0.127	1.24	0.037	0.053	0.23	0.04	0.061	0.099	0.181
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	26	0.05	0.051	0.121	0.004	0.001	0.029	0.012	0.029	0.069	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	42	0.026	0.032	0.081	0.004	0.001	0.024	0.004	0.007	0.05	0.068
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	2.95	3.525	6.1	1.7	2.11	1.453	1.77	2.375	5.1	5.75
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	23	3.8	3.557	6.7	1.5	1.884	1.373	1.64	2.2	4.7	5.06
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	41	138.	136.585	196.	92.	670.249	25.889	100.4	119.	156.	167.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	16	1.85	2.206	5.2	0.9	1.477	1.215	0.97	1.125	3.1	4.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	12	1950.	11811.667	120000.	160.	1163130378.788	34104.697	259.	722.5	4150.	85470.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	12	3.286	3.291	5.079	2.204	0.499	0.706	2.35	2.858	3.609	4.662
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1954.462								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	170.	1580.	17000.	10.	21609716.667	4648.625	14.	20.	640.	10720.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	2.23	2.2	4.23	1.	0.836	0.915	1.12	1.301	2.794	3.784
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			158.526								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	42	13.5	21.738	126.	4.	705.759	26.566	5.3	10.	17.25	58.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	68	8.4	8.557	16.6	1.2	15.943	3.993	3.3	5.8	10.85	16.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	31	0.9	0.997	2.3	0.	0.371	0.609	0.2	0.5	1.4	2.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	56	257.	261.393	496.	119.	3907.879	62.513	195.	233.75	296.	324.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	67	9.8	8.618	13.8	0.6	20.841	4.565	1.2	3.5	12.1	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	27	1.	1.056	3.3	0.5	0.499	0.706	0.5	0.5	1.3	1.92
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	61	7.8	7.934	9.1	7.1	0.267	0.516	7.3	7.6	8.3	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	61	7.8	7.704	9.1	7.1	0.32	0.566	7.3	7.6	8.3	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	61	0.016	0.02	0.079	0.001	0.	0.018	0.001	0.005	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	33	68.	68.424	96.	28.	232.439	15.246	50.	60.	77.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	24	7.	11.792	71.	2.	245.042	15.654	2.	2.	17.25	32.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	30 ##	0.02	0.037	0.179	0.02	0.001	0.033	0.02	0.02	0.047	0.065
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	30	0.01	0.011	0.026	0.005	0.	0.007	0.005	0.005	0.017	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	30	1.58	1.535	2.16	0.69	0.107	0.327	1.038	1.283	1.763	1.893
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	22	0.301	0.32	0.662	0.1	0.023	0.153	0.1	0.22	0.411	0.605
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	21	0.058	0.066	0.178	0.02	0.002	0.041	0.023	0.04	0.081	0.147
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	20	0.036	0.039	0.084	0.01	0.	0.022	0.011	0.023	0.051	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	26	0.021	0.023	0.066	0.004	0.	0.016	0.004	0.015	0.029	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	24	3.45	3.408	7.2	0.5	2.447	1.564	1.65	2.125	4.275	5.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	28	3.35	3.532	8.8	1.	2.35	1.533	2.08	2.275	4.5	5.33
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	31	110.	115.419	194.	84.	556.052	23.581	88.8	100.	128.	140.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	19	2.4	2.142	3.7	0.3	1.367	1.169	0.4	1.1	3.2	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	13	1300.	3079.231	11000.	170.	12343374.359	3513.314	170.	550.	5950.	9760.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	13	3.114	3.162	4.041	2.23	0.372	0.61	2.23	2.694	3.768	3.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1453.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	230.	333.462	1100.	10.	141747.436	376.494	10.	47.5	475.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	2.362	2.161	3.041	1.	0.476	0.69	1.	1.676	2.676	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			144.815								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	33	10.	21.697	144.	4.	833.405	28.869	4.4	6.5	25.	61.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	151	20.7	19.916	28.8	7.	39.428	6.279	11.1	13.5	26.	27.26
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	31	0.8	0.732	1.4	0.1	0.123	0.351	0.22	0.5	1.	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	145	253.	247.655	342.	147.	2518.38	50.183	178.4	217.	292.	317.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	150	8.25	8.033	11.3	0.5	5.038	2.245	6.3	6.9	9.5	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	16	1.5	1.744	3.	0.5	0.825	0.908	0.5	1.	2.85	3.
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	139	7.8	7.909	9.1	6.9	0.274	0.524	7.3	7.5	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	139	7.8	7.675	9.1	6.9	0.329	0.574	7.3	7.5	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	139	0.016	0.021	0.126	0.001	0.	0.019	0.002	0.005	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	32	66.	66.813	90.	36.	272.222	16.499	41.2	53.5	81.5	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	22	13.5	55.5	736.	2.	23945.024	154.742	3.2	8.	30.	111.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	0.047	0.054	0.265	0.02	0.002	0.05	0.02	0.02	0.069	0.117
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	0.014	0.014	0.028	0.005	0.	0.007	0.005	0.008	0.018	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	1.12	1.105	1.57	0.27	0.098	0.313	0.63	0.91	1.35	1.484
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	21	0.548	0.611	1.44	0.244	0.079	0.281	0.296	0.449	0.693	1.103
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	19	0.076	0.089	0.257	0.021	0.004	0.059	0.034	0.043	0.11	0.206
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	19	0.036	0.038	0.091	0.005	0.001	0.025	0.005	0.015	0.057	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	32	0.021	0.019	0.054	0.004	0.	0.014	0.004	0.004	0.031	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.5	4.8	17.3	1.5	17.315	4.161	1.68	3.05	4.925	14.12
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	3.4	3.688	6.6	1.7	1.625	1.275	2.19	2.925	4.7	5.76
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	33	106.	105.364	140.	60.	450.489	21.225	74.	90.	124.	132.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	13	2.8	2.335	3.3	0.05	1.111	1.054	0.47	1.4	3.2	3.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	9	1300.	12856.667	92000.	80.	896996050.	29949.892	80.	615.	8800.	92000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	9	3.114	3.263	4.964	1.903	0.881	0.938	1.903	2.578	3.888	4.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1833.357								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	240.	1387.	11000.	10.	11551178.889	3398.703	11.	57.5	692.5	10030.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	2.361	2.346	4.041	1.	0.757	0.87	1.03	1.709	2.796	3.949
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			221.944								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	33	13.	30.303	180.	5.	1721.53	41.491	7.4	10.	30.	81.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0298

NPS Station ID: GWMP0298 LAT/LON: 38.874726/ -77.133337 Agency: 21VASWCB Date Created: 02/27/93
Location: WILSON BLVD (ARLINGTON COUNTY) FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU006.24
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0030 TOPO MAP NAME: ANNANDALE, VA

Parameter Inventory for Station: GWMP0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/76-06/24/80	2	28.75	28.75	36.	21.5	105.125	10.253	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/05/74-06/24/80	3	9.	10.6	14.	8.8	8.68	2.946	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/05/74-06/24/80	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/05/74-06/24/80	3	2.	17.333	48.	2.	705.333	26.558	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/74-06/24/80	3	7.5	7.833	8.8	7.2	0.723	0.85	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/74-06/24/80	3	7.5	7.493	8.8	7.2	0.897	0.947	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/74-06/24/80	3	0.032	0.032	0.063	0.002	0.001	0.031	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/05/74-06/24/80	3	7.1	7.133	7.6	6.7	0.203	0.451	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/74-06/24/80	3	7.1	6.994	7.6	6.7	0.232	0.482	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/74-06/24/80	3	0.079	0.101	0.2	0.025	0.008	0.089	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/74-06/24/80	3	51.	52.667	59.	48.	32.333	5.686	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/05/76-01/05/76	1	147.	147.	147.	147.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/05/76-01/05/76	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/05/76-01/05/76	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/05/74-06/24/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/05/74-06/24/80	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/74-06/24/80	3	1.8	2.	2.4	1.8	0.12	0.346	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-06/24/80	3	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/74-06/24/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/74-06/24/80	3	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/05/76-06/24/80	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-06/24/80	2	110.5	110.5	150.	71.	3120.5	55.861	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-01/05/76	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/24/80-06/24/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/24/80-06/24/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/80-06/24/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/80-06/24/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/80-06/24/80	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/80-06/24/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/80-06/24/80	1	70.	70.	70.	70.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	06/24/80-06/24/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/24/80-06/24/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-06/24/80	3	300.	616.667	1500.	50.	600833.333	775.134	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/74-06/24/80	3	2.477	2.451	3.176	1.699	0.546	0.739	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			282.311								
71900	MERCURY, TOTAL (UG/L AS HG)	06/24/80-06/24/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0299

NPS Station ID: GWMP0299 LAT/LON: 38.875005/ -76.988615 Agency: 21DCBAWQ Date Created: 09/13/86
Location: 11TH STREET BRIDGE, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA17
RMI-Indexes: 0214001 002640 Within Park Boundary: No
RMI-Miles: 0095.25 0002.80
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.730 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.85 RF3 Mile Point: 4.42 Distance from RF3: 0.08 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: 11TH STREET BRIDGE, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	69	17.	16.942	30.1	3.	76.612	8.753	4.8	8.6	25.45	28.1
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	80.	61.875	100.	0.	1762.917	41.987	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-05/08/84	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	67	287.	318.552	892.	65.	26968.251	164.22	194.6	227.	330.	508.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	66	4.6	4.995	9.5	1.1	5.299	2.302	1.91	3.175	6.85	8.49
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	62	6.9	6.894	7.9	6.1	0.116	0.341	6.5	6.7	7.	7.34
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	62	6.9	6.777	7.9	6.1	0.13	0.36	6.5	6.7	7.	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	62	0.126	0.167	0.794	0.013	0.017	0.132	0.047	0.1	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0299

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	26	0.39	25	13	0.52	21	5	0.24	20	8	0.40			
00400	PH	Other-Hi Lim.	9.	62	0	0.00	24	0	0.00	19	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	62	9	0.15	24	3	0.13	19	3	0.16	19	3	0.16			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.8	12.067	19.	8.4	36.093	6.008	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	145.	171.	303.	65.	14668.	121.112	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	7.5	7.733	9.	6.7	1.363	1.168	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	17.	17.489	29.2	3.	92.134	9.599	3.	8.25	27.	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	210.	243.571	418.	148.	8081.619	89.898	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	4.9	5.25	9.5	2.6	4.811	2.193	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	6.9	6.94	7.5	6.6	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	6.9	6.849	7.5	6.6	0.133	0.365	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.126	0.142	0.251	0.032	0.007	0.086	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.25	20.013	28.1	5.9	64.424	8.026	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	257.	254.375	310.	189.	1839.411	42.888	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	5.5	5.525	8.2	3.5	2.499	1.581	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.25	7.3	7.9	6.8	0.189	0.434	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.225	7.133	7.9	6.8	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	8	0.06	0.074	0.158	0.013	0.004	0.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.3	18.03	28.6	4.8	69.796	8.354	5.08	9.1	25.425	28.41
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	312.	367.6	870.	231.	34085.822	184.623	232.1	281.	365.25	825.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	3.9	4.311	9.4	1.3	6.341	2.518	1.3	2.25	6.	9.4
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.97	7.7	6.5	0.096	0.309	6.53	6.875	7.05	7.65
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.89	7.7	6.5	0.103	0.32	6.53	6.875	7.05	7.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.126	0.129	0.316	0.02	0.006	0.077	0.024	0.091	0.134	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	12	12.7	14.967	29.3	3.2	92.677	9.627	3.2	7.275	25.55	28.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	12	308.	346.583	641.	174.	20551.72	143.359	191.7	273.75	382.5	634.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	12	3.8	4.45	9.2	1.6	5.183	2.277	1.78	2.6	6.225	8.54
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	12	6.5	6.558	7.	6.1	0.075	0.275	6.16	6.325	6.85	6.97
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	12	6.5	6.483	7.	6.1	0.082	0.286	6.16	6.325	6.85	6.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	12	0.316	0.329	0.794	0.1	0.04	0.2	0.108	0.144	0.475	0.706

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.45	17.94	30.1	5.7	78.054	8.835	5.72	9.65	25.15	29.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	312.	350.9	730.	243.	20130.544	141.882	244.6	260.5	374.	695.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	4.45	4.69	8.4	1.7	4.039	2.01	1.84	3.625	5.4	8.34
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.	6.93	7.2	6.6	0.029	0.17	6.61	6.85	7.	7.18
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	7.	6.898	7.2	6.6	0.03	0.174	6.61	6.85	7.	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.1	0.127	0.251	0.063	0.003	0.056	0.067	0.1	0.144	0.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	13.4	13.56	28.1	3.	93.92	9.691	3.05	3.65	24.075	27.81
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	295.	414.5	892.	196.	69078.056	262.827	199.1	230.75	582.	891.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	9	5.7	5.922	9.1	2.	6.767	2.601	2.	3.45	8.5	9.1
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.92	7.2	6.6	0.033	0.181	6.62	6.8	7.1	7.19
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.886	7.2	6.6	0.034	0.185	6.62	6.8	7.1	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.126	0.13	0.251	0.063	0.003	0.055	0.065	0.079	0.158	0.242

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	24.	20.057	26.3	6.9	58.95	7.678	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	209.	228.714	322.	148.	3893.238	62.396	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	3.1	3.986	7.7	1.1	7.241	2.691	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.771	7.	6.5	0.026	0.16	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.745	7.	6.5	0.027	0.163	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.158	0.18	0.316	0.1	0.005	0.07	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	26	26.05	24.638	30.1	16.9	15.736	3.967	17.56	21.75	27.875	28.81
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	303.	287.88	423.	189.	4233.36	65.064	199.6	223.5	326.	382.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	25	3.9	3.824	6.7	1.3	2.318	1.522	1.54	2.7	4.9	5.94
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	24	6.9	6.938	7.9	6.1	0.173	0.416	6.5	6.7	7.	7.7
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	24	6.9	6.778	7.9	6.1	0.199	0.447	6.5	6.7	7.	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	24	0.126	0.167	0.794	0.013	0.025	0.157	0.02	0.1	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	5.9	6.752	13.6	3.	9.425	3.07	3.08	3.7	8.8	12.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	23	308.	411.609	892.	65.	59467.794	243.86	146.2	257.	620.	880.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	7.4	6.614	9.5	1.6	6.433	2.536	2.4	4.05	8.85	9.36
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.9	6.832	7.2	6.3	0.058	0.24	6.4	6.7	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.9	6.761	7.2	6.3	0.063	0.251	6.4	6.7	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.126	0.173	0.501	0.063	0.014	0.116	0.079	0.1	0.2	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	20	17.45	18.655	29.2	9.6	32.733	5.721	10.84	14.2	23.925	25.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	19	243.	246.263	343.	148.	2668.649	51.659	174.	205.	287.	315.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	20	4.6	4.76	8.2	1.1	3.667	1.915	2.06	3.175	6.225	7.63
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.9	6.9	7.7	6.3	0.108	0.328	6.5	6.6	7.	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.9	6.793	7.7	6.3	0.12	0.346	6.5	6.6	7.	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.126	0.161	0.501	0.02	0.014	0.118	0.04	0.1	0.251	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0300

NPS Station ID: GWMP0300 | LAT/LON: 38.875005/ -76.988615 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: SO. CAPITOL STREET BRIDGE D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): ANA21
RMI-Indexes: 0214001 002640 | Within Park Boundary: No
RMI-Miles: 0094.25 0002.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010029 | RF1 Mile Point: 1.730 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002900.85 | RF3 Mile Point: 3.44 | Distance from RF3: 0.07 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: SOUTH CAPITOL STREET BRIDGE D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	561	23.6	21.296	31.6	0.4	43.567	6.601	11.	16.75	26.4	27.8
00032	CLOUD COVER (PERCENT)	10/11/83-08/19/85	79	95.	60.	100.	0.	2120.513	46.049	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	106	0.5	0.504	1.	0.1	0.036	0.19	0.27	0.3	0.6	0.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	523	287.	296.27	593.	72.	5438.147	73.744	210.	246.	333.	390.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	552	4.5	4.717	11.	0.	3.986	1.996	2.33	3.3	6.075	7.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	76	2.45	2.797	9.	1.	1.947	1.396	1.4	1.725	3.475	4.33
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	511	7.	6.979	8.5	6.2	0.11	0.331	6.6	6.7	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	511	7.	6.868	8.5	6.2	0.122	0.349	6.6	6.7	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	511	0.1	0.136	0.631	0.003	0.01	0.097	0.04	0.063	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	120	60.	62.5	124.	18.	330.05	18.167	40.	50.	78.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	92	15.	20.196	94.	2.	304.796	17.458	7.	10.	22.75	40.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	122	0.325	0.329	0.863	0.02	0.03	0.173	0.112	0.193	0.436	0.54
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	124	0.047	0.074	0.46	0.018	0.005	0.073	0.023	0.031	0.082	0.159
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	124	0.81	0.852	2.32	0.11	0.136	0.369	0.445	0.61	1.018	1.305
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	91	0.963	0.938	1.63	0.	0.122	0.349	0.517	0.78	1.17	1.364
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	88	0.083	0.094	0.74	0.	0.006	0.079	0.054	0.066	0.111	0.128
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	87	0.037	0.04	0.15	0.	0.001	0.026	0.007	0.024	0.053	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	121	0.013	0.016	0.127	0.	0.	0.017	0.004	0.004	0.023	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	59	5.4	5.553	14.	0.5	4.477	2.116	3.1	4.2	6.8	8.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	76	4.8	4.721	12.6	1.4	2.982	1.727	2.67	3.825	5.6	6.33
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	118	88.	86.322	170.	4.	1452.186	38.108	23.6	66.	110.	136.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	4	48.	44.75	56.	27.	196.917	14.033	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	45	2.4	2.093	3.9	0.2	1.202	1.096	0.42	1.	3.	3.34
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	19 ##	2.5	2.421	2.5	1.	0.118	0.344	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	19 ##	5.	5.553	18.	2.5	9.414	3.068	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	19 ##	11.	8.842	12.5	5.	14.14	3.76	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	19	825.	983.789	2338.	194.	442310.425	665.064	253.	411.	1512.	2110.
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	19 ##	25.	23.816	25.	2.5	26.645	5.162	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	19	24.	44.842	165.	0.	1937.807	44.021	5.	20.	70.	130.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	4	28150.	31950.	70000.	1500.	1246776666.667	35309.725	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/11/83-12/15/83	4	4.047	4.029	4.845	3.176	0.778	0.882	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10686.309								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	33	1300.	3349.848	35000.	20.	52010510.133	7211.831	82.	395.	2300.	9200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	33	3.114	2.968	4.544	1.301	0.555	0.745	1.865	2.591	3.362	3.95
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			929.982								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	27600.	31820.	69800.	3600.	779152000.	27913.294	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	4.441	4.293	4.844	3.556	0.291	0.539	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			19642.353								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/27/86	42	7.	9.583	42.	0.5	80.145	8.952	0.5	3.75	13.	22.2
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/27/86	43	14.	16.14	58.	0.5	256.325	16.01	0.5	1.	25.	39.2
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	20 ##	0.1	0.128	0.3	0.1	0.004	0.064	0.1	0.1	0.1	0.29
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	120	22.	33.733	234.	4.	1149.29	33.901	12.	15.	38.75	71.4

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EPA Water Quality Criteria Analysis for Station: GWMP0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	552	234	0.42	317	175	0.55	59	9	0.15	176	50	0.28			
00400	PH	Other-Hi Lim.	9.	511	0	0.00	280	0	0.00	60	0	0.00	171	0	0.00			
		Other-Lo Lim.	6.5	511	35	0.07	280	5	0.02	60	9	0.15	171	21	0.12			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	124	0	0.00	52	0	0.00	34	0	0.00	38	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	124	0	0.00	52	0	0.00	34	0	0.00	38	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	19	2	0.11	9	1	0.11	5	1	0.20	5	0	0.00			
		Drinking Water	5000.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	2	2	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	28	0.85	14	12	0.86	12	11	0.92	7	5	0.71			
71900	MERCURY, TOTAL	Fresh Acute	2.4	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	20	0	0.00	9	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	120	22	0.18	51	6	0.12	35	8	0.23	34	8	0.24			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	9	19.1	16.733	19.1	8.2	21.813	4.67	8.2	13.9	19.1	19.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	3	0.3	0.333	0.6	0.1	0.063	0.252	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	3	163.	190.667	337.	72.	18130.333	134.649	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	9	8.1	8.111	8.4	7.6	0.051	0.226	7.6	8.05	8.25	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	4	2.9	2.775	3.	2.3	0.109	0.33	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	3	6.6	6.667	6.8	6.6	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	3	6.6	6.657	6.8	6.6	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	3	0.251	0.22	0.251	0.158	0.003	0.054	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	3	44.	51.333	84.	26.	881.333	29.687	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	4	19.	36.25	94.	13.	1506.917	38.819	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	4	0.183	0.179	0.197	0.154	0.	0.018	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	4	0.049	0.048	0.077	0.018	0.001	0.033	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	4	0.98	0.93	1.28	0.48	0.162	0.403	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	4	0.515	0.585	0.838	0.472	0.03	0.173	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	4	0.11	0.128	0.204	0.089	0.003	0.052	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	4	0.042	0.044	0.063	0.028	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	4	0.02	0.021	0.029	0.014	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	4	7.1	7.8	10.5	6.5	3.32	1.822	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	4	5.	5.25	6.2	4.8	0.417	0.645	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	3	28.	87.667	216.	19.	12372.333	111.231	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	37	26.2	21.37	29.	1.	70.381	8.389	6.66	15.4	27.8	28.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	10	0.4	0.41	0.7	0.2	0.021	0.145	0.21	0.3	0.5	0.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	17	312.	277.824	330.	150.	3182.154	56.411	177.2	239.	323.5	329.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	36	3.9	4.6	9.4	1.6	4.656	2.158	2.25	3.1	5.95	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	2.2	2.756	5.	1.3	1.623	1.274	1.3	1.75	3.85	5.
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	22	7.05	7.023	7.6	6.6	0.043	0.207	6.73	6.9	7.1	7.27
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	22	7.047	6.978	7.6	6.6	0.045	0.212	6.73	6.9	7.1	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	22	0.09	0.105	0.251	0.025	0.002	0.05	0.054	0.079	0.126	0.187
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	11	52.	57.818	84.	38.	330.764	18.187	38.4	40.	76.	83.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	8	17.	21.875	79.	4.	579.839	24.08	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	9	0.299	0.279	0.512	0.08	0.023	0.151	0.08	0.139	0.409	0.512
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	10	0.047	0.076	0.204	0.018	0.004	0.067	0.019	0.027	0.145	0.2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	10	0.9	1.039	2.07	0.52	0.213	0.462	0.538	0.805	1.158	2.026
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	10	0.896	0.874	1.44	0.335	0.122	0.35	0.356	0.548	1.123	1.424
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	10	0.101	0.098	0.13	0.06	0.001	0.024	0.061	0.077	0.119	0.129
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	10	0.042	0.038	0.058	0.016	0.	0.014	0.016	0.027	0.049	0.057
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	10	0.024	0.022	0.039	0.004	0.	0.01	0.004	0.015	0.029	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	6	5.3	5.2	8.8	0.5	10.596	3.255	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	7	2.9	3.686	6.8	1.4	3.328	1.824	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	11	80.	87.636	160.	24.	1307.855	36.164	31.6	70.	104.	154.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	12	27.	33.167	72.	17.	305.061	17.466	17.	19.25	46.	66.6

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Annual Analysis for 1985 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	88	25.2	22.955	28.3	6.6	24.734	4.973	13.2	18.8	26.4	27.31
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	15	0.6	0.56	0.8	0.3	0.024	0.155	0.3	0.5	0.7	0.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	88	292.	284.318	355.	198.	2440.679	49.403	200.9	240.25	323.75	346.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	88	4.8	5.165	9.9	0.	3.446	1.856	3.17	4.	6.6	7.81
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	2.6	2.989	5.7	1.4	1.874	1.369	1.4	1.9	4.	5.7
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	63	7.1	7.089	8.2	6.4	0.139	0.373	6.6	6.8	7.3	7.62
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	63	7.1	6.947	8.2	6.4	0.159	0.399	6.6	6.8	7.3	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	63	0.079	0.113	0.398	0.006	0.009	0.093	0.025	0.05	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	14	60.	61.214	88.	18.	281.874	16.789	34.	53.	72.75	84.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	15	9.	10.2	19.	2.	21.171	4.601	3.8	7.	14.	17.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	15	0.204	0.249	0.66	0.02	0.026	0.162	0.057	0.162	0.316	0.571
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	15	0.071	0.075	0.191	0.022	0.002	0.049	0.024	0.041	0.108	0.169
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	15	0.6	0.647	1.14	0.25	0.061	0.247	0.352	0.45	0.84	1.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	15	1.	1.022	1.42	0.6	0.041	0.203	0.735	0.852	1.16	1.324
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	15	0.08	0.097	0.194	0.054	0.001	0.037	0.061	0.074	0.127	0.165
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	15	0.025	0.038	0.15	0.005	0.001	0.035	0.013	0.021	0.043	0.103
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	15 ##	0.004	0.017	0.127	0.004	0.001	0.032	0.004	0.004	0.011	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	5.1	5.2	8.3	2.8	2.91	1.706	2.8	3.7	6.35	8.3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	4.2	3.967	5.6	1.7	2.02	1.421	1.7	2.55	5.4	5.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	15	100.	100.133	134.	76.	345.981	18.601	77.2	82.	118.	128.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	14	17.5	20.786	66.	11.	190.489	13.802	11.	14.5	22.75	46.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	94	23.6	22.21	29.9	1.9	36.836	6.069	15.9	18.4	27.1	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	17	0.6	0.588	0.8	0.3	0.021	0.145	0.38	0.5	0.7	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	94	311.5	351.053	486.	259.	4862.997	69.735	288.5	302.	401.	461.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	93	4.	4.416	11.	1.9	3.912	1.978	2.34	3.	5.85	6.78
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	2.6	2.667	4.4	1.1	1.348	1.161	1.19	1.675	3.975	4.37
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	94	7.1	7.155	7.9	6.7	0.098	0.314	6.75	6.9	7.3	7.55
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	94	7.1	7.06	7.9	6.7	0.108	0.328	6.75	6.9	7.3	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	94	0.079	0.087	0.2	0.013	0.003	0.053	0.028	0.05	0.126	0.179
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	20	68.	69.7	91.	46.	174.537	13.211	50.6	60.	81.5	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	18	11.	13.111	35.	5.	47.399	6.885	6.8	9.75	15.	25.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.295	0.299	0.863	0.056	0.043	0.208	0.07	0.114	0.436	0.602
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.047	0.073	0.291	0.018	0.004	0.065	0.02	0.029	0.114	0.14
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.93	0.883	2.32	0.11	0.322	0.568	0.195	0.36	1.273	1.585
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	20	0.914	0.889	1.39	0.	0.137	0.371	0.059	0.788	1.143	1.359
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	20	0.068	0.103	0.74	0.	0.023	0.152	0.054	0.061	0.079	0.117
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	20	0.028	0.034	0.122	0.	0.001	0.029	0.005	0.016	0.043	0.085
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	19	0.008	0.01	0.033	0.004	0.	0.009	0.004	0.004	0.015	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	4.95	4.642	6.6	2.	2.246	1.499	2.09	3.3	5.875	6.45
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	4.55	4.075	6.3	1.4	2.68	1.637	1.61	2.55	5.55	6.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	20	19.	46.8	170.	4.	2926.379	54.096	6.	6.	90.5	143.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	20	15.	16.9	39.	10.	53.884	7.341	11.	12.	18.75	30.4

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Annual Analysis for 1987 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	99	17.3	18.704	29.5	3.	58.418	7.643	7.7	10.1	25.9	27.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	16	0.5	0.481	0.8	0.1	0.047	0.217	0.1	0.3	0.6	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	99	279.	283.141	593.	168.	4318.266	65.714	205.	251.	287.	338.

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Annual Analysis for 1987 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	98	5.25	5.081	9.6	0.5	4.578	2.14	1.39	3.7	6.625	7.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	2.35	2.975	7.6	1.3	3.282	1.812	1.3	1.65	4.175	6.67
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	100	6.8	6.804	7.7	6.2	0.102	0.319	6.4	6.6	7.075	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	100	6.8	6.695	7.7	6.2	0.114	0.338	6.4	6.6	7.075	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	100	0.158	0.202	0.631	0.02	0.02	0.142	0.063	0.085	0.251	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	20	65.	68.25	114.	38.	392.408	19.809	40.5	51.5	83.5	93.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	8	11.	20.5	92.	2.	860.571	29.335	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.418	0.4	0.752	0.02	0.036	0.189	0.163	0.259	0.535	0.658
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.051	0.078	0.46	0.019	0.01	0.098	0.02	0.033	0.076	0.169
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.905	0.884	1.32	0.44	0.077	0.277	0.521	0.613	1.158	1.279
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	6	0.856	0.938	1.34	0.597	0.079	0.281	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	6	0.084	0.093	0.178	0.04	0.002	0.046	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	5	0.053	0.052	0.065	0.038	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	20	0.008	0.013	0.036	0.	0.	0.012	0.004	0.004	0.027	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	5	4.8	4.72	7.1	3.2	2.387	1.545	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	4.65	4.975	12.6	2.8	7.086	2.662	2.86	3.05	5.3	10.77
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	20	100.	98.65	162.	38.	1150.239	33.915	43.2	73.5	122.	148.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	19	22.	38.	234.	10.	2535.222	50.351	12.	14.	38.	72.

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Annual Analysis for 1988 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	69	23.	22.033	31.6	0.4	51.344	7.165	13.	16.45	27.75	29.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	17	0.6	0.553	0.9	0.2	0.021	0.146	0.36	0.5	0.6	0.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	69	360.	351.797	505.	226.	4048.723	63.63	249.	320.5	389.	440.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	69	3.9	4.37	10.1	0.4	4.941	2.223	1.8	2.8	5.85	7.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	2.4	3.256	9.	1.8	5.205	2.282	1.8	1.95	3.7	9.
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	69	7.	7.104	8.5	6.6	0.122	0.349	6.7	6.9	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	69	7.	6.991	8.5	6.6	0.135	0.367	6.7	6.9	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	69	0.1	0.102	0.251	0.003	0.005	0.068	0.032	0.04	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	19	70.	70.105	124.	40.	495.655	22.263	44.	50.	90.	96.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	4	12.5	18.5	40.	9.	212.333	14.572	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	18	0.376	0.39	0.81	0.058	0.033	0.183	0.131	0.315	0.488	0.68
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	19	0.055	0.088	0.309	0.024	0.007	0.085	0.024	0.033	0.099	0.302
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	19	0.81	0.897	1.69	0.3	0.135	0.367	0.35	0.69	1.14	1.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	2	0.963	0.963	1.01	0.916	0.004	0.066	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	1	0.067	0.067	0.067	0.067	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	18	0.013	0.013	0.032	0.004	0.	0.009	0.004	0.004	0.018	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	5.8	5.833	6.1	5.6	0.063	0.252	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	11	5.2	5.5	8.5	4.2	1.446	1.202	4.28	4.6	6.2	8.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	19	110.	107.211	144.	62.	799.62	28.278	66.	74.	131.	143.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	19	21.	28.474	117.	4.	578.152	24.045	12.	15.	34.	48.

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Annual Analysis for 1989 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	72	24.1	22.158	28.4	3.1	33.123	5.755	16.2	18.925	26.	27.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	16	0.4	0.419	0.7	0.1	0.032	0.18	0.17	0.3	0.6	0.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	65	242.	265.892	576.	184.	4501.754	67.095	211.6	223.	289.	341.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	66	3.5	4.185	10.2	1.9	3.369	1.836	2.57	2.875	5.425	7.

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Annual Analysis for 1989 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	2.15	2.4	4.2	1.3	0.865	0.93	1.33	1.7	3.175	3.99
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	66	6.9	6.917	7.8	6.5	0.054	0.232	6.7	6.7	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	66	6.9	6.864	7.8	6.5	0.057	0.238	6.7	6.7	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	66	0.126	0.137	0.316	0.016	0.004	0.063	0.063	0.1	0.2	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	17	52.	54.588	78.	38.	124.382	11.153	42.8	46.	59.	76.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	19	18.	25.526	62.	8.	220.93	14.864	12.	16.	37.	47.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.366	0.317	0.571	0.02	0.019	0.137	0.116	0.196	0.395	0.488
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.038	0.068	0.372	0.019	0.007	0.086	0.02	0.027	0.055	0.206
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.77	0.858	1.59	0.56	0.09	0.3	0.602	0.663	0.988	1.546
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	18	0.952	0.892	1.63	0.	0.248	0.498	0.	0.688	1.27	1.495
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	16	0.074	0.067	0.128	0.	0.002	0.049	0.	0.005	0.11	0.126
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	16	0.05	0.041	0.086	0.	0.001	0.031	0.	0.001	0.066	0.083
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	19	0.022	0.025	0.084	0.004	0.	0.02	0.004	0.013	0.028	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	11	5.4	5.918	14.	3.7	8.03	2.834	3.72	4.1	6.1	12.46
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	4.1	4.767	8.5	2.7	2.413	1.553	2.97	3.825	5.75	7.78
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	17	84.	88.118	136.	60.	360.735	18.993	64.8	75.	99.	118.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	17	30.	35.824	90.	13.	466.904	21.608	13.8	18.	49.5	70.8

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Annual Analysis for 1990 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	93	23.2	20.761	27.5	1.5	35.355	5.946	11.18	16.2	25.55	26.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	12	0.5	0.508	1.	0.2	0.07	0.264	0.2	0.225	0.75	0.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	88	234.	250.534	471.	168.	3362.459	57.987	181.	210.	278.25	329.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	93	4.7	4.561	9.1	0.8	2.19	1.48	2.34	3.65	5.4	6.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	3.	2.667	4.	1.	1.35	1.162	1.	1.65	3.8	4.
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	94	6.8	6.869	7.4	6.5	0.063	0.25	6.6	6.6	7.025	7.25
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	94	6.8	6.805	7.4	6.5	0.067	0.258	6.6	6.6	7.025	7.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	94	0.158	0.157	0.316	0.04	0.006	0.078	0.057	0.095	0.251	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	16	52.	52.125	80.	36.	175.717	13.256	38.8	40.5	57.5	78.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	16	22.	26.625	63.	12.	183.183	13.535	13.4	16.	37.5	46.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.333	0.367	0.68	0.122	0.016	0.127	0.198	0.307	0.422	0.578
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.042	0.064	0.224	0.027	0.003	0.05	0.029	0.036	0.082	0.146
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.775	0.771	1.05	0.39	0.038	0.195	0.446	0.663	0.928	1.008
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	16	1.15	1.095	1.49	0.683	0.054	0.233	0.701	0.904	1.235	1.448
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	16	0.097	0.096	0.138	0.056	0.001	0.025	0.058	0.074	0.117	0.131
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	16	0.039	0.043	0.072	0.021	0.	0.016	0.025	0.031	0.053	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	16	0.012	0.015	0.034	0.	0.	0.011	0.002	0.007	0.028	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	7.2	6.278	8.	4.3	2.107	1.452	4.3	4.85	7.45	8.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	5.8	5.556	6.5	4.3	0.67	0.819	4.3	4.8	6.35	6.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	16	75.	79.75	120.	38.	544.467	23.334	50.6	64.5	98.5	118.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	16	57.	55.375	120.	19.	1097.983	33.136	20.4	24.25	85.5	103.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	324	25.35	24.106	31.6	14.6	17.073	4.132	18.4	21.	27.	28.25
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	46	0.6	0.561	1.	0.1	0.033	0.181	0.3	0.4	0.7	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	298	318.	318.181	486.	168.	4780.344	69.14	223.	279.	354.25	411.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	317	4.	4.248	10.1	0.	3.231	1.797	2.	3.15	5.35	7.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	28	3.65	3.879	9.	2.1	2.404	1.55	2.39	2.725	4.375	5.89
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	280	7.	6.999	8.5	6.4	0.092	0.304	6.61	6.8	7.1	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	280	7.	6.912	8.5	6.4	0.1	0.316	6.61	6.8	7.1	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	280	0.1	0.122	0.398	0.003	0.005	0.072	0.04	0.079	0.158	0.246
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	51	72.	69.902	114.	18.	323.41	17.984	40.8	60.	82.	90.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	35	14.	16.543	62.	2.	122.903	11.086	7.	9.	22.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	51	0.272	0.304	0.863	0.02	0.037	0.193	0.071	0.166	0.468	0.579
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	52	0.096	0.123	0.46	0.023	0.008	0.091	0.041	0.057	0.156	0.271
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	52	0.685	0.746	1.59	0.19	0.097	0.311	0.362	0.52	0.995	1.182
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	36	1.	0.925	1.63	0.	0.155	0.394	0.235	0.806	1.17	1.321
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	36	0.078	0.098	0.74	0.	0.013	0.114	0.058	0.067	0.102	0.128
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	36	0.028	0.033	0.088	0.	0.	0.021	0.012	0.02	0.047	0.068
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	52	0.008	0.011	0.039	0.004	0.	0.009	0.004	0.004	0.015	0.028
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	21	5.4	5.295	8.3	0.5	3.169	1.78	3.24	4.	6.55	7.52
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	29	4.8	4.869	12.6	1.4	4.446	2.109	2.6	3.45	5.7	6.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	50	105.	100.96	170.	6.	1628.488	40.355	38.1	75.	131.25	143.9
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	17	0.9	1.288	3.1	0.3	0.88	0.938	0.3	0.5	2.	2.94
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	9 ##	5.	6.444	18.	5.	18.778	4.333	5.	5.	5.	18.
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	9 ##	11.	8.944	12.5	5.	14.215	3.77	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	9	740.	796.333	1699.	253.	290551.	539.028	253.	318.5	1301.	1699.
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	9	24.	40.778	130.	0.	1720.944	41.484	0.	7.5	62.	130.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	14	490.	2552.5	24000.	20.	38933756.731	6239.692	77.5	330.	1550.	13650.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	14	2.69	2.828	4.38	1.301	0.495	0.703	1.716	2.519	3.176	3.949
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			672.501								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	9 ##	0.1	0.111	0.2	0.1	0.001	0.033	0.1	0.1	0.1	0.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	51	19.	25.608	96.	11.	347.883	18.652	12.	15.	29.	53.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	61	8.2	8.63	16.3	0.4	18.317	4.28	3.02	6.55	12.9	16.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	28	0.5	0.479	0.8	0.1	0.042	0.206	0.19	0.3	0.6	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	55	286.	313.945	593.	72.	10797.497	103.911	236.8	246.	343.	477.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	59	7.2	6.676	11.	0.5	7.566	2.751	1.6	5.3	8.8	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	29	1.8	2.031	4.2	1.	0.632	0.795	1.3	1.4	2.45	3.2
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	60	6.9	6.902	7.3	6.3	0.086	0.293	6.4	6.7	7.175	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	60	6.9	6.801	7.3	6.3	0.096	0.31	6.4	6.7	7.175	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	60	0.126	0.158	0.501	0.05	0.013	0.116	0.05	0.067	0.2	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	34	53.	55.382	124.	26.	248.486	15.763	41.	49.	60.	68.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	28	15.5	19.286	94.	4.	298.063	17.265	5.9	10.	19.75	38.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	34	0.332	0.359	0.81	0.056	0.027	0.164	0.158	0.258	0.443	0.578
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	34	0.029	0.032	0.099	0.018	0.	0.016	0.019	0.021	0.036	0.056
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	34	1.02	1.131	2.32	0.11	0.195	0.442	0.695	0.835	1.36	1.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	29	0.865	0.905	1.48	0.	0.138	0.372	0.478	0.758	1.165	1.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	26	0.079	0.085	0.204	0.	0.002	0.044	0.014	0.065	0.116	0.127
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	25	0.04	0.039	0.072	0.	0.	0.019	0.011	0.028	0.053	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	32	0.019	0.021	0.084	0.	0.	0.018	0.004	0.008	0.029	0.041
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	24	5.55	5.704	10.5	2.3	3.201	1.789	3.55	4.425	6.875	8.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	28	4.9	4.643	6.5	1.7	1.64	1.28	2.68	3.925	5.625	6.31

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	32	88.	81.406	144.	6.	1172.701	34.245	17.	67.	100.	110.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	16	3.1	2.994	3.9	1.9	0.321	0.566	2.04	2.55	3.375	3.76
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	5 ##	2.5	2.2	2.5	1.	0.45	0.671	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	5 ##	5.	4.5	5.	2.5	1.25	1.118	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	5 ##	12.5	9.5	12.5	5.	16.875	4.108	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	5	1280.	1093.9	1800.	528.	303798.55	551.179	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	5 ##	25.	20.5	25.	2.5	101.25	10.062	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	5	24.	62.	165.	20.	3926.5	62.662	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	1950.	2860.	11000.	130.	9200527.273	3033.237	301.	1017.5	3050.	9650.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	3.286	3.249	4.041	2.114	0.239	0.489	2.333	2.981	3.479	3.973
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1773.752								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	6 ##	0.1	0.167	0.3	0.1	0.011	0.103	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	35	24.	40.943	216.	10.	1652.467	40.651	12.	15.	48.	88.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	176	21.9	20.514	29.	9.8	30.465	5.52	13.07	15.9	25.275	26.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/11/90	32	0.5	0.444	0.8	0.1	0.029	0.17	0.2	0.3	0.6	0.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	170	255.	252.141	346.	168.	2038.95	45.155	182.	215.	283.	311.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	176	4.8	4.903	9.9	1.6	2.481	1.575	2.6	3.9	6.075	6.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	19	2.2	2.374	4.1	1.3	0.572	0.756	1.6	1.7	3.	3.5
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	171	7.	6.975	7.9	6.2	0.145	0.38	6.5	6.6	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	171	7.	6.827	7.9	6.2	0.167	0.408	6.5	6.6	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	171	0.1	0.149	0.631	0.013	0.015	0.122	0.04	0.05	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	35	56.	58.629	94.	36.	290.123	17.033	39.2	44.	78.	83.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	29	15.	25.483	92.	2.	507.473	22.527	8.	10.5	39.5	63.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	37	0.332	0.337	0.68	0.08	0.023	0.151	0.112	0.226	0.429	0.54
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	38	0.041	0.044	0.078	0.018	0.	0.015	0.025	0.033	0.053	0.071
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	38	0.73	0.748	1.22	0.25	0.047	0.216	0.475	0.63	0.89	1.043
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	26	1.01	0.991	1.43	0.541	0.061	0.247	0.645	0.816	1.218	1.315
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	26	0.096	0.095	0.194	0.	0.002	0.04	0.055	0.067	0.12	0.144
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	26	0.047	0.049	0.15	0.	0.001	0.034	0.005	0.028	0.065	0.097
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	37	0.017	0.02	0.127	0.004	0.	0.021	0.004	0.004	0.027	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	14	5.2	5.679	14.	2.	9.27	3.045	2.4	3.15	7.15	11.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	19	5.	4.611	8.5	1.4	2.993	1.73	2.1	3.2	5.6	6.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	36	73.	70.361	126.	4.	945.666	30.752	16.8	62.	88.5	108.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	12	2.45	2.033	3.	0.2	0.904	0.951	0.29	1.325	2.75	2.97
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	5 ##	5.	8.	12.5	5.	16.875	4.108	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	5	994.5	1211.1	2338.	194.	946688.8	972.979	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	5	25.	35.	81.	6.	825.5	28.732	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	490.	5784.286	35000.	20.	167287695.238	12933.974	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	2.69	2.769	4.544	1.301	1.2	1.095	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			587.921								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	5 ##	0.1	0.11	0.15	0.1	0.	0.022	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	34	25.	38.5	234.	4.	1734.197	41.644	12.5	17.75	49.5	69.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0301

NPS Station ID: GWMP0301
Location: MEMORIAL BRIDGE-STATION 2B
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010002900.00
Description:
MEMORIAL BRIDGE-STATION 2B

LAT/LON: 38.875005/ -77.036670

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750223102
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0301

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0302

NPS Station ID: GWMP0302 LAT/LON: 38.875005/ -77.041671 Agency: 11BIOACC Date Created: 05/09/92
Location: POTOMAC RIVER PARK @ N. OF WILSON BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/FISH/STREAM STORET Station ID(s): 3147
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 02070010003201.47 RF3 Mile Point: 3.19 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	12/17/86-12/17/86	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	12/17/86-12/17/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	12/17/86-12/17/86	1	2.96	2.96	2.96	2.96	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1 ##	1.425	1.425	1.425	1.425	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1 ##	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	12/17/86-12/17/86	1	2.49	2.49	2.49	2.49	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.043	0.043	0.043	0.043	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/17/86-12/17/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.054	0.054	0.054	0.054	0.	0.	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.131	0.131	0.131	0.131	0.	0.	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.227	0.227	0.227	0.227	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.057	0.057	0.057	0.057	0.	0.	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/17/86-12/17/86	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	12/17/86-12/17/86	1	4.94	4.94	4.94	4.94	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	12/17/86-12/17/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	12/17/86-12/17/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	12/17/86-12/17/86	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.786	0.786	0.786	0.786	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0303

NPS Station ID: GWMP0303
LAT/LON: 38.875281/ -77.012226
Agency: EXAMPLE
Date Created: 01/11/85
Location: TUT'S APARTMENT USED FOR TESTING
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MSP2 /MSPTEST002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.84
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0303

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0304

NPS Station ID: GWMP0304
LAT/LON: 38.875281/ -77.012226
Agency: 11TRAIN
Date Created: 06/06/87
Location: TUT'S APARTMENT USED FOR TESTING
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MSP02 /MSPTEST002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010008100.09
RF3 Mile Point: 0.59
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0304

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0305

NPS Station ID: GWMP0305
LAT/LON: 38.875281/ -77.012226
Agency: EXAMPLE
Date Created: 05/06/95
Location: TUT'S APARTMENT USED FOR TESTING
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): BIO02 /BIOTEST002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 10.80
On/Off RF1:
RF3 Index: 02070011007800.16
RF3 Mile Point: 0.15
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0305

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0306

NPS Station ID: GWMP0306 LAT/LON: 38.875837/ -76.980560 Agency: 21DCBAWQ Date Created: 10/11/86
Location: PENNSYLVANIA AVE. SOUTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA15
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 2.270 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: PENNSYLVANIA AVE. SOUTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	72	18.1	17.199	29.5	3.1	75.227	8.673	5.06	8.65	25.15	27.91
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	70.	59.667	100.	0.	1801.667	42.446	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-02/02/88	3	0.4	0.367	0.5	0.2	0.023	0.153	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	70	291.5	312.071	1239.	79.	32367.024	179.908	179.	224.	323.25	402.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	71	4.6	4.654	9.3	0.4	6.91	2.629	1.34	2.3	6.9	8.76
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	65	6.8	6.868	8.	6.3	0.118	0.344	6.5	6.6	7.	7.38
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	65	6.8	6.764	8.	6.3	0.129	0.359	6.5	6.6	7.	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	65	0.158	0.172	0.501	0.01	0.011	0.107	0.043	0.1	0.251	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0306

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	71	31	0.44	26	13	0.50	22	7	0.32	23	11	0.48			
00400	PH	Other-Hi Lim.	9.	65	0	0.00	24	0	0.00	19	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	65	9	0.14	24	2	0.08	19	2	0.11	22	5	0.23			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.8	11.3	17.8	7.3	32.25	5.679	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	139.	172.	298.	79.	12807.	113.168	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	8.	7.967	9.2	6.7	1.563	1.25	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	19.	17.6	28.8	3.1	102.04	10.101	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	6	194.	228.833	380.	145.	8524.167	92.326	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	5.	5.4	9.3	2.	6.477	2.545	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	4	6.8	6.9	7.5	6.5	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	4	6.8	6.779	7.5	6.5	0.199	0.447	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	4	0.158	0.166	0.316	0.032	0.014	0.117	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	21.95	19.95	28.	5.7	64.04	8.002	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	261.	256.125	310.	188.	1887.268	43.443	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	4.9	5.513	7.7	4.	1.861	1.364	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	8	7.3	7.288	8.	6.7	0.198	0.445	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	8	7.3	7.111	8.	6.7	0.234	0.484	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	8	0.05	0.077	0.2	0.01	0.005	0.069	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.05	17.74	28.5	5.	68.169	8.256	5.24	8.975	24.875	28.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	306.	286.5	400.	108.	6437.389	80.233	119.3	235.25	331.	394.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	4.1	4.34	9.2	0.9	6.205	2.491	0.96	2.1	5.775	8.94
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	10	6.85	6.96	7.7	6.6	0.147	0.384	6.61	6.7	7.15	7.69
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	10	6.847	6.852	7.7	6.6	0.16	0.4	6.61	6.7	7.15	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	10	0.142	0.141	0.251	0.02	0.006	0.077	0.02	0.081	0.2	0.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	12	12.05	14.817	29.1	3.1	93.054	9.646	3.13	7.3	25.675	28.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	12	319.	356.75	699.	195.	23901.841	154.602	195.	281.25	386.25	676.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	12	3.9	4.083	9.2	0.8	7.082	2.661	1.04	1.675	5.2	9.02
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	12	6.6	6.617	7.	6.3	0.042	0.204	6.33	6.5	6.775	6.97
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	12	6.6	6.576	7.	6.3	0.043	0.208	6.33	6.5	6.775	6.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	12	0.251	0.265	0.501	0.1	0.013	0.114	0.108	0.169	0.316	0.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.5	18.03	29.5	5.2	74.813	8.649	5.36	9.875	25.075	29.41
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	305.	351.1	734.	247.	19900.322	141.069	248.4	274.5	372.5	698.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	4.35	4.48	8.6	1.8	4.535	2.13	1.87	2.65	5.7	8.46
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	10	6.9	6.92	7.2	6.6	0.024	0.155	6.62	6.875	7.	7.18
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	10	6.9	6.894	7.2	6.6	0.025	0.157	6.62	6.875	7.	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	10	0.126	0.128	0.251	0.063	0.003	0.05	0.067	0.1	0.134	0.242

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	14	20.3	16.4	28.1	3.1	87.662	9.363	3.1	4.7	23.7	26.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	14	266.5	403.	1239.	225.	99350.308	315.199	229.5	234.75	404.	1119.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	14	3.4	4.321	9.1	0.4	11.2	3.347	0.4	1.525	8.65	8.95
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	14	6.7	6.779	7.3	6.3	0.076	0.275	6.4	6.6	7.	7.25
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	14	6.7	6.704	7.3	6.3	0.082	0.286	6.4	6.6	7.	7.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	14	0.2	0.198	0.501	0.05	0.014	0.118	0.057	0.1	0.251	0.409

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.7	19.843	26.3	6.6	60.336	7.768	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	210.	229.714	322.	136.	4322.905	65.749	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	2.9	3.843	8.4	0.9	9.08	3.013	**	**	**	**
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	7	6.8	6.771	7.	6.5	0.032	0.18	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	7	6.8	6.739	7.	6.5	0.034	0.183	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	7	0.158	0.182	0.316	0.1	0.006	0.078	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	26	26.1	24.408	29.5	16.	17.473	4.18	17.13	21.6	27.775	28.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	25	303.	283.56	403.	160.	4520.09	67.232	184.	215.5	329.	383.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	26	4.05	3.646	7.	0.9	3.034	1.742	1.38	1.875	4.85	6.14
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	24	6.9	6.929	8.	6.4	0.154	0.393	6.55	6.7	7.	7.6
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	24	6.9	6.808	8.	6.4	0.17	0.412	6.55	6.7	7.	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	24	0.126	0.156	0.398	0.01	0.009	0.096	0.026	0.1	0.2	0.284

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	6.6	6.691	13.5	3.1	9.614	3.101	3.1	3.2	8.8	12.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	23	318.	404.739	1239.	79.	80357.383	283.474	120.4	256.	479.	893.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	22	7.4	6.432	9.3	0.8	7.786	2.79	2.02	3.8	8.875	9.2
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	19	6.9	6.853	7.3	6.5	0.05	0.225	6.5	6.7	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	19	6.9	6.799	7.3	6.5	0.053	0.231	6.5	6.7	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	19	0.126	0.159	0.316	0.05	0.006	0.08	0.063	0.1	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	23	20.7	19.557	28.8	8.6	30.656	5.537	11.76	14.6	23.7	25.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	22	240.	247.591	327.	136.	2270.444	47.649	195.	210.25	295.5	313.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	23	4.6	4.091	8.6	0.4	6.415	2.533	0.6	1.9	5.5	8.12
00400	PH (STANDARD UNITS)	06/13/84-09/11/90	22	6.8	6.814	7.7	6.3	0.14	0.375	6.36	6.575	6.925	7.51
00400	CONVERTED PH (STANDARD UNITS)	06/13/84-09/11/90	22	6.8	6.695	7.7	6.3	0.155	0.394	6.36	6.575	6.925	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/84-09/11/90	22	0.158	0.202	0.501	0.02	0.018	0.133	0.033	0.119	0.267	0.446

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0307

NPS Station ID: GWMP0307
Location: POTOMAC R. 14TH ST.BR. WASH,D.C.
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010032
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.875837/ -77.043893
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 1.660
RF3 Mile Point: 2.29

Agency: 1113TIWQ
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 002 /002 /POTO-02
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.06

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0307

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0308

NPS Station ID: GWMP0308
LAT/LON: 38.875837/ -77.043893
Agency: 1113POTS
Date Created: / /
Location: PO.R. 14TH ST.BR. WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	10.	9.412	13.5	5.5	5.257	2.293	5.9	7.25	11.	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	24	0.056	0.098	0.873	0.018	0.028	0.169	0.029	0.036	0.109	0.126
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	23	0.76	0.669	1.05	0.02	0.104	0.323	0.056	0.73	0.85	1.004
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	39	0.28	0.248	0.41	0.09	0.01	0.098	0.12	0.14	0.33	0.35
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.38	0.367	0.44	0.28	0.007	0.081	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0308

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00				23	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0309

NPS Station ID: GWMP0309 | LAT/LON: 38.876948/ -76.977226 | Agency: 11121ZWQ | Date Created: / /
Location: ANACOSTIA RIVER AT SOUSA BRIDGE | FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ANA-003.10 /ANA3 /AA3
RMI-Indexes: 0214001 002640 | Within Park Boundary: No
RMI-Miles: 0109.10 0003.10
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010029 | RF1 Mile Point: 2.290 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002900.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.10 | On/Off RF3:
Description:
ANACOSTIA RIVER AT SOUSA BRIDGE. SAMPLED BY EPA - REGION 3, CHESAPEAKE TECHNICAL SUPPORT LAB PURSUANT TO A 1970 SPECIAL STUDY ON THE ANACOSTIA RIVER, WASHINGTON, D.C.

Parameter Inventory for Station: GWMP0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	6	23.75	19.917	28.	9.	74.642	8.64	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	32.	32.6	55.	3.	388.3	19.705	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-06/08/70	2	24.5	24.5	34.	15.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	6	4.05	4.533	7.8	1.8	7.343	2.71	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	3	6.3	5.233	6.8	2.6	5.263	2.294	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	6	0.636	0.595	0.822	0.123	0.065	0.255	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	6	1.185	1.193	1.64	0.879	0.068	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	6	0.81	0.958	1.65	0.5	0.176	0.42	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	6	0.41	0.483	0.87	0.34	0.041	0.202	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	5	0.18	0.198	0.28	0.12	0.005	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	5.7	6.667	8.7	5.6	3.103	1.762	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/70-04/30/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-04/30/70	2	80466.	80466.	160900.	32.	12939256712.	113750.854	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/18/70-04/30/70	2	3.356	3.356	5.207	1.505	6.85	2.617	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2269.097								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	5	2100.	2228.4	5420.	32.	5270272.8	2295.707	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	5	3.322	2.829	3.734	1.505	0.986	0.993	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			674.323								
32237	PIGMENTS, PHEAD (MG/L)	04/30/70-04/30/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	68.5	68.75	131.	7.	2610.917	51.097	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	1	0.20	1	0	0.00	2	1	0.50	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	3	0.50	1	1	1.00	2	0	0.00	3	2	0.67			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	3	0.60	1	1	1.00	2	1	0.50	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0310

NPS Station ID: GWMP0310
LAT/LON: 38.876948/ -76.978892
Agency: 1113AAWQ
Date Created: / /
Location: ANACOSTIA R. PA.AVE.-SOUSA BR.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /ANACOST-AA3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 2.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	6	23.75	19.933	28.	9.	74.207	8.614	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	32.	32.6	55.	3.	388.3	19.705	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-06/08/70	2	24.5	24.5	34.	15.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	6	4.05	4.533	7.8	1.8	7.343	2.71	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	6.3	5.233	6.8	2.6	5.263	2.294	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	6	0.636	0.595	0.822	0.123	0.065	0.255	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	6	1.185	1.193	1.64	0.879	0.068	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	6	0.81	0.958	1.65	0.5	0.176	0.42	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	5	0.18	0.198	0.28	0.12	0.005	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	5.7	6.667	8.7	5.6	3.103	1.762	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	160900.	160900.	160900.	160900.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	5.207	5.207	5.207	5.207	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			160900.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	2790.	2777.5	5420.	110.	5016958.333	2239.857	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	3.432	3.16	3.734	2.041	0.584	0.764	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1444.766								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	6	9.4	21.15	76.5	3.8	780.207	27.932	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	68.5	68.75	131.	7.	2610.917	51.097	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	6	0.41	0.483	0.87	0.34	0.041	0.202	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	1	0.20	1	0	0.00	2	1	0.50	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	3	0.50	1	1	1.00	2	0	0.00	3	2	0.67			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	3	0.75	1	1	1.00	2	1	0.50	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0311

NPS Station ID: GWMP0311
Location: 14TH ST BRIDGE-STATION 2
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003200.53
Description:
14TH ST. BRIDGE-STATION 2

LAT/LON: 38.876948/ -77.038892

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.02

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750223270
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.08

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0311

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0312

NPS Station ID: GWMP0312 LAT/LON: 38.877227/ -76.972226 Agency: 21DCBAWQ Date Created: 10/11/86
Location: CONRAIL RAILROAD BRIDGE, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA13
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 2.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010014200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: CONRAIL RAILROAD BRIDGE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	69	17.2	16.925	29.3	2.5	76.96	8.773	4.8	8.6	25.5	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	80.	62.5	100.	0.	1730.	41.593	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-06/11/85	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	67	295.	315.687	1286.	82.	36508.643	191.072	171.6	213.	323.	415.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	68	4.7	5.104	11.2	0.7	7.501	2.739	1.68	2.925	7.35	9.11
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	62	6.85	6.889	7.9	6.4	0.105	0.324	6.5	6.7	7.	7.34
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	62	6.847	6.795	7.9	6.4	0.114	0.338	6.5	6.7	7.	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	62	0.142	0.16	0.398	0.013	0.009	0.095	0.047	0.1	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0312

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	68	28	0.41	27	16	0.59	21	5	0.24	20	7	0.35			
00400	PH	Other-Hi Lim.	9.	62	0	0.00	25	0	0.00	18	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	62	8	0.13	25	3	0.12	18	2	0.11	19	3	0.16			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	3	8.6	11.6	18.9	7.3	40.39	6.355	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	3	129.	168.	293.	82.	12271.	110.775	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	3	8.8	8.567	10.	6.9	2.443	1.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	9	16.	17.156	28.5	2.9	92.388	9.612	2.9	8.1	26.95	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	208.	213.286	300.	140.	4243.571	65.143	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	5.	5.487	11.2	1.7	8.853	2.975	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	5	6.9	6.94	7.6	6.5	0.163	0.404	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	5	6.9	6.823	7.6	6.5	0.18	0.424	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	5	0.126	0.15	0.316	0.025	0.011	0.105	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	8	22.1	20.013	28.	5.5	66.456	8.152	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	8	269.	257.875	310.	189.	1940.411	44.05	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	8	4.5	5.3	7.9	3.6	3.177	1.782	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.15	7.213	7.9	6.5	0.278	0.528	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	8	7.082	6.969	7.9	6.5	0.346	0.589	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	8	0.083	0.107	0.316	0.013	0.012	0.108	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	11	20.8	18.009	28.6	4.9	64.417	8.026	5.34	9.3	23.8	28.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	11	304.	289.727	363.	106.	5291.218	72.741	129.	264.	344.	359.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	11	4.4	4.527	9.5	1.3	6.52	2.553	1.34	1.7	6.1	8.96
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.973	7.6	6.6	0.072	0.269	6.62	6.8	7.1	7.52
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.9	6.91	7.6	6.6	0.077	0.277	6.62	6.8	7.1	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	11	0.126	0.123	0.251	0.025	0.004	0.063	0.033	0.079	0.158	0.241

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	11	13.9	15.364	28.9	2.6	98.221	9.911	2.68	8.3	26.3	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	11	319.	364.455	832.	179.	32569.273	180.47	185.4	279.	403.	770.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	11	4.5	4.364	9.2	0.8	7.679	2.771	1.	2.1	4.9	9.2
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.6	6.582	6.8	6.4	0.02	0.14	6.4	6.5	6.7	6.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	11	6.6	6.562	6.8	6.4	0.02	0.142	6.4	6.5	6.7	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	11	0.251	0.274	0.398	0.158	0.007	0.084	0.158	0.2	0.316	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	19.35	17.97	29.3	4.8	74.891	8.654	5.02	10.	24.85	29.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	305.5	353.	716.	255.	17896.889	133.779	255.9	291.	377.	682.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	3.8	4.72	8.9	1.8	6.468	2.543	1.8	2.925	7.075	8.86
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.9	7.2	6.6	0.036	0.189	6.61	6.775	7.1	7.19
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.9	6.864	7.2	6.6	0.037	0.192	6.61	6.775	7.1	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.126	0.137	0.251	0.063	0.003	0.058	0.065	0.079	0.169	0.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	10	13.2	13.29	28.5	2.5	97.503	9.874	2.53	2.875	23.85	28.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	10	304.5	475.3	1286.	192.	139936.011	374.08	197.1	247.5	607.75	1261.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	10	6.2	6.11	10.1	2.4	9.181	3.03	2.42	2.675	8.95	10.
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.85	6.92	7.2	6.7	0.031	0.175	6.71	6.8	7.05	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	10	6.847	6.891	7.2	6.7	0.032	0.178	6.71	6.8	7.05	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	10	0.142	0.129	0.2	0.063	0.002	0.046	0.063	0.091	0.158	0.195

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	7	23.7	19.829	26.7	6.5	61.109	7.817	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	7	212.	230.286	323.	133.	4665.905	68.307	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	7	3.5	4.143	8.7	0.7	10.906	3.302	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.771	7.	6.4	0.039	0.198	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	7	6.8	6.729	7.	6.4	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	7	0.158	0.187	0.398	0.1	0.01	0.101	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	27	25.9	24.344	29.3	16.	17.045	4.129	17.	22.	28.	28.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	26	301.5	283.077	403.	140.	4331.274	65.812	185.4	220.75	330.	367.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	27	3.5	3.685	7.5	1.3	3.215	1.793	1.5	1.8	4.8	6.66
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	25	6.8	6.936	7.9	6.4	0.16	0.4	6.5	6.7	7.05	7.7
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	25	6.8	6.808	7.9	6.4	0.177	0.421	6.5	6.7	7.05	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	25	0.158	0.156	0.398	0.013	0.01	0.099	0.02	0.09	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	22	6.	6.477	13.4	2.5	10.554	3.249	2.66	2.975	8.775	12.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	22	311.5	412.818	1286.	82.	91650.061	302.738	112.9	264.75	479.25	974.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	21	8.5	7.029	11.2	0.8	9.048	3.008	2.48	4.05	9.15	10.08
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	18	6.9	6.856	7.2	6.5	0.045	0.212	6.5	6.7	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	18	6.9	6.807	7.2	6.5	0.047	0.218	6.5	6.7	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	18	0.126	0.156	0.316	0.063	0.006	0.078	0.063	0.1	0.2	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/11/90	20	17.3	18.4	28.5	8.6	33.539	5.791	11.28	13.9	23.65	26.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/11/90	19	255.	247.842	322.	133.	2998.585	54.759	179.	202.	298.	321.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/11/90	20	5.1	5.	9.2	0.7	5.561	2.358	1.52	3.475	6.75	8.59
00400	PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.8	6.858	7.6	6.4	0.096	0.31	6.4	6.6	6.9	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-09/11/90	19	6.8	6.768	7.6	6.4	0.105	0.323	6.4	6.6	6.9	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-09/11/90	19	0.158	0.171	0.398	0.025	0.011	0.107	0.04	0.126	0.251	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0313

NPS Station ID: GWMP0313 | LAT/LON: 38.877227/ -76.975837 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: PENNSYLVANIA AVE. BRIDGE D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): ANA14
RMI-Indexes: 0214001 002640
Within Park Boundary: No
RMI-Miles: 0096.00 0003.60
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029 | RF1 Mile Point: 2.520 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002900.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.02 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: PENNSYLVANIA AVE. BRIDGE D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	277	23.1	20.241	30.5	0.2	56.135	7.492	8.38	14.9	26.25	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/19/85	40	85.	61.875	100.	0.	1822.676	42.693	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	113	0.3	0.342	2.5	0.1	0.064	0.253	0.1	0.2	0.4	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	268	281.	293.929	1284.	75.	15174.268	123.184	193.	235.75	325.	389.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	271	4.	4.253	13.3	0.3	5.759	2.4	1.4	2.4	5.8	7.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	81	3.6	3.835	7.8	1.3	2.884	1.698	1.9	2.4	4.9	6.54
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	260	6.8	6.838	8.7	6.3	0.099	0.314	6.5	6.6	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	260	6.8	6.75	8.7	6.3	0.107	0.326	6.5	6.6	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	260	0.158	0.178	0.501	0.002	0.01	0.102	0.063	0.1	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	123	54.	56.504	96.	24.	248.039	15.749	36.8	44.	70.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	95	25.	32.779	264.	2.	941.514	30.684	10.	17.	39.	65.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	128	0.438	0.491	2.58	0.031	0.103	0.32	0.209	0.281	0.618	0.833
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	129	0.045	0.07	0.408	0.016	0.004	0.064	0.025	0.034	0.08	0.135
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	129	0.63	0.715	3.15	0.08	0.223	0.472	0.27	0.415	0.94	1.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	95	1.26	1.243	2.34	0.	0.224	0.473	0.625	1.01	1.56	1.754
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	93	0.125	0.129	0.424	0.	0.003	0.057	0.083	0.102	0.16	0.187
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	91	0.042	0.047	0.174	0.	0.001	0.03	0.017	0.028	0.063	0.092
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	125	0.015	0.018	0.115	0.	0.	0.018	0.004	0.004	0.025	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	65	7.	7.475	20.1	1.3	11.817	3.438	3.98	5.3	8.5	12.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	81	5.3	5.417	15.2	1.	4.401	2.098	3.4	4.2	6.5	7.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	121	90.	84.413	148.	0.	1100.411	33.172	40.8	68.	108.	123.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	3	42.	35.333	42.	22.	133.333	11.547	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	44	2.7	2.417	4.4	0.05	1.438	1.199	0.2	1.8	3.3	3.75
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-07/17/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-07/17/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-07/17/90	18 ##	5.	5.361	14.	2.5	4.994	2.235	4.75	5.	5.	5.9
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-07/17/90	18 ##	8.5	8.722	12.5	5.	14.683	3.832	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-07/17/90	18	1316.	1781.889	4840.	512.	1867171.075	1366.445	530.9	862.	2306.75	4750.
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-07/17/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-07/17/90	18	32.5	46.111	159.	0.	1672.575	40.897	9.	24.5	54.75	125.7
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-07/17/90	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	3	24000.	49533.333	120000.	4600.	3818253333.333	61792.017	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/11/83-12/15/83	3	4.38	4.374	5.079	3.663	0.502	0.708	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23661.927								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	32	10100.	19722.813	92000.	130.	463558466.028	21530.408	333.	4600.	35000.	54000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	32	4.003	3.896	4.964	2.114	0.604	0.777	2.522	3.663	4.544	4.732
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7877.77								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	3200.	8380.	24600.	0.	115772000.	10759.74	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/11/90	5	3.505	2.409	4.391	0.	4.941	2.223	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			256.484								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/27/86	47	8.	10.755	69.	0.	171.781	13.107	0.9	3.	13.	18.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/27/86	47	13.	20.638	83.	0.	431.475	20.772	0.5	2.	33.	53.8
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-07/17/90	19 ##	0.1	0.116	0.4	0.1	0.005	0.069	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	121	38.	53.331	234.	6.	1676.606	40.946	20.	30.	66.	96.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	271	140	0.52	139	87	0.63	43	8	0.19	89	45	0.51			
00400	PH	Other-Hi Lim.	9.	260	0	0.00	128	0	0.00	44	0	0.00	88	0	0.00			
		Other-Lo Lim.	6.5	260	37	0.14	128	18	0.14	44	6	0.14	88	13	0.15			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	129	0	0.00	51	0	0.00	40	0	0.00	38	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	129	0	0.00	51	0	0.00	40	0	0.00	38	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	2	0.11	8	1	0.13	5	1	0.20	5	0	0.00			
		Drinking Water	5000.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2 &	2	1.00	1	1	1.00	1	1	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	32	30	0.94	13	12	0.92	12	12	1.00	7	6	0.86			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	121	49	0.40	50	16	0.32	36	18	0.50	35	15	0.43			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	5	17.9	13.94	17.9	7.2	29.723	5.452	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	3	0.2	0.233	0.4	0.1	0.023	0.153	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	3	138.	170.333	298.	75.	13216.333	114.962	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	5	7.3	7.6	9.2	6.9	0.875	0.935	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	3	2.6	2.667	3.	2.4	0.093	0.306	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	3	6.6	6.6	6.7	6.5	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	3	6.6	6.592	6.7	6.5	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	3	0.251	0.256	0.316	0.2	0.003	0.058	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	3	40.	44.667	70.	24.	545.333	23.352	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	3	24.	20.333	32.	5.	192.333	13.868	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	3	0.169	0.156	0.269	0.031	0.014	0.12	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	3	0.022	0.042	0.083	0.02	0.001	0.036	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	3	0.57	0.613	0.78	0.49	0.022	0.15	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	3	0.63	0.571	0.682	0.401	0.022	0.15	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	3	0.145	0.158	0.221	0.109	0.003	0.057	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	3	0.065	0.051	0.069	0.02	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	3	0.026	0.021	0.032	0.004	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	10.5	10.367	12.9	7.7	6.773	2.603	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	7.5	6.6	7.7	4.6	3.01	1.735	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	3	66.	106.667	222.	32.	10265.333	101.318	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	15	22.	17.847	28.6	2.	113.014	10.631	2.72	6.8	28.	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	10	0.3	0.25	0.4	0.1	0.018	0.135	0.1	0.1	0.4	0.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	13	250.	244.385	390.	140.	4826.256	69.471	144.	191.	299.	354.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	14	4.75	5.193	11.4	1.4	10.379	3.222	1.55	1.9	7.75	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	11	3.	3.209	5.3	1.5	1.673	1.293	1.54	2.	4.4	5.16
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	11	6.8	6.918	7.6	6.5	0.132	0.363	6.52	6.7	7.2	7.58
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	11	6.8	6.812	7.6	6.5	0.144	0.38	6.52	6.7	7.2	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	11	0.158	0.154	0.316	0.025	0.008	0.091	0.026	0.063	0.2	0.303
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	11	40.	50.727	86.	32.	317.818	17.827	32.8	38.	68.	83.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	10	36.	35.	65.	2.	504.667	22.465	2.2	15.25	55.75	64.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	12	0.33	0.376	0.665	0.141	0.025	0.159	0.174	0.267	0.508	0.652
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	12	0.036	0.056	0.224	0.018	0.003	0.057	0.02	0.026	0.058	0.186
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	12	0.77	0.857	1.62	0.29	0.184	0.429	0.314	0.503	1.273	1.566
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	12	0.923	0.899	1.35	0.356	0.085	0.292	0.421	0.641	1.153	1.305
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	12	0.147	0.145	0.239	0.087	0.002	0.043	0.091	0.104	0.166	0.225
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	12	0.047	0.051	0.099	0.018	0.001	0.024	0.019	0.04	0.062	0.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	12	0.021	0.024	0.059	0.004	0.	0.017	0.004	0.015	0.029	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	4.8	6.089	11.7	1.3	12.491	3.534	1.3	3.3	9.45	11.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	4.4	4.078	6.6	1.	4.072	2.018	1.	2.2	5.85	6.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	11	76.	79.455	106.	52.	290.473	17.043	54.	68.	96.	104.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	10	66.	74.3	132.	27.	1316.9	36.289	27.5	44.	103.5	131.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	46	25.8	22.561	28.	1.8	39.496	6.285	13.4	18.	26.525	26.99
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	16	0.4	0.356	0.6	0.1	0.016	0.126	0.17	0.3	0.4	0.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	46	269.5	271.283	355.	150.	2413.274	49.125	194.1	249.	310.	328.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	46	4.2	4.448	13.3	1.5	4.072	2.018	2.47	3.325	4.825	7.06
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	3.1	3.725	6.3	2.2	1.757	1.325	2.29	2.725	4.975	5.97
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	38	6.8	6.884	7.9	6.3	0.182	0.427	6.39	6.575	7.2	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	38	6.8	6.728	7.9	6.3	0.207	0.455	6.39	6.575	7.2	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	38	0.158	0.187	0.501	0.013	0.019	0.139	0.025	0.063	0.267	0.408
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	16	59.	56.625	80.	26.	162.517	12.748	40.	48.5	63.	75.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	17	20.	35.765	264.	8.	3507.066	59.22	14.4	16.5	28.	80.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	18	0.381	0.366	0.634	0.037	0.025	0.16	0.117	0.249	0.475	0.602
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	18	0.049	0.06	0.135	0.016	0.001	0.038	0.021	0.031	0.08	0.128
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	18	0.535	0.623	1.15	0.16	0.127	0.357	0.187	0.285	0.985	1.141
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	18	1.345	1.37	1.68	0.895	0.052	0.229	1.017	1.24	1.595	1.671
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	18	0.116	0.143	0.424	0.09	0.006	0.075	0.095	0.108	0.161	0.213
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	18	0.036	0.035	0.063	0.011	0.	0.014	0.016	0.024	0.041	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	18	0.008	0.011	0.046	0.001	0.	0.011	0.003	0.004	0.013	0.027
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	5.45	5.95	12.5	2.4	6.859	2.619	2.82	4.3	7.025	11.27
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	5.05	5.542	15.2	1.5	11.804	3.436	1.95	3.675	6.575	12.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	17	96.	97.176	124.	72.	186.029	13.639	76.8	88.	105.	120.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	16	30.5	34.688	66.	6.	266.496	16.325	15.8	23.5	51.	61.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	45	23.	20.753	29.7	1.	54.099	7.355	8.68	16.3	26.2	28.94
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	18	0.4	0.433	0.8	0.2	0.022	0.15	0.2	0.3	0.5	0.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	44	304.	322.068	501.	111.	5427.042	73.668	234.5	281.	382.25	429.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	43	3.7	3.83	9.	0.8	4.112	2.028	1.4	2.4	5.1	6.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	2.85	3.858	7.2	1.8	4.581	2.14	1.83	1.95	6.05	7.17
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.95	7.018	8.7	6.5	0.131	0.362	6.7	6.8	7.175	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.947	6.921	8.7	6.5	0.14	0.375	6.7	6.8	7.175	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	44	0.113	0.12	0.316	0.002	0.005	0.069	0.032	0.067	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	20	63.	62.4	90.	42.	196.042	14.002	44.	49.	73.	81.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	18	19.	22.278	83.	7.	285.154	16.886	8.8	13.	23.75	42.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.426	0.545	2.58	0.107	0.275	0.524	0.126	0.298	0.607	0.844
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.053	0.081	0.3	0.024	0.005	0.07	0.026	0.044	0.092	0.202
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.5	0.696	2.04	0.11	0.319	0.565	0.12	0.27	0.955	1.755
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	20	1.425	1.384	2.09	0.124	0.305	0.553	0.203	1.133	1.725	2.077
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	20	0.122	0.119	0.185	0.	0.002	0.04	0.07	0.1	0.152	0.163
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	20	0.037	0.036	0.063	0.	0.	0.017	0.013	0.025	0.05	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	19	0.011	0.014	0.076	0.004	0.	0.017	0.004	0.004	0.016	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	6.75	7.842	17.1	2.8	17.048	4.129	3.19	4.725	10.975	15.78
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	4.6	4.467	8.3	1.5	3.962	1.991	1.71	2.575	5.875	7.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	20	49.	57.	148.	0.	2775.368	52.682	0.2	8.	108.	119.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	20	24.5	27.15	54.	10.	159.187	12.617	12.2	18.5	34.75	52.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	47	16.4	18.468	29.	3.1	63.118	7.945	8.38	12.5	26.6	27.84
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	20	0.3	0.42	2.5	0.1	0.251	0.501	0.11	0.3	0.4	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	47	281.	296.957	738.	130.	10621.563	103.061	183.4	240.	334.	404.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	46	4.3	4.659	9.6	0.8	6.73	2.594	1.37	2.825	6.85	8.93
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	4.3	4.567	7.8	2.2	2.662	1.632	2.38	3.325	5.425	7.56
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	46	6.6	6.667	7.6	6.3	0.063	0.25	6.4	6.5	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	46	6.6	6.611	7.6	6.3	0.066	0.257	6.4	6.5	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	46	0.251	0.245	0.501	0.025	0.012	0.108	0.1	0.158	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	20	62.	61.9	90.	32.	282.305	16.802	34.8	50.	73.	87.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	8	22.5	30.125	79.	2.	652.696	25.548	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.555	0.618	1.87	0.16	0.164	0.406	0.214	0.282	0.811	1.211
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.049	0.072	0.408	0.022	0.007	0.084	0.024	0.037	0.07	0.131
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.61	0.755	2.46	0.1	0.325	0.57	0.191	0.33	1.025	1.504
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	6	1.34	1.437	2.34	0.734	0.29	0.539	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	6	0.121	0.141	0.243	0.08	0.004	0.065	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	5	0.067	0.079	0.174	0.034	0.003	0.055	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	20	0.007	0.015	0.051	0.	0.	0.015	0.004	0.004	0.025	0.043
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	5	8.	7.48	8.4	5.7	1.297	1.139	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	5.05	5.542	7.8	3.7	1.943	1.394	3.85	4.425	6.85	7.71
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	20	91.	87.5	140.	20.	981.	31.321	40.4	62.5	109.	131.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	20	36.	49.95	114.	20.	664.997	25.788	28.2	32.5	64.5	94.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	40	23.	20.46	30.5	0.2	58.595	7.655	8.3	14.6	26.775	29.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	16	0.3	0.306	0.6	0.1	0.018	0.134	0.1	0.2	0.4	0.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	40	324.	351.15	1110.	235.	21852.849	147.827	248.3	295.5	378.5	389.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	40	3.85	3.977	8.7	0.5	4.652	2.157	1.51	1.9	5.8	6.79
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	10	4.55	5.01	7.7	1.6	3.568	1.889	1.8	3.75	6.75	7.65
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	40	6.8	6.888	7.3	6.5	0.053	0.23	6.6	6.7	7.1	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	40	6.8	6.832	7.3	6.5	0.056	0.237	6.6	6.7	7.1	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	40	0.158	0.147	0.316	0.05	0.005	0.072	0.063	0.079	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	20	60.	63.	96.	42.	265.474	16.293	46.	47.	77.5	91.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	4	26.	27.25	36.	21.	56.25	7.5	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	19	0.56	0.601	1.16	0.229	0.059	0.243	0.296	0.388	0.723	1.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.077	0.089	0.348	0.025	0.005	0.071	0.032	0.039	0.111	0.155
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.705	0.828	3.15	0.08	0.424	0.651	0.366	0.445	0.92	1.608
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	2	1.091	1.091	1.171	1.01	0.013	0.114	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	1	0.133	0.133	0.133	0.133	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	1	0.104	0.104	0.104	0.104	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	18	0.015	0.016	0.041	0.004	0.	0.012	0.004	0.004	0.025	0.031
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	3	7.4	7.3	8.	6.5	0.57	0.755	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	5.65	5.592	7.4	4.2	0.939	0.969	4.26	4.75	6.3	7.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	20	112.	107.9	140.	60.	524.095	22.893	70.4	96.	124.75	135.5
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	20	35.5	47.05	126.	13.	909.629	30.16	19.1	30.25	60.	115.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	36	23.45	20.378	28.3	3.	58.175	7.627	4.71	16.2	26.4	27.86
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	15	0.3	0.247	0.4	0.1	0.01	0.099	0.1	0.2	0.3	0.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	34	242.	307.235	1284.	153.	52417.579	228.949	193.	208.	309.25	432.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	34	3.3	4.097	9.5	0.6	7.02	2.649	0.95	1.875	6.6	8.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	12	2.9	3.342	5.7	1.3	2.443	1.563	1.42	2.05	4.875	5.55
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	34	6.7	6.806	7.6	6.6	0.046	0.215	6.6	6.7	6.825	7.15
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	34	6.7	6.767	7.6	6.6	0.048	0.218	6.6	6.7	6.825	7.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	34	0.2	0.171	0.251	0.025	0.003	0.059	0.071	0.15	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	17	50.	49.176	70.	34.	100.529	10.026	34.	42.	56.	65.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	19	42.	41.895	92.	2.	575.433	23.988	13.	22.	66.	76.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.466	0.459	1.02	0.131	0.044	0.209	0.148	0.322	0.568	0.737
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.04	0.06	0.289	0.027	0.004	0.064	0.029	0.031	0.045	0.17
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	20	0.575	0.683	1.42	0.31	0.112	0.335	0.335	0.443	0.793	1.258
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	18	1.25	1.117	1.84	0.	0.331	0.575	0.	0.938	1.453	1.795
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	17	0.099	0.09	0.163	0.	0.004	0.06	0.	0.029	0.143	0.162
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	16	0.051	0.051	0.119	0.	0.002	0.042	0.	0.001	0.091	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	19	0.022	0.029	0.115	0.004	0.001	0.028	0.004	0.014	0.036	0.089
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	7.75	8.867	20.1	3.7	22.861	4.781	4.42	6.2	8.75	19.17
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	12	5.75	6.025	11.3	3.6	4.773	2.185	3.69	4.275	7.05	10.43
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	17	76.	79.412	116.	50.	356.382	18.878	51.6	65.	93.	108.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	17	60.	73.059	234.	24.	3173.809	56.337	28.8	37.5	75.	195.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	43	23.5	20.409	27.1	2.2	40.819	6.389	11.94	16.	25.8	26.46
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	15	0.3	0.333	0.7	0.1	0.042	0.206	0.1	0.2	0.4	0.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	41	220.	243.561	488.	132.	4424.602	66.518	182.	203.	277.	327.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	43	3.2	3.719	8.6	0.3	5.787	2.406	0.64	1.5	5.1	7.42
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	9	3.	3.478	6.8	1.4	2.872	1.695	1.4	2.15	4.65	6.8
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.8	6.773	7.2	6.4	0.049	0.22	6.45	6.6	6.975	7.1
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.8	6.72	7.2	6.4	0.051	0.227	6.45	6.6	6.975	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	44	0.158	0.191	0.398	0.063	0.009	0.095	0.079	0.106	0.251	0.357
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	16	42.	48.125	72.	32.	191.183	13.827	33.4	36.5	61.5	70.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	16	35.	34.25	66.	10.	205.133	14.322	10.	25.5	41.25	56.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.442	0.464	0.874	0.204	0.042	0.204	0.21	0.251	0.621	0.785
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.044	0.068	0.168	0.024	0.002	0.05	0.025	0.034	0.09	0.162
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	16	0.565	0.601	1.04	0.13	0.066	0.257	0.284	0.41	0.795	0.97
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	16	1.285	1.399	2.31	0.903	0.127	0.356	1.027	1.193	1.558	2.072
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	16	0.134	0.144	0.234	0.092	0.001	0.038	0.1	0.114	0.172	0.203
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	16	0.049	0.053	0.103	0.022	0.001	0.024	0.026	0.032	0.067	0.102
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	16	0.017	0.02	0.061	0.	0.	0.017	0.002	0.005	0.028	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	7.2	7.644	10.1	4.4	3.318	1.821	4.4	6.45	9.35	10.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	9	6.6	6.256	8.1	4.	1.645	1.283	4.	5.15	7.2	8.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	16	76.	80.625	138.	54.	612.65	24.752	54.	62.	98.5	121.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	15	66.	74.	198.	12.	2489.	49.89	23.4	38.	78.	183.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	142	25.7	24.117	30.5	14.5	18.666	4.32	17.3	20.4	27.3	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	48	0.3	0.39	2.5	0.1	0.118	0.343	0.2	0.3	0.4	0.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	136	304.	296.713	434.	130.	4378.473	66.17	208.7	251.25	334.	391.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	139	3.2	3.5	7.3	0.7	2.841	1.685	1.4	2.2	4.7	5.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	27	4.4	4.507	7.8	1.9	2.719	1.649	2.38	3.1	4.9	7.2
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	128	6.8	6.845	7.9	6.3	0.088	0.297	6.5	6.625	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	128	6.8	6.76	7.9	6.3	0.096	0.31	6.5	6.625	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	128	0.158	0.174	0.501	0.013	0.01	0.102	0.063	0.1	0.238	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	51	64.	63.608	96.	32.	242.883	15.585	40.	52.	74.	83.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	34	25.5	31.176	92.	9.	323.422	17.984	16.	18.75	39.75	55.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	50	0.444	0.559	2.58	0.131	0.186	0.431	0.22	0.274	0.716	0.872
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	51	0.082	0.106	0.408	0.022	0.007	0.084	0.035	0.044	0.127	0.22
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	51	0.42	0.435	1.14	0.08	0.056	0.237	0.14	0.27	0.59	0.778
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	35	1.33	1.342	2.31	0.	0.231	0.481	0.625	1.15	1.65	2.062
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	35	0.125	0.123	0.234	0.	0.002	0.043	0.091	0.106	0.147	0.166
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	35	0.035	0.04	0.119	0.	0.001	0.026	0.018	0.023	0.048	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	51 ##	0.004	0.013	0.076	0.001	0.	0.015	0.004	0.004	0.02	0.035
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	21	7.5	7.124	12.7	1.3	7.684	2.772	2.68	5.3	8.7	11.58
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	28	5.25	5.154	8.4	1.	4.044	2.011	1.45	3.9	6.375	8.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	50	100.	93.18	148.	0.	1142.273	33.798	52.8	70.	118.5	131.9
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	16	1.65	1.625	3.7	0.1	1.165	1.079	0.1	0.55	2.425	3.21
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	13	13000.	22113.077	54000.	130.	468815523.077	21652.148	214.	2950.	44500.	54000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	13	4.114	3.909	4.732	2.114	0.744	0.863	2.281	3.388	4.638	4.732
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8110.747								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	50	35.5	47.52	186.	6.	1055.724	32.492	20.	28.	60.	94.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	46	7.35	7.791	16.	0.2	19.239	4.386	2.14	3.475	10.25	14.64
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	33	0.3	0.33	0.7	0.1	0.022	0.149	0.1	0.2	0.4	0.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	42	323.5	389.476	1284.	75.	64444.792	253.86	168.6	264.25	405.	740.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	43	7.3	6.867	13.3	1.	6.793	2.606	3.78	4.2	8.9	9.38
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	35	2.8	3.34	6.8	1.3	2.532	1.591	1.56	2.2	4.3	6.24
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.9	6.902	8.7	6.4	0.163	0.404	6.5	6.6	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	44	6.9	6.789	8.7	6.4	0.176	0.42	6.5	6.6	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	44	0.126	0.163	0.398	0.002	0.009	0.097	0.063	0.1	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	37	50.	50.595	90.	24.	207.97	14.421	35.2	41.	58.	66.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	33	24.	34.667	264.	2.	2069.729	45.494	4.4	14.	37.5	66.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	40	0.486	0.497	1.16	0.031	0.058	0.24	0.215	0.329	0.644	0.829
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	40	0.036	0.041	0.117	0.02	0.	0.02	0.023	0.029	0.047	0.071
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	40	1.095	1.178	3.15	0.46	0.279	0.529	0.573	0.808	1.418	1.774
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	34	1.186	1.118	2.34	0.	0.294	0.542	0.126	0.901	1.405	1.775
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	32	0.113	0.13	0.424	0.	0.006	0.078	0.059	0.088	0.163	0.234
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	30	0.05	0.054	0.174	0.	0.001	0.034	0.013	0.039	0.068	0.098
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	37	0.02	0.026	0.115	0.	0.001	0.024	0.004	0.012	0.032	0.055
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	29	6.5	7.207	20.1	2.4	13.284	3.645	3.7	4.55	8.15	12.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	34	5.35	5.497	15.2	1.5	5.075	2.253	3.5	4.2	6.45	7.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	35	92.	85.257	138.	2.	1001.432	31.645	19.2	76.	110.	114.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	16	3.3	3.369	4.4	2.3	0.372	0.61	2.3	3.05	3.75	4.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	12000.	21958.333	92000.	4900.	596057196.97	24414.283	5800.	7900.	32250.	74900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	12	4.078	4.175	4.964	3.69	0.137	0.37	3.752	3.898	4.503	4.838
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14958.408								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	36	48.	54.667	222.	12.	1601.029	40.013	18.1	26.25	66.	99.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-09/24/90	89	22.2	20.491	28.6	8.3	30.991	5.567	12.9	14.9	25.8	26.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-09/24/90	32	0.3	0.284	0.7	0.1	0.023	0.151	0.1	0.125	0.4	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-09/24/90	90	249.5	245.133	326.	132.	2465.443	49.653	185.3	202.75	285.5	310.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-09/24/90	89	4.	4.166	8.8	0.3	5.729	2.394	0.8	2.25	6.3	7.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-09/11/90	19	3.2	3.789	7.7	1.7	2.951	1.718	1.9	2.2	5.2	6.1
00400	PH (STANDARD UNITS)	10/11/83-09/24/90	88	6.7	6.795	7.5	6.3	0.08	0.284	6.49	6.6	6.9	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-09/24/90	88	6.7	6.719	7.5	6.3	0.086	0.294	6.49	6.6	6.9	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-09/24/90	88	0.2	0.191	0.501	0.032	0.011	0.103	0.063	0.126	0.251	0.324
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-09/24/90	35	50.	52.4	80.	32.	181.6	13.476	34.	42.	66.	70.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-09/24/90	28	25.5	32.5	79.	2.	421.889	20.54	10.	18.25	45.5	66.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	38	0.404	0.394	0.747	0.107	0.029	0.17	0.14	0.269	0.533	0.624
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	38	0.042	0.052	0.16	0.016	0.001	0.03	0.024	0.032	0.063	0.094
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-09/24/90	38	0.615	0.602	0.97	0.11	0.049	0.222	0.351	0.45	0.783	0.941
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-09/24/90	26	1.325	1.275	1.73	0.574	0.104	0.322	0.83	0.986	1.573	1.673
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-09/24/90	26	0.143	0.134	0.196	0.	0.002	0.042	0.095	0.109	0.162	0.191
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/24/90	26	0.047	0.049	0.106	0.	0.001	0.028	0.009	0.03	0.063	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-09/24/90	37	0.016	0.017	0.045	0.004	0.	0.012	0.004	0.005	0.026	0.037
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-09/11/90	15	8.	8.487	17.1	3.8	15.046	3.879	3.98	6.1	9.	17.04
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-09/11/90	19	6.2	5.663	11.3	2.2	4.005	2.001	3.	4.2	6.7	7.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-09/24/90	36	72.	71.417	125.	0.	916.593	30.275	9.4	57.	95.5	105.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-09/11/90	12	2.55	2.204	3.4	0.05	1.247	1.117	0.065	1.8	3.025	3.37
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	4600.	11451.429	35000.	140.	262457014.286	16200.525	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-01/09/90	7	3.663	3.395	4.544	2.146	0.935	0.967	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2485.985								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-09/24/90	35	36.	60.257	234.	10.	2646.903	51.448	20.6	31.	72.	145.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0314

NPS Station ID: GWMP0314
LAT/LON: 38.877781/ -76.983337
Agency: 31POTOMA
Date Created: 01/24/81
Location: ANACOSTIA AT PENN AVE TRANS PA2
FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101016.2 /PA-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 1.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002906.06
RF3 Mile Point: 6.06
Distance from RF3: 0.04
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM NORTHERN SHORE

Parameter Inventory for Station: GWMP0314

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0315

NPS Station ID: GWMP0315
LAT/LON: 38.877781/ -76.983337
Agency: 31POTOMA
Date Created: 02/28/81
Location: ANACOSTIA RIVER AT PENNSYLVANIA AVE TRANS PA4
FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101016.4 /PA-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 1.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.36
Distance from RF3: 0.07
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0315

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0316

NPS Station ID: GWMP0316 LAT/LON: 38.877781/ -76.983337 Agency: 31POTOMA Date Created: 02/28/81
Location: ANACOSTIA RIVER AT PENNSYLVANIA AVE TRANS PA6 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101016.6 /PA-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 1.860 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.85 RF3 Mile Point: 4.50 Distance from RF3: 0.10 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM SOUTHERN SHORE

Parameter Inventory for Station: GWMP0316

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0317

NPS Station ID: GWMP0317 LAT/LON: 38.877781/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H2 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101005.2 /H-2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FIRST WESTERN BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0317

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0318

NPS Station ID: GWMP0318
LAT/LON: 38.877781/ -77.041671
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101005.4 /H-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 2.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.20
Distance from RF3: 0.13
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0318

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0319

NPS Station ID: GWMP0319 LAT/LON: 38.877781/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H6 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101005.6 /H-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003200.53 RF3 Mile Point: 2.20 Distance from RF3: 0.13 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EIGHTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0319

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0320

NPS Station ID: GWMP0320 LAT/LON: 38.877781/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H8 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101005.8 /H-8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 13 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003200.53 RF3 Mile Point: 2.20 Distance from RF3: 0.13 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT TWELFTH BRIDGE ABUTMENT

Parameter Inventory for Station: GWMP0320

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0321

NPS Station ID: GWMP0321
LAT/LON: 38.877781/ -77.044170
Agency: 1113PESE
Date Created: / /
Location: POTOMAC R. 14TH ST.BR. BUOY N 10
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /2A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.35
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0321

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0322

NPS Station ID: GWMP0322 LAT/LON: 38.878337/ -76.972226 Agency: 21DCBAWQ Date Created: 10/28/86
Location: POPE'S BRANCH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TPB01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 2.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010059400.79 RF3 Mile Point: 3.29 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: POPE'S BRANCH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	69	13.9	13.875	25.2	3.3	40.818	6.389	4.5	8.05	19.45	21.9
00032	CLOUD COVER (PERCENT)	07/15/85-07/15/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-07/21/86	6	0.75	0.767	2.	0.	0.547	0.739	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	68	344.5	353.191	805.	107.	18085.858	134.484	143.9	264.75	445.75	503.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	68	7.6	7.716	12.6	0.2	7.152	2.674	4.66	6.3	9.7	11.11
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	56	1.15	1.405	6.4	0.5	1.284	1.133	0.5	0.5	1.7	3.2
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	63	6.8	6.808	8.2	5.6	0.167	0.409	6.24	6.6	7.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	63	6.8	6.607	8.2	5.6	0.208	0.456	6.24	6.6	7.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	63	0.158	0.247	2.512	0.006	0.118	0.343	0.05	0.079	0.251	0.579
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	69	58.	58.609	94.	28.	125.565	11.206	46.	52.	63.	70.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	53	2.	8.66	49.	0.	155.267	12.461	2.	2.	9.	28.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	59	0.075	0.15	1.13	0.	0.045	0.212	0.02	0.047	0.168	0.314
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	71	0.015	0.023	0.215	0.005	0.001	0.031	0.005	0.005	0.028	0.051
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	71	1.08	1.111	2.49	0.25	0.171	0.414	0.62	0.87	1.27	1.718
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	62	0.408	0.49	2.46	0.	0.225	0.474	0.02	0.1	0.69	1.174
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	50	0.05	0.056	0.252	0.	0.003	0.05	0.005	0.021	0.073	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	50	0.018	0.024	0.124	0.	0.	0.021	0.005	0.012	0.033	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	69	0.007	0.014	0.133	0.	0.001	0.025	0.004	0.004	0.013	0.028
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-04/22/85	5	4.	4.74	8.	2.7	3.988	1.997	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-04/22/85	5	3.	3.98	7.	2.	4.052	2.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	65	120.	118.338	180.	58.	587.571	24.24	81.2	104.	132.	142.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	2	30.	30.	36.	24.	72.	8.485	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	43	5.1	5.033	7.4	0.	3.479	1.865	2.58	3.8	6.6	7.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-10/24/89	7	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-05/07/90	16	## 2.5	2.406	2.5	1.	0.141	0.375	2.05	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-05/07/90	16	## 5.	4.844	5.	2.5	0.391	0.625	4.25	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-05/07/90	16	## 5.	7.813	12.5	5.	14.063	3.75	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/17/83-05/07/90	16	644.	626.25	1160.	6.	159685.533	399.607	7.4	387.75	1032.5	1153.
01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-05/07/90	16	## 25.	23.594	25.	2.5	31.641	5.625	18.25	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-05/07/90	16	23.	46.25	128.	0.	2084.467	45.656	3.5	10.75	98.75	119.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-10/24/89	7	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/12/83-07/17/89	3	2300.	32033.333	92000.	1800.	2697063333.333	51933.258	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/12/83-07/17/89	3	3.362	3.86	4.964	3.255	0.916	0.957	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7248.743								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-11/06/89	37	3300.	10413.243	92000.	50.	313610928.078	17709.063	202.	700.	12000.	24000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/12/83-11/06/89	37	3.519	3.469	4.964	1.699	0.65	0.807	2.304	2.845	4.078	4.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2947.203								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	2	5470.	5470.	8200.	2740.	14905800.	3860.803	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	2	3.676	3.676	3.914	3.438	0.113	0.337	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4740.042								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-05/07/90	16 ##	0.1	0.106	0.2	0.1	0.001	0.025	0.1	0.1	0.1	0.13
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	69	5.	11.316	186.	1.2	573.696	23.952	3.	4.	8.5	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	68	6	0.09	25	0	0.00	25	4	0.16	18	2	0.11			
00400	PH	Other-Hi Lim.	9.	63	0	0.00	25	0	0.00	22	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	63	15	0.24	25	5	0.20	22	5	0.23	16	5	0.31			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	71	0	0.00	26	0	0.00	26	0	0.00	19	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	71	0	0.00	26	0	0.00	26	0	0.00	19	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	5.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	1300.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	16	1	0.06	7	1	0.14	4	0	0.00	5	0	0.00			
		Drinking Water	5000.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	34	0.92	13	13	1.00	13	10	0.77	11	11	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	2.	16	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	69	3	0.04	26	1	0.04	26	2	0.08	17	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	3	9.8	10.7	13.8	8.5	7.63	2.762	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	3	215.	200.333	251.	135.	3525.333	59.375	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	3	0.8	3.333	8.8	0.4	22.453	4.738	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	3	7.1	7.067	7.2	6.9	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	3	7.1	7.048	7.2	6.9	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	3	0.079	0.089	0.126	0.063	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	3	60.	54.	60.	42.	108.	10.392	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	3	14.	21.667	49.	2.	596.333	24.42	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.075	0.181	0.432	0.035	0.048	0.219	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.022	0.019	0.03	0.005	0.	0.013	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.97	0.853	0.97	0.62	0.041	0.202	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	3	0.285	0.319	0.572	0.1	0.057	0.238	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	3	0.107	0.091	0.124	0.043	0.002	0.043	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	3	0.012	0.022	0.043	0.012	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	3 ##	0.004	0.01	0.022	0.004	0.	0.011	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	3	25.	27.333	54.	3.	654.333	25.58	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	9	13.9	14.211	23.2	3.7	52.466	7.243	3.7	7.05	21.4	23.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	9	240.	249.222	383.	107.	6358.694	79.741	107.	203.5	308.	383.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	9	6.6	5.722	9.	0.2	8.434	2.904	0.2	3.2	8.	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	5	7.1	7.1	7.3	6.8	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	5	7.1	7.057	7.3	6.8	0.047	0.217	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	5	0.079	0.088	0.158	0.05	0.002	0.045	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	9	60.	56.889	72.	44.	107.111	10.349	44.	47.	66.	72.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	9 ##	2.	6.556	43.	2.	186.778	13.667	2.	2.	2.	43.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10	0.067	0.073	0.24	0.026	0.004	0.062	0.026	0.033	0.076	0.224
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10 ##	0.005	0.008	0.027	0.005	0.	0.007	0.005	0.005	0.007	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10	1.17	1.208	1.96	0.29	0.297	0.545	0.33	0.855	1.775	1.958
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	10	0.241	0.303	0.711	0.1	0.036	0.189	0.1	0.177	0.427	0.688
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	10	0.019	0.04	0.207	0.006	0.004	0.06	0.007	0.014	0.036	0.191
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	10	0.012	0.018	0.064	0.006	0.	0.017	0.007	0.012	0.017	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	10	0.007	0.013	0.055	0.007	0.	0.015	0.007	0.007	0.012	0.051
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	9	120.	113.333	130.	64.	371.	19.261	64.	112.	121.	130.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	9	5.	24.422	186.	1.2	3673.727	60.611	1.2	3.15	6.	186.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	10	17.9	17.2	25.2	5.3	27.116	5.207	6.22	14.875	19.65	24.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	10	156.	209.9	426.	128.	10042.322	100.211	128.2	133.	271.5	414.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	10	7.05	7.21	11.1	3.4	4.439	2.107	3.63	5.7	8.55	10.92
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	9	1.6	1.578	3.3	0.5	0.624	0.79	0.5	1.05	1.9	3.3
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	9	7.	6.733	7.4	5.6	0.38	0.616	5.6	6.25	7.25	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	9	7.	6.315	7.4	5.6	0.576	0.759	5.6	6.25	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	9	0.1	0.484	2.512	0.04	0.64	0.8	0.04	0.057	0.596	2.512
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	9	60.	61.333	86.	40.	147.	12.124	40.	57.	66.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	9	7.	12.667	49.	2.	247.	15.716	2.	2.	19.5	49.

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Annual Analysis for 1985 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	9	0.09	0.137	0.314	0.02	0.012	0.108	0.02	0.052	0.239	0.314
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	9	0.029	0.032	0.06	0.014	0.	0.018	0.014	0.017	0.049	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	9	0.98	0.948	1.71	0.52	0.12	0.347	0.52	0.7	1.05	1.71
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	9	0.498	0.642	1.18	0.221	0.113	0.336	0.221	0.37	0.987	1.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	9	0.059	0.078	0.252	0.035	0.004	0.066	0.035	0.048	0.074	0.252
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	9	0.02	0.031	0.124	0.005	0.001	0.035	0.005	0.017	0.027	0.124
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	9	0.013	0.021	0.093	0.004	0.001	0.028	0.004	0.008	0.018	0.093
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	8	128.	131.75	168.	78.	831.357	28.833	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	9	5.	12.556	66.	3.	407.278	20.181	3.	4.5	9.5	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	12	11.9	13.567	23.2	4.	52.981	7.279	4.12	5.925	20.4	23.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	12	333.5	337.333	445.	281.	2120.97	46.054	283.1	300.5	343.75	430.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	12	7.9	8.733	12.6	5.6	6.335	2.517	5.6	6.5	11.075	12.51
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	12	1.8	1.967	4.1	1.	0.821	0.906	1.	1.35	2.25	3.83
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	12	6.8	6.792	7.2	6.4	0.092	0.303	6.4	6.525	7.15	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	12	6.8	6.703	7.2	6.4	0.1	0.317	6.4	6.525	7.15	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	12	0.158	0.198	0.398	0.063	0.015	0.124	0.063	0.072	0.3	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	12	64.	64.833	94.	52.	119.606	10.936	53.2	56.5	69.5	86.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	12	2.	10.25	42.	0.	186.568	13.659	0.	2.	17.5	38.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.125	0.166	0.79	0.	0.044	0.21	0.006	0.049	0.207	0.622
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.032	0.042	0.117	0.013	0.001	0.031	0.015	0.02	0.051	0.108
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	1.115	1.262	2.49	0.43	0.343	0.586	0.496	0.828	1.7	2.328
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	12	0.67	0.693	1.38	0.204	0.102	0.32	0.252	0.45	0.815	1.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	12	0.055	0.065	0.177	0.	0.002	0.043	0.011	0.041	0.084	0.151
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	12	0.019	0.024	0.052	0.	0.	0.018	0.002	0.008	0.039	0.052
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	12	0.006	0.01	0.035	0.	0.	0.011	0.	0.004	0.014	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	12	112.	113.	144.	58.	570.545	23.886	67.	103.5	132.	143.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	12	6.	7.75	18.	3.	22.75	4.77	3.3	4.	10.5	17.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	11	11.1	12.027	23.	3.3	50.502	7.106	3.48	4.5	19.6	22.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	11	446.	429.364	605.	318.	6081.455	77.984	324.8	359.	455.	581.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	10	9.	8.89	11.2	5.9	3.854	1.963	5.94	7.275	10.725	11.16
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	11	1.3	1.718	6.4	0.5	2.992	1.73	0.5	0.5	1.7	5.76
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	10	6.55	6.68	8.2	6.2	0.371	0.609	6.2	6.2	6.9	8.07
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	10	6.525	6.467	8.2	6.2	0.421	0.649	6.2	6.2	6.9	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	10	0.299	0.341	0.631	0.006	0.06	0.245	0.018	0.126	0.631	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	12	59.	59.833	74.	50.	43.97	6.631	51.2	55.	61.5	72.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	5	4.	5.2	13.	2.	20.7	4.55	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	9	0.111	0.334	1.13	0.044	0.168	0.41	0.044	0.073	0.611	1.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12 ##	0.009	0.016	0.064	0.005	0.	0.018	0.005	0.005	0.025	0.054
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	1.02	0.97	1.5	0.25	0.106	0.325	0.37	0.785	1.188	1.431
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	6 ##	0.622	0.882	2.46	0.02	1.05	1.025	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	3	0.075	0.076	0.1	0.052	0.001	0.024	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	3	0.036	0.034	0.041	0.026	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	12 ##	0.004	0.006	0.011	0.004	0.	0.003	0.004	0.004	0.009	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	12	124.	126.5	180.	96.	635.727	25.214	96.	104.5	138.5	174.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	12	5.5	8.5	34.	3.	75.182	8.671	3.3	5.	6.75	28.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	12	13.35	13.3	23.1	5.3	39.376	6.275	5.6	7.	19.125	22.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	11	427.	451.091	655.	345.	9903.491	99.516	345.6	360.	503.	640.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	12	7.65	7.883	11.1	4.8	3.865	1.966	5.1	6.25	9.625	10.83
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	11 ##	0.5	1.1	3.8	0.5	0.976	0.988	0.5	0.5	1.3	3.36
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	12	6.7	6.642	7.	6.1	0.064	0.254	6.16	6.525	6.85	6.97
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	12	6.7	6.565	7.	6.1	0.071	0.266	6.16	6.525	6.85	6.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	12	0.2	0.272	0.794	0.1	0.038	0.196	0.108	0.144	0.3	0.706
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	12	55.	57.5	80.	46.	93.182	9.653	47.2	50.5	62.5	77.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	3 ##	2.	7.333	18.	2.	85.333	9.238	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.047	0.052	0.09	0.02	0.001	0.035	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.011	0.028	0.215	0.005	0.004	0.059	0.005	0.005	0.016	0.158
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	1.115	1.208	1.85	0.62	0.124	0.353	0.71	0.97	1.553	1.781
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	11 ##	0.021	0.098	0.53	0.02	0.025	0.158	0.02	0.02	0.134	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	10 ##	0.004	0.008	0.04	0.004	0.	0.012	0.004	0.004	0.006	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	12	121.	119.	140.	80.	335.636	18.32	87.2	104.	136.	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	12	4.	4.917	10.	2.	6.265	2.503	2.3	3.	6.5	9.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	9	13.5	14.289	21.8	4.2	33.676	5.803	4.2	9.85	18.95	21.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	9	464.	497.556	805.	384.	16716.528	129.292	384.	406.	541.	805.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	9	8.6	8.6	12.1	6.	4.553	2.134	6.	6.8	10.65	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	9	6.9	6.933	7.3	6.7	0.035	0.187	6.7	6.8	7.05	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	9	6.9	6.901	7.3	6.7	0.036	0.19	6.7	6.8	7.05	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	9	0.126	0.126	0.2	0.05	0.002	0.047	0.05	0.09	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	9	54.	51.556	58.	36.	45.778	6.766	36.	48.	56.	58.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	9	4.	4.667	10.	2.	8.	2.828	2.	2.	7.	10.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10	0.058	0.068	0.165	0.02	0.002	0.043	0.02	0.039	0.097	0.158
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10	0.012	0.013	0.033	0.005	0.	0.009	0.005	0.005	0.017	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	10	1.165	1.147	1.52	0.87	0.035	0.187	0.871	1.015	1.24	1.492
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	8	0.465	0.5	1.49	0.	0.218	0.467	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	9	0.022	0.024	0.068	0.	0.001	0.025	0.	0.003	0.044	0.068
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	9	0.014	0.017	0.04	0.	0.	0.014	0.	0.003	0.031	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	10 ##	0.004	0.031	0.133	0.004	0.003	0.053	0.004	0.004	0.053	0.133
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	9	122.	116.889	158.	74.	594.111	24.374	74.	101.	132.	158.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	9	4.	6.556	20.	3.	35.778	5.981	3.	3.	9.5	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	3	14.	14.033	21.8	6.3	60.063	7.75	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	3	290.	287.667	310.	263.	556.333	23.587	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	3	7.4	8.467	11.3	6.7	6.143	2.479	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/15/84-08/06/90	3	1.	1.467	2.9	0.5	1.603	1.266	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	3	7.1	7.067	7.4	6.7	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	3	7.1	6.974	7.4	6.7	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	3	0.079	0.106	0.2	0.04	0.007	0.083	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	3	50.	56.	90.	28.	988.	31.432	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	3 ##	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.087	0.173	0.37	0.061	0.029	0.171	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	0.013	0.021	0.046	0.005	0.	0.022	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	3	1.18	0.977	1.31	0.44	0.22	0.469	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	3	0.416	0.633	1.16	0.323	0.21	0.459	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	3	0.021	0.041	0.083	0.019	0.001	0.036	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	3	0.021	0.03	0.058	0.01	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	3 ##	0.004	0.012	0.028	0.004	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	3	82.	88.	118.	64.	756.	27.495	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	3	20.	17.667	27.	6.	114.333	10.693	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	26	19.45	18.727	25.2	9.3	19.285	4.391	12.54	14.35	22.075	23.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	26	345.5	329.654	464.	143.	6498.235	80.612	211.2	278.25	385.	426.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	25	6.9	6.932	8.8	4.8	1.203	1.097	5.6	5.95	7.9	8.48
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	25	6.9	6.892	8.2	5.6	0.242	0.492	6.32	6.6	7.2	7.34
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	25	6.9	6.589	8.2	5.6	0.338	0.582	6.32	6.6	7.2	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	25	0.126	0.258	2.512	0.006	0.24	0.49	0.046	0.063	0.251	0.491
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	26	60.	62.308	94.	46.	155.742	12.48	48.	55.5	70.	87.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	18 ##	2.	8.056	43.	0.	127.232	11.28	1.8	2.	9.25	28.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	22	0.064	0.111	0.432	0.02	0.014	0.119	0.02	0.037	0.144	0.353
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	26 ##	0.015	0.026	0.215	0.005	0.002	0.042	0.005	0.005	0.032	0.054
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	26	0.96	0.991	1.85	0.43	0.078	0.279	0.626	0.853	1.158	1.261
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	22	0.385	0.398	1.16	0.	0.101	0.318	0.02	0.126	0.576	0.938
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	18	0.05	0.06	0.207	0.	0.003	0.054	0.013	0.027	0.075	0.18
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	18	0.017	0.024	0.064	0.	0.	0.018	0.005	0.013	0.034	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	26	0.008	0.017	0.13	0.	0.001	0.027	0.004	0.004	0.021	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	24	108.	108.583	140.	58.	394.254	19.856	81.	97.	121.5	138.
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	16	6.25	5.888	7.3	4.1	1.237	1.112	4.17	4.725	6.8	7.16
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	26	5.	13.692	186.	3.	1267.582	35.603	3.	3.	9.25	20.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	25	6.3	7.072	15.	3.3	9.317	3.052	3.88	4.45	9.15	11.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	25	398.	391.64	805.	107.	31182.49	176.586	132.2	241.5	494.5	625.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	25	10.2	9.056	12.6	0.4	11.791	3.434	2.12	8.75	11.15	12.18
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	22	6.9	6.777	7.3	6.1	0.109	0.331	6.23	6.55	7.	7.17
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	22	6.9	6.647	7.3	6.1	0.127	0.357	6.23	6.55	7.	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	22	0.126	0.225	0.794	0.05	0.04	0.199	0.068	0.1	0.288	0.592
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	26	58.	55.077	80.	28.	127.754	11.303	38.8	49.	61.	68.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	21	4.	11.048	49.	0.	246.248	15.692	2.	2.	13.5	47.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	21	0.084	0.212	1.13	0.	0.103	0.321	0.034	0.052	0.167	0.918
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	26	0.013	0.02	0.087	0.005	0.	0.02	0.005	0.005	0.029	0.051
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	26	1.37	1.3	2.49	0.25	0.301	0.549	0.496	0.925	1.713	1.953
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	25	0.416	0.619	2.46	0.	0.395	0.629	0.02	0.067	1.027	1.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	20	0.06	0.064	0.252	0.	0.003	0.057	0.005	0.018	0.086	0.122
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	20	0.022	0.027	0.124	0.	0.001	0.027	0.005	0.011	0.039	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	24 ##	0.004	0.016	0.133	0.	0.001	0.031	0.004	0.004	0.009	0.06
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	23	126.	124.522	180.	64.	721.534	26.861	75.6	118.	140.	159.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	15	3.8	3.84	6.9	0.	3.988	1.997	0.	3.3	5.1	6.48
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	26	5.	12.435	66.	2.	260.751	16.148	3.	4.	16.25	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	18	17.35	16.317	20.9	11.1	11.38	3.373	11.37	12.4	19.15	20.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	17	327.	332.647	510.	130.	15148.743	123.08	133.2	235.	449.	486.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	18	7.05	6.944	10.7	0.2	5.666	2.38	3.08	6.3	7.8	10.34
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	16	6.75	6.719	7.4	6.1	0.128	0.358	6.17	6.425	6.95	7.26
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	16	6.747	6.585	7.4	6.1	0.147	0.384	6.17	6.425	6.95	7.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	16	0.179	0.26	0.794	0.04	0.047	0.216	0.056	0.115	0.378	0.68
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	17	60.	58.353	74.	48.	48.118	6.937	49.6	53.	62.	70.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	14 ##	2.	5.857	30.	2.	57.67	7.594	2.	2.	7.25	21.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	16	0.093	0.124	0.285	0.02	0.008	0.09	0.027	0.052	0.222	0.277
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	19	0.015	0.023	0.117	0.005	0.001	0.026	0.005	0.012	0.024	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	19	1.06	1.014	1.32	0.29	0.058	0.241	0.69	0.94	1.16	1.31
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	15	0.368	0.409	1.18	0.02	0.102	0.319	0.02	0.1	0.626	0.89
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	12	0.037	0.036	0.075	0.	0.001	0.023	0.002	0.014	0.058	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	12	0.02	0.019	0.051	0.	0.	0.013	0.002	0.012	0.024	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	19 ##	0.004	0.007	0.016	0.004	0.	0.005	0.004	0.004	0.012	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	18	121.	123.444	168.	64.	531.203	23.048	100.	111.5	134.	168.
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	12	5.45	5.383	7.4	2.3	3.385	1.84	2.51	3.55	7.2	7.37
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/83-08/06/90	17	5.	5.971	13.	1.2	8.62	2.936	2.64	4.	7.5	11.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0323

NPS Station ID: GWMP0323
LAT/LON: 38.878337/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.1 /P-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0323

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0324

NPS Station ID: GWMP0324
LAT/LON: 38.878893/ -77.042504
Agency: 1113PESE
Date Created: / /
Location: POTO.R. SHALLOWS BTW N10&TDL BSN
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /2B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 2.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0324

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0325

NPS Station ID: GWMP0325 LAT/LON: 38.881115/ -77.031393 Agency: 21DCBAWQ Date Created: 06/18/88
Location: WASHINGTON CHANNEL,WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PWC01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id: WASHINGTON CHANNEL/POTOMA
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.50 On/Off RF1:
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.02 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: DC WASHINGTON NEXT TO 14TH STREET BRIDGE
PARTICIPATING AGENCY: DC DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0325

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0326

NPS Station ID: GWMP0326 | LAT/LON: 38.881115/ -77.052226 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: SOUTH OF CABLE CROSSING, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS18
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0095.25
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010032 | RF1 Mile Point: 2.350 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010010900.00 | RF3 Mile Point: 0.54 | Distance from RF3: 0.05 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: SOUTH OF CABLE CROSSING, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	66	15.65	15.639	30.6	1.6	85.772	9.261	3.61	6.5	24.325	27.59
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.533	1.1	0.2	0.243	0.493	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	57	291.	295.07	522.	120.	8121.281	90.118	171.4	241.5	332.5	439.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.75	8.848	15.	1.2	9.932	3.151	3.93	7.25	11.175	12.88
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.921	8.9	7.1	0.182	0.426	7.4	7.6	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.749	8.9	7.1	0.212	0.46	7.4	7.6	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	53	0.016	0.018	0.079	0.001	0.	0.016	0.003	0.006	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0326

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	6	0.09	24	1	0.04	25	4	0.16	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.2	10.9	19.	6.5	49.33	7.024	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	250.	250.	350.	150.	20000.	141.421	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.5	11.867	15.	8.1	12.203	3.493	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	19.1	17.513	29.	3.7	112.438	10.604	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	150.	187.	291.	120.	8337.	91.307	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.45	9.625	13.4	6.8	5.965	2.442	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.7	11.833	18.5	5.3	43.573	6.601	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	261.	268.667	307.	238.	1234.333	35.133	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.1	10.867	12.6	8.9	3.463	1.861	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.9	8.1	7.8	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.879	8.1	7.8	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.016	0.013	0.016	0.008	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.7	15.264	28.8	1.6	121.553	11.025	1.78	4.8	27.2	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	331.	352.182	522.	252.	7462.764	86.387	256.	282.	432.	509.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.8	8.018	13.7	1.4	16.532	4.066	1.62	5.5	12.7	13.62
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.082	8.9	7.4	0.228	0.477	7.46	7.8	8.5	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.894	8.9	7.4	0.266	0.516	7.46	7.8	8.5	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.013	0.04	0.001	0.	0.011	0.001	0.003	0.016	0.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	12.25	14.575	29.4	2.3	100.742	10.037	2.57	6.6	26.05	28.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	272.	271.25	435.	145.	6356.205	79.726	160.3	203.75	310.	414.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.2	6.25	11.8	1.2	13.214	3.635	1.29	2.475	9.075	11.38
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.655	8.2	7.1	0.125	0.353	7.12	7.3	7.9	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.6	7.527	8.2	7.1	0.142	0.377	7.12	7.3	7.9	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.025	0.03	0.079	0.006	0.001	0.024	0.007	0.013	0.05	0.076

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.35	17.45	30.6	5.2	67.487	8.215	5.67	10.875	24.7	30.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	336.	338.4	515.	165.	14217.6	119.238	166.2	234.	455.25	509.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.35	8.94	11.7	5.7	3.509	1.873	5.77	7.525	10.5	11.58
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	7.978	8.5	7.3	0.159	0.399	7.3	7.7	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	7.816	8.5	7.3	0.189	0.435	7.3	7.7	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.01	0.015	0.05	0.003	0.	0.015	0.003	0.005	0.02	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	15.2	15.282	27.5	1.7	91.22	9.551	2.04	4.8	24.2	27.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	320.	303.556	340.	218.	1417.028	37.643	218.	288.5	331.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	10.018	13.9	7.8	3.546	1.883	7.9	8.4	10.9	13.58
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	8.1	8.8	7.6	0.158	0.397	7.62	7.7	8.4	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	7.958	8.8	7.6	0.18	0.424	7.62	7.7	8.4	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.01	0.011	0.025	0.002	0.	0.008	0.002	0.004	0.02	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.6	17.313	25.8	5.7	78.344	8.851	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	251.	243.857	312.	173.	1691.143	41.124	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.3	9.5	13.5	7.1	6.18	2.486	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.6	7.762	8.8	7.4	0.194	0.441	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.6	7.648	8.8	7.4	0.209	0.457	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.025	0.023	0.04	0.002	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.95	24.229	30.6	15.2	17.549	4.189	17.3	21.5	27.275	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	331.5	349.45	522.	199.	6897.524	83.051	252.2	295.	425.25	458.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.8	7.542	10.5	1.2	3.042	1.744	5.6	7.1	8.475	9.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.7	5.932	11.7	1.6	8.387	2.896	2.06	3.55	7.4	11.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	288.	282.217	515.	120.	7764.814	88.118	150.	238.	321.	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.8	10.176	15.	1.4	17.14	4.14	2.1	9.45	13.	13.78

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.3	17.788	29.	6.9	47.82	6.915	8.42	11.3	23.95	27.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	242.5	238.5	332.	145.	3474.423	58.944	155.	176.	285.25	326.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.8	8.741	11.4	2.2	4.938	2.222	5.88	7.7	10.5	11.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0327

NPS Station ID: GWMP0327 LAT/LON: 38.883337/ -76.976670 Agency: 21DCBAWQ Date Created: 10/28/86
Location: FORT DUPONT, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TDU01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 2.720 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010009700.00 RF3 Mile Point: 0.38 Distance from RF3: 0.16 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FORT DUPONT, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	51	11.	11.79	24.8	2.	51.921	7.206	2.86	5.4	18.5	23.24
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/16/85-07/21/86	5	0.5	0.46	0.8	0.	0.083	0.288	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	51	267.	308.059	768.	113.	24571.696	156.754	148.2	187.	371.	578.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	51	9.	8.351	12.6	0.2	10.844	3.293	3.56	6.3	11.	12.46
00310	BOD, 5 DAY, 20 DEG C MG/L	05/20/85-08/06/90	40	1.1	1.3	6.	0.5	1.428	1.195	0.5	0.5	1.5	2.39
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	45	6.9	6.873	7.8	5.6	0.155	0.393	6.3	6.7	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	45	6.9	6.649	7.8	5.6	0.206	0.454	6.3	6.7	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	45	0.126	0.224	2.512	0.016	0.147	0.383	0.05	0.063	0.2	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	52	42.	46.923	146.	14.	456.229	21.36	28.6	32.	59.5	74.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	41	5.	16.268	110.	2.	586.801	24.224	2.	2.	21.5	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	45	0.085	0.094	0.386	0.02	0.005	0.069	0.02	0.056	0.114	0.162
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	53 ##	0.005	0.011	0.124	0.005	0.	0.017	0.005	0.005	0.016	0.018
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	53	0.34	0.38	1.54	0.005	0.073	0.271	0.12	0.22	0.485	0.618
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	46	0.327	0.365	1.31	0.	0.072	0.269	0.025	0.177	0.491	0.718
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	38	0.038	0.109	1.31	0.	0.078	0.279	0.005	0.012	0.067	0.204
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	38	0.012	0.079	1.29	0.	0.068	0.261	0.005	0.005	0.03	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	51 ##	0.004	0.027	0.8	0.	0.013	0.113	0.004	0.004	0.009	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/83-02/21/84	4	4.5	5.75	11.	3.	12.917	3.594	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/83-02/21/84	4	5.	4.5	6.	2.	3.667	1.915	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	49	94.	97.224	146.	52.	570.803	23.891	68.	78.	113.	132.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/83-12/12/83	2	27.5	27.5	29.	26.	4.5	2.121	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	33	5.8	5.494	7.6	3.	1.156	1.075	3.9	4.8	6.15	6.82
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/21/86-10/24/89	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/17/83-05/07/90	13 ##	2.5	2.385	2.5	1.	0.173	0.416	1.6	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/83-05/07/90	13 ##	5.	6.115	22.	2.5	23.256	4.822	3.5	5.	5.	15.2
01042	COPPER, TOTAL (UG/L AS CU)	10/17/83-05/07/90	13 ##	12.5	9.462	18.	5.	20.644	4.544	5.	5.	12.5	15.8
01045	IRON, TOTAL (UG/L AS FE)	10/17/83-05/07/90	13	819.	1238.692	4717.	9.	1995100.064	1412.48	10.6	275.	1485.5	4278.2
01051	LEAD, TOTAL (UG/L AS PB)	10/17/83-05/07/90	13 ##	25.	23.269	25.	2.5	38.942	6.24	11.5	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/17/83-05/07/90	13	34.	56.692	173.	0.	2669.397	51.666	6.	20.	103.	151.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/86-10/24/89	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/17/83-07/17/89	5	2300.	6122.	22000.	110.	81901920.	9049.968	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/17/83-07/17/89	5	3.362	3.31	4.342	2.041	0.715	0.846	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2041.44								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	31	490.	9413.742	160000.	10.	897673026.798	29961.192	20.	70.	3300.	21800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	31	2.69	2.719	5.204	1.	1.198	1.094	1.301	1.845	3.519	4.335
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			523.237								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	2	17190.	17190.	31200.	3180.	392560200.	19813.132	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/07/90-08/06/90	2	3.998	3.998	4.494	3.502	0.492	0.701	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			9960.723								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/17/83-10/17/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/17/83-05/07/90	13 ##	0.1	0.123	0.4	0.1	0.007	0.083	0.1	0.1	0.1	0.28
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/14/83-08/06/90	51	16.	34.735	306.	4.4	3008.684	54.851	6.	9.	32.	93.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0327

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	51	5	0.10	12	0	0.00	24	2	0.08	15	3	0.20			
00400	PH	Other-Hi Lim.	9.	45	0	0.00	12	0	0.00	20	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	45	7	0.16	12	1	0.08	20	3	0.15	13	3	0.23			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	53	0	0.00	12	0	0.00	25	0	0.00	16	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	53	0	0.00	12	0	0.00	25	0	0.00	16	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	5.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	1	0.08	5	0	0.00	4	0	0.00	4	1	0.25			
		Drinking Water	1300.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	13	1	0.08	5	0	0.00	4	1	0.25	4	0	0.00			
		Drinking Water	5000.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	4	0.80	2	1	0.50	3	3	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	18	0.58	9	7	0.78	13	5	0.38	9	6	0.67			
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	2.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	51	8	0.16	11	3	0.27	25	4	0.16	15	1	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	12	22.15	20.55	24.8	11.8	18.27	4.274	12.28	18.625	23.875	24.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	12	319.5	370.583	768.	113.	43648.265	208.922	128.6	197.	527.5	741.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	12	7.1	7.083	9.6	4.9	2.234	1.495	4.96	5.85	7.9	9.57
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	12	7.25	7.042	7.3	6.1	0.141	0.375	6.28	6.775	7.3	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	12	7.247	6.834	7.3	6.1	0.188	0.433	6.28	6.775	7.3	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	12	0.057	0.146	0.794	0.05	0.045	0.212	0.05	0.05	0.175	0.616
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	12	58.	52.167	80.	14.	297.061	17.235	21.8	42.	60.	77.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	10	17.5	25.4	83.	2.	723.6	26.9	2.	3.5	39.75	79.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.062	0.062	0.135	0.02	0.001	0.033	0.02	0.028	0.08	0.122
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.012	0.011	0.022	0.005	0.	0.006	0.005	0.005	0.018	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	12	0.33	0.434	1.26	0.03	0.096	0.31	0.093	0.263	0.57	1.074
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	10	0.585	0.526	0.83	0.	0.065	0.255	0.028	0.35	0.735	0.828
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	10	0.079	0.297	1.31	0.	0.254	0.504	0.002	0.036	0.381	1.298
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	10	0.031	0.254	1.29	0.	0.232	0.482	0.001	0.011	0.302	1.264
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	12	0.009	0.085	0.8	0.	0.052	0.228	0.001	0.004	0.029	0.596
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	11	102.	100.	132.	52.	665.6	25.799	57.2	78.	126.	132.
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	10	5.35	5.17	6.5	3.2	1.118	1.057	3.27	4.35	6.	6.48
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	9	3300.	7453.111	23000.	10.	80487062.111	8971.458	10.	284.	17000.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	9	3.519	3.192	4.362	1.	1.329	1.153	1.	2.291	4.23	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1555.794								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/14/83-08/06/90	11	30.	47.727	144.	10.	1742.818	41.747	11.6	23.	84.	134.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	24	4.8	5.638	14.	2.	10.351	3.217	2.25	3.1	7.475	10.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	24	283.5	305.625	610.	120.	20543.81	143.331	136.5	168.75	386.	542.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	24	11.1	9.983	12.6	0.5	10.053	3.171	3.7	9.05	12.225	12.55
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	20	6.85	6.83	7.2	6.2	0.083	0.289	6.32	6.625	7.075	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	20	6.847	6.731	7.2	6.2	0.094	0.306	6.32	6.625	7.075	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	20	0.142	0.186	0.631	0.063	0.022	0.149	0.063	0.085	0.238	0.483
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	25	40.	42.32	82.	24.	207.227	14.395	27.6	31.	48.	66.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	20	7.	17.75	110.	2.	770.934	27.766	2.	2.	22.25	70.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	20	0.097	0.096	0.191	0.02	0.002	0.049	0.02	0.063	0.133	0.165
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	25 ##	0.005	0.008	0.018	0.005	0.	0.005	0.005	0.005	0.012	0.016
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	25	0.46	0.468	1.54	0.05	0.075	0.273	0.198	0.33	0.54	0.674
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	24	0.28	0.319	1.31	0.	0.081	0.285	0.027	0.069	0.464	0.625
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	19	0.016	0.044	0.292	0.	0.006	0.074	0.005	0.006	0.044	0.194
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	19	0.012	0.018	0.082	0.	0.	0.019	0.005	0.005	0.028	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	23 ##	0.004	0.013	0.12	0.004	0.001	0.026	0.004	0.004	0.007	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	23	100.	99.913	144.	62.	509.265	22.567	66.	80.	118.	134.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	14	5.45	5.307	7.6	3.	1.41	1.187	3.45	4.525	5.85	7.25
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	13	130.	4397.923	54000.	18.	222240982.744	14907.749	18.8	42.5	490.	32920.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	13	2.114	2.282	4.732	1.255	0.855	0.925	1.274	1.628	2.69	4.085
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			191.602								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/14/83-08/06/90	25	9.	37.244	306.	5.	5209.272	72.175	5.	7.05	21.	147.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/83-08/06/90	15	14.4	14.627	20.6	8.8	14.782	3.845	9.88	11.	18.2	20.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/83-08/06/90	15	248.	261.933	610.	122.	14069.924	118.617	138.8	187.	270.	488.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/17/83-08/06/90	15	7.6	6.753	10.8	0.2	11.777	3.432	0.32	4.4	9.9	10.56
00400	PH (STANDARD UNITS)	10/17/83-08/06/90	13	6.8	6.785	7.8	5.6	0.266	0.516	5.88	6.55	7.1	7.56
00400	CONVERTED PH (STANDARD UNITS)	10/17/83-08/06/90	13	6.8	6.449	7.8	5.6	0.388	0.623	5.88	6.55	7.1	7.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/83-08/06/90	13	0.158	0.356	2.512	0.016	0.436	0.66	0.035	0.082	0.284	1.708
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/83-08/06/90	15	36.	50.4	146.	26.	998.971	31.607	27.2	30.	70.	105.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/83-08/06/90	11	4.	5.273	12.	2.	10.418	3.228	2.	2.	8.	11.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	13	0.094	0.12	0.386	0.02	0.011	0.104	0.033	0.059	0.122	0.35
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	16 ##	0.005	0.017	0.124	0.005	0.001	0.029	0.005	0.005	0.018	0.051
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/17/83-08/06/90	16	0.185	0.204	0.44	0.005	0.015	0.124	0.037	0.12	0.29	0.433
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/17/83-08/06/90	12	0.333	0.321	0.734	0.023	0.043	0.208	0.024	0.114	0.445	0.651
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/83-08/06/90	9	0.045	0.037	0.068	0.	0.	0.022	0.	0.016	0.052	0.068
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/17/83-08/06/90	9	0.012	0.013	0.031	0.	0.	0.01	0.	0.005	0.021	0.031
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/83-08/06/90	16 ##	0.004	0.006	0.017	0.004	0.	0.004	0.004	0.004	0.006	0.016
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/30/84-08/06/90	15	80.	91.067	146.	66.	622.781	24.956	67.2	70.	108.	137.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/17/83-08/06/90	9	6.1	6.144	7.4	5.2	0.405	0.637	5.2	5.75	6.45	7.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	9	940.	18619.444	160000.	20.	2811880190.278	53027.165	20.	107.5	2300.	160000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/17/83-11/06/89	9	2.973	2.876	5.204	1.301	1.29	1.136	1.301	1.942	3.316	5.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			751.025								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/14/83-08/06/90	15	17.	21.027	60.	4.4	225.039	15.001	5.36	12.	22.	49.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0328

NPS Station ID: GWMP0328
LAT/LON: 38.883337/ -77.028892
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF EAST POTOMAC PARK,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /3A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010073500.00
RF3 Mile Point: 1.48
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	10.	9.559	14.5	5.	6.059	2.461	5.4	8.	11.	13.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	16	0.108	0.112	0.271	0.034	0.004	0.061	0.039	0.059	0.151	0.203
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	15	0.75	0.587	1.07	0.01	0.157	0.396	0.016	0.1	0.92	1.022
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	16	0.26	0.238	0.4	0.09	0.01	0.099	0.097	0.135	0.308	0.393
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.41	0.393	0.44	0.33	0.003	0.057	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0328

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00				15	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0329

NPS Station ID: GWMP0329
LAT/LON: 38.884448/ -77.041671
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101036.0 /TB
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0329

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0330

NPS Station ID: GWMP0330 LAT/LON: 38.886949/ -77.039726 Agency: 21DCBAWQ Date Created: 10/28/86
Location: POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PTB01 /TB
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 3.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 0.83 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	68	17.2	16.91	31.5	0.3	86.404	9.295	3.78	7.325	25.375	28.23
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	68	294.5	309.279	525.	125.	5733.876	75.722	234.5	270.25	330.25	429.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	64	10.05	9.622	14.	0.8	5.472	2.339	6.6	7.8	11.3	12.15
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	64	2.2	2.791	8.8	0.	2.986	1.728	1.1	1.6	3.875	5.2
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	66	7.9	7.862	9.	2.5	0.736	0.858	7.37	7.6	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	66	7.9	4.319	9.	2.5	13.481	3.672	7.37	7.6	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	66	0.013	47.941	3162.278	0.001	151512.424	389.246	0.002	0.005	0.025	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	67	76.	72.985	120.	4.	455.742	21.348	53.6	60.	87.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	50	11.	13.14	51.	0.	129.347	11.373	2.	7.25	15.	30.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	55	0.046	0.05	0.172	0.	0.001	0.035	0.02	0.02	0.07	0.103
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	67	0.016	0.02	0.08	0.005	0.	0.015	0.005	0.011	0.025	0.031
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	67	1.09	1.149	5.09	0.07	0.504	0.71	0.426	0.77	1.49	1.818
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	55	0.54	0.542	1.3	0.02	0.139	0.373	0.02	0.282	0.832	1.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-09/18/90	43	0.071	0.072	0.119	0.022	0.001	0.025	0.037	0.054	0.092	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-09/18/90	44	0.03	0.037	0.198	0.005	0.001	0.032	0.008	0.02	0.045	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	63	0.01	0.016	0.168	0.	0.001	0.025	0.004	0.004	0.021	0.036
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/20/83-12/20/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/83-12/20/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	67	126.	126.94	194.	80.	642.572	25.349	96.	108.	139.	163.4
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/83-12/20/83	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-09/18/90	37	2.2	2.042	5.6	0.05	1.51	1.229	0.18	1.05	2.8	3.48
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-07/10/90	13 ##	2.5	2.385	2.5	1.	0.173	0.416	1.6	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-07/10/90	13 ##	5.	5.577	15.	2.5	8.494	2.914	3.5	5.	5.	11.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-07/10/90	13 ##	12.5	9.038	12.5	5.	15.144	3.892	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	04/23/85-07/10/90	13	306.	424.692	1500.	188.	120409.731	347.001	195.6	240.	472.5	1138.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-07/10/90	13 ##	25.	23.538	25.	6.	27.769	5.27	13.6	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-07/10/90	13	20.	31.462	140.	0.	1290.936	35.93	2.4	12.5	42.5	104.8
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/20/83-12/20/83	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/20/83-12/20/83	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1400.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	31	330.	1203.177	14000.	9.5	7072324.342	2659.384	20.	50.	932.	4170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	31	2.519	2.453	4.146	0.978	0.64	0.8	1.301	1.699	2.969	3.608
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			283.801								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	3800.	4116.667	8400.	2000.	5265666.667	2294.704	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	3.577	3.566	3.924	3.301	0.048	0.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			3678.066								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/84-10/21/86	13	10.	11.808	29.	0.5	78.564	8.864	0.7	5.5	18.5	27.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/13/84-10/21/86	14	29.5	26.5	71.	2.	329.5	18.152	3.	10.5	35.	55.5
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-10/17/89	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	68	12.	15.162	72.	3.	105.929	10.292	8.	10.	17.	22.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0330

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	1	0.02	22	0	0.00	24	1	0.04	18	0	0.00			
00400	PH	Other-Hi Lim.	9.	66	1	0.02	25	0	0.00	24	0	0.00	17	1	0.06			
		Other-Lo Lim.	6.5	66	2	0.03	25	0	0.00	24	2	0.08	17	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	67	0	0.00	25	0	0.00	24	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	67	0	0.00	25	0	0.00	24	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	5.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	1300.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	13	1	0.08	7	1	0.14	3	0	0.00	3	0	0.00			
		Drinking Water	5000.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30 &	18	0.60	12	9	0.75	10	4	0.40	8	5	0.63			
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	2.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	68	2	0.03	25	0	0.00	25	2	0.08	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	1	0.172	0.172	0.172	0.172	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	1	1.71	1.71	1.71	1.71	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	1	0.326	0.326	0.326	0.326	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	1	17.	17.	17.	17.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	2	22.8	22.8	27.7	17.9	48.02	6.93	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	2	353.	353.	456.	250.	21218.	145.664	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	2	10.1	10.1	11.6	8.6	4.5	2.121	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	2	8.4	8.4	8.6	8.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	2	8.355	8.355	8.6	8.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	2	0.004	0.004	0.006	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	2	100.	100.	120.	80.	800.	28.284	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	2	0.035	0.035	0.046	0.024	0.	0.016	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	2	0.022	0.022	0.033	0.011	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	2	1.09	1.09	1.39	0.79	0.18	0.424	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	2	0.944	0.944	1.06	0.827	0.027	0.165	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	2	0.011	0.011	0.014	0.007	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	2	154.	154.	174.	134.	800.	28.284	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	2	9.	9.	12.	6.	18.	4.243	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	9	23.1	20.444	28.7	4.9	53.36	7.305	4.9	15.55	24.9	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	9	310.	317.667	470.	158.	9029.75	95.025	158.	269.5	383.5	470.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	8	9.25	9.588	12.2	7.3	3.498	1.87	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	3.8	3.833	8.8	0.	7.673	2.77	0.	1.35	5.85	8.8
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	8	7.9	7.9	8.7	7.5	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	8	7.9	7.792	8.7	7.5	0.156	0.395	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	8	0.013	0.016	0.032	0.002	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	9	74.	67.111	94.	4.	663.111	25.751	4.	63.	80.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	9	10.	9.556	17.	0.	32.028	5.659	0.	5.	14.	17.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9 ##	0.02	0.029	0.062	0.02	0.	0.015	0.02	0.02	0.04	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	0.015	0.022	0.08	0.005	0.001	0.023	0.005	0.009	0.024	0.08
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	0.65	0.819	1.85	0.21	0.279	0.529	0.21	0.415	1.19	1.85
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	9	0.814	0.838	1.3	0.47	0.071	0.266	0.47	0.631	1.056	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	9	0.01	0.021	0.08	0.004	0.001	0.026	0.004	0.004	0.035	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	9	130.	133.333	183.	116.	402.75	20.069	116.	121.	137.	183.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	9	12.	12.222	17.	8.	7.944	2.819	8.	10.5	14.5	17.

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Annual Analysis for 1986 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	11	18.3	17.591	28.5	1.2	98.909	9.945	2.06	6.6	28.	28.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	11	321.	337.909	519.	276.	5287.291	72.714	277.2	289.	354.	499.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	10	9.75	9.16	12.5	5.8	6.683	2.585	5.86	6.55	11.825	12.47
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	10	1.85	2.36	5.2	0.	3.147	1.774	0.05	1.025	4.05	5.16
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	11	7.8	7.409	9.	2.5	2.999	1.732	3.38	7.3	8.4	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	11	7.8	3.541	9.	2.5	19.454	4.411	3.38	7.3	8.4	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	11	0.016	287.505	3162.278	0.001	909074.968	953.454	0.001	0.004	0.05	2529.847
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	11	80.	80.182	97.	68.	74.564	8.635	68.4	72.	86.	95.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	10	10.5	14.	51.	0.	239.111	15.463	0.	1.5	20.25	48.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	10	0.062	0.065	0.125	0.	0.002	0.045	0.002	0.02	0.111	0.124
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	10	0.025	0.029	0.066	0.005	0.	0.02	0.006	0.017	0.036	0.066
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	10	0.655	0.741	1.81	0.07	0.345	0.588	0.079	0.175	1.225	1.78
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	10	0.714	0.705	1.11	0.052	0.122	0.349	0.085	0.432	1.02	1.108
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	10 ##	0.004	0.007	0.033	0.	0.	0.01	0.	0.004	0.006	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	11	130.	133.091	192.	80.	763.291	27.628	87.6	119.	150.	184.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	11	14.	13.818	22.	10.	15.164	3.894	10.	10.	15.	21.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	12	13.85	15.508	30.2	0.3	105.606	10.276	1.62	5.25	25.35	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	12	286.	311.5	467.	219.	6365.182	79.782	221.4	257.5	384.25	455.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	12	11.45	10.525	14.	6.6	6.288	2.507	6.69	8.125	11.975	13.91
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	2.4	2.758	4.8	1.	1.283	1.133	1.21	2.	3.75	4.62
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	11	7.6	7.727	8.7	6.9	0.244	0.494	7.	7.4	8.1	8.62
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	11	7.6	7.51	8.7	6.9	0.296	0.544	7.	7.4	8.1	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	11	0.025	0.031	0.126	0.002	0.001	0.034	0.003	0.008	0.04	0.109
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	12	74.5	69.167	107.	10.	990.879	31.478	10.	61.	90.75	106.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	5	15.	17.	40.	2.	266.	16.31	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	0.042	0.041	0.091	0.02	0.001	0.024	0.02	0.02	0.055	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	0.016	0.016	0.03	0.005	0.	0.01	0.005	0.005	0.026	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	1.13	1.303	2.43	0.58	0.311	0.558	0.652	0.913	1.718	2.325
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	6 ##	0.159	0.255	0.701	0.02	0.081	0.284	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	12	0.011	0.012	0.036	0.004	0.	0.01	0.004	0.004	0.018	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	12	125.	128.75	173.	96.	758.023	27.532	96.	100.5	156.5	169.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	12	15.5	20.833	72.	7.	322.152	17.949	7.6	12.	20.75	61.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	12	14.7	16.225	31.5	2.1	105.457	10.269	2.61	7.1	26.1	31.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	12	313.	340.833	525.	249.	5600.697	74.838	258.3	285.25	390.25	486.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	12	10.75	10.342	12.5	6.1	3.141	1.772	6.61	9.975	11.225	12.38
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	2.5	3.236	6.	1.4	2.693	1.641	1.44	1.8	5.	5.84
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	12	8.1	8.175	8.9	7.6	0.217	0.465	7.6	7.8	8.7	8.84
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	12	8.1	7.986	8.9	7.6	0.256	0.506	7.6	7.8	8.7	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	12	0.008	0.01	0.025	0.001	0.	0.009	0.001	0.002	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	12	88.5	83.5	110.	56.	240.636	15.512	56.9	72.5	92.	105.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	3	8.	15.333	36.	2.	329.333	18.148	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	3	0.05	0.048	0.073	0.02	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	0.018	0.018	0.04	0.005	0.	0.011	0.005	0.007	0.026	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	0.985	1.123	1.97	0.45	0.228	0.477	0.519	0.785	1.608	1.919
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	11 ##	0.025	0.096	0.507	0.02	0.026	0.16	0.02	0.02	0.063	0.467
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	10 ##	0.004	0.01	0.036	0.004	0.	0.011	0.004	0.004	0.015	0.035
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	12	135.	139.667	194.	96.	743.879	27.274	97.8	130.75	151.	189.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	12	10.5	14.25	54.	3.	174.932	13.226	4.5	9.25	11.75	44.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	12	14.95	15.933	28.1	1.9	96.935	9.846	2.29	5.425	26.05	27.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	12	286.	284.5	350.	235.	1106.455	33.263	236.2	253.75	303.75	340.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	10	9.6	9.25	11.3	7.1	2.361	1.536	7.14	7.725	10.675	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	1.65	1.842	3.9	0.6	0.764	0.874	0.78	1.2	2.3	3.57
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	12	7.9	7.908	8.9	6.2	0.412	0.642	6.65	7.725	8.275	8.75
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	12	7.9	7.203	8.9	6.2	0.955	0.977	6.65	7.725	8.275	8.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	12	0.013	0.063	0.631	0.001	0.032	0.179	0.002	0.005	0.019	0.448
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	11	74.	69.455	92.	54.	146.473	12.103	54.8	58.	78.	89.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	11	12.	13.273	31.	2.	58.218	7.63	3.2	8.	14.	29.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	0.065	0.052	0.096	0.02	0.001	0.029	0.02	0.02	0.073	0.092
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	0.015	0.018	0.074	0.005	0.	0.019	0.005	0.007	0.018	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	12	1.225	1.268	1.71	0.82	0.073	0.271	0.862	1.093	1.483	1.695
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	7	0.52	0.586	1.06	0.357	0.058	0.242	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	10	0.025	0.039	0.168	0.004	0.002	0.049	0.004	0.011	0.047	0.158
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	12	112.	112.833	140.	90.	227.97	15.099	91.2	102.	124.5	137.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	12	12.	14.75	34.	8.	56.932	7.545	8.	9.5	19.25	30.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	9	16.4	16.644	29.8	5.8	70.878	8.419	5.8	8.9	23.65	29.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	9	273.	264.667	315.	210.	1165.75	34.143	210.	237.5	292.	315.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	9	10.	9.289	11.9	5.8	3.976	1.994	5.8	7.45	10.7	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	2.	2.889	5.9	1.3	2.924	1.71	1.3	1.7	4.7	5.9
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	9	7.9	8.033	8.9	7.4	0.292	0.541	7.4	7.5	8.55	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	9	7.9	7.798	8.9	7.4	0.355	0.596	7.4	7.5	8.55	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	9	0.013	0.016	0.04	0.001	0.	0.015	0.001	0.003	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	9	58.	64.222	94.	50.	212.444	14.575	50.	54.	75.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	9	14.	14.778	46.	4.	154.194	12.418	4.	7.5	15.	46.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	0.054	0.053	0.114	0.02	0.001	0.031	0.02	0.02	0.068	0.114
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	0.016	0.017	0.025	0.011	0.	0.004	0.011	0.014	0.019	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	9	1.33	1.553	5.09	0.23	2.014	1.419	0.23	0.705	1.685	5.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	9	0.626	0.7	1.02	0.328	0.058	0.241	0.328	0.52	0.916	1.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	9 ##	0.004	0.009	0.021	0.004	0.	0.007	0.004	0.004	0.018	0.021
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	9	106.	106.444	128.	90.	165.778	12.875	90.	96.	118.	128.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	9	15.	15.111	21.	7.	24.361	4.936	7.	11.	20.	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	25	25.3	24.32	31.5	12.5	30.393	5.513	15.26	20.45	28.35	30.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	25	340.	353.92	519.	250.	4794.16	69.24	277.2	302.	397.	460.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	22	8.25	8.727	14.	5.8	4.834	2.199	5.89	7.05	10.725	11.51
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	25	8.1	8.096	8.9	7.3	0.157	0.396	7.6	7.9	8.3	8.78
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	25	8.1	7.939	8.9	7.3	0.183	0.427	7.6	7.9	8.3	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	25	0.008	0.012	0.05	0.001	0.	0.011	0.002	0.005	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	25	80.	79.68	120.	4.	626.977	25.04	41.2	76.	93.	101.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	18	11.	13.778	46.	0.	130.418	11.42	0.	8.	18.25	32.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	21	0.034	0.049	0.114	0.	0.001	0.037	0.02	0.02	0.086	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	25	0.018	0.024	0.08	0.005	0.	0.02	0.005	0.013	0.03	0.065
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	25	0.82	0.922	5.09	0.07	0.884	0.94	0.19	0.5	1.095	1.312
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	21	0.814	0.686	1.17	0.02	0.143	0.379	0.02	0.51	1.003	1.084
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-09/18/90	17	0.09	0.083	0.119	0.042	0.001	0.023	0.045	0.064	0.098	0.113
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-09/18/90	17	0.03	0.046	0.198	0.005	0.002	0.045	0.011	0.026	0.053	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	24	0.005	0.016	0.168	0.	0.001	0.034	0.004	0.004	0.014	0.038
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	25	139.	140.2	192.	80.	701.167	26.48	103.2	124.	156.5	180.
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-09/18/90	15	1.6	1.987	4.	0.7	1.164	1.079	0.76	1.	2.9	3.58
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	12	683.5	2071.417	14000.	50.	15663374.992	3957.698	50.	137.5	1375.	11180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	12	2.817	2.772	4.146	1.699	0.557	0.746	1.699	2.117	3.138	4.001
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			591.177								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	25	12.	13.72	22.	6.	19.96	4.468	10.	11.	17.	22.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	25	5.8	6.828	13.7	0.3	17.519	4.186	1.62	3.7	11.85	13.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	25	288.	293.64	525.	125.	4725.073	68.739	246.8	266.	307.	370.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	24	10.9	10.733	13.7	0.8	5.749	2.398	9.1	10.275	11.975	12.5
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	24	7.6	7.358	8.7	2.5	1.298	1.139	6.55	7.425	7.8	8.05
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	24	7.6	3.88	8.7	2.5	13.923	3.731	6.55	7.425	7.8	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	24	0.025	131.819	3162.278	0.002	416650.938	645.485	0.009	0.016	0.038	0.378
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	24	70.	67.	110.	10.	438.522	20.941	41.	56.	79.75	95.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	19	8.	11.053	40.	0.	134.275	11.588	2.	2.	15.	36.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	19	0.055	0.057	0.172	0.02	0.001	0.034	0.02	0.041	0.07	0.074
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	24	0.013	0.014	0.074	0.005	0.	0.014	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	24	1.675	1.565	2.43	0.77	0.155	0.394	0.86	1.338	1.808	2.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	20	0.355	0.324	0.701	0.02	0.047	0.218	0.025	0.055	0.492	0.612
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-09/18/90	15	0.066	0.061	0.108	0.022	0.001	0.026	0.023	0.034	0.074	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-09/18/90	16	0.04	0.036	0.082	0.005	0.	0.019	0.009	0.023	0.047	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	21	0.021	0.024	0.08	0.004	0.	0.02	0.004	0.011	0.034	0.06
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	24	116.	120.708	194.	94.	584.129	24.169	97.	103.	130.75	161.5
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-09/18/90	11	2.6	2.636	5.6	0.1	1.891	1.375	0.4	2.1	3.4	5.24
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	11	170.	428.136	2450.	9.5	506078.205	711.392	11.6	20.	490.	2118.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	11	2.23	2.151	3.389	0.978	0.544	0.738	1.042	1.301	2.69	3.291
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			141.704								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	25	13.	18.	72.	3.	251.	15.843	7.6	9.	17.	44.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-09/18/90	18	21.3	20.622	28.	10.9	28.074	5.298	11.26	16.55	25.525	26.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-09/18/90	18	272.5	269.	470.	158.	4151.176	64.43	204.8	229.25	289.75	332.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-09/18/90	18	9.5	9.233	12.2	6.4	3.587	1.894	6.58	7.75	10.775	11.84
00400	PH (STANDARD UNITS)	12/20/83-09/18/90	17	8.4	8.229	9.	7.4	0.28	0.529	7.4	7.75	8.7	8.92
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-09/18/90	17	8.4	7.946	9.	7.4	0.365	0.604	7.4	7.75	8.7	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-09/18/90	17	0.004	0.011	0.04	0.001	0.	0.013	0.001	0.002	0.018	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-09/18/90	18	72.	71.667	92.	50.	172.588	13.137	55.4	58.	81.75	91.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-09/18/90	13	13.	15.308	51.	2.	129.397	11.375	5.2	10.5	15.	37.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	15 ##	0.02	0.043	0.125	0.02	0.001	0.034	0.02	0.02	0.067	0.108
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	18	0.02	0.02	0.03	0.013	0.	0.005	0.013	0.015	0.025	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-09/18/90	18	0.935	0.909	1.5	0.18	0.118	0.344	0.414	0.673	1.143	1.464
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-09/18/90	14	0.682	0.635	1.3	0.02	0.172	0.415	0.02	0.273	0.956	1.205
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-09/18/90	11	0.067	0.07	0.116	0.045	0.	0.02	0.045	0.054	0.079	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-09/18/90	11	0.019	0.023	0.047	0.005	0.	0.015	0.005	0.01	0.034	0.046
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-09/18/90	18 ##	0.004	0.007	0.025	0.004	0.	0.007	0.004	0.004	0.01	0.024
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-09/18/90	18	122.	116.833	139.	90.	292.971	17.116	90.	96.	131.25	135.4
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-09/18/90	11	1.5	1.523	2.8	0.05	1.227	1.108	0.06	0.2	2.5	2.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	8	510.	966.5	4900.	20.	2672863.714	1634.89	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-01/23/90	8	2.63	2.39	3.69	1.301	0.77	0.878	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			245.303								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-09/18/90	18	13.5	13.222	20.	7.	16.065	4.008	7.9	10.5	16.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0331

NPS Station ID: GWMP0331
LAT/LON: 38.886949/ -77.055976
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT MEMORIAL BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-002B /02B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 3.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004003.03
RF3 Mile Point: 3.02
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	84	20.5	19.66	30.5	2.5	57.944	7.612	7.5	15.125	25.65	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	27	11.	18.374	69.	2.1	312.199	17.669	5.32	6.9	26.	50.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	50	17.	19.856	120.	3.3	328.221	18.117	6.55	10.	23.25	34.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/29/71-12/02/76	30	22.5	26.867	108.	6.	504.602	22.463	10.1	12.	27.75	58.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	24	0.705	0.707	2.2	0.28	0.178	0.422	0.28	0.31	0.873	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	13	350.	319.462	461.	191.	5884.936	76.713	194.6	255.	360.	425.
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/22/71-06/10/71	8	0.25	0.213	0.3	0.	0.012	0.109	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	8	7.25	7.313	9.8	5.2	1.904	1.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	121	8.1	8.701	14.4	1.6	4.789	2.188	6.6	7.1	9.8	11.84
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	22	1.95	2.118	7.9	0.4	2.482	1.575	0.5	1.125	2.725	3.34
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/72-09/15/81	16	7.56	7.585	9.06	6.35	0.46	0.679	6.525	7.213	7.95	8.612
00400	CONVERTED PH (STANDARD UNITS)	03/16/72-09/15/81	16	7.56	7.153	9.06	6.35	0.66	0.812	6.525	7.212	7.95	8.612
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/72-09/15/81	16	0.028	0.07	0.447	0.001	0.014	0.117	0.003	0.011	0.061	0.31
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/09/80	4	0.07	0.068	0.08	0.05	0.	0.013	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	61 ##	0.02	0.032	0.137	0.01	0.001	0.029	0.02	0.02	0.029	0.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/71-06/23/76	54	0.07	0.08	0.512	0.001	0.005	0.07	0.039	0.045	0.091	0.132
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	64 ##	0.01	0.011	0.027	0.005	0.	0.005	0.005	0.01	0.013	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	64	0.535	0.575	1.47	0.08	0.103	0.32	0.23	0.28	0.68	1.105
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	57	0.32	0.302	0.568	0.001	0.01	0.098	0.1	0.264	0.352	0.406
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	116	0.46	0.499	1.121	0.231	0.031	0.177	0.32	0.359	0.62	0.749
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/71-12/02/76	55	0.88	0.856	1.63	0.001	0.175	0.419	0.202	0.54	1.17	1.388
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	99	0.27	0.301	1.01	0.04	0.022	0.147	0.16	0.22	0.35	0.45
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	38	0.1	0.096	0.18	0.05	0.001	0.037	0.05	0.06	0.113	0.16
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/71-12/02/76	55	0.08	0.094	0.31	0.008	0.005	0.074	0.01	0.04	0.14	0.184
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	19	0.065	0.071	0.154	0.05	0.001	0.023	0.054	0.06	0.074	0.094
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	19	0.027	0.033	0.088	0.014	0.	0.019	0.016	0.023	0.034	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	19	0.013	0.02	0.084	0.004	0.	0.022	0.004	0.007	0.023	0.072
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	101	5.3	5.325	12.9	0.5	5.132	2.265	2.6	3.75	6.5	7.58
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/14/79-08/14/79	34	1.9	2.25	5.4	0.5	3.082	1.756	0.5	0.5	4.025	4.8
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	47	23.2	22.819	30.7	15.5	18.018	4.245	16.6	19.5	25.5	29.3
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3071.	2923.667	3910.	1640.	568232.667	753.812	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	2845.	2845.	4900.	790.	8446050.	2906.209	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.294	3.294	3.69	2.898	0.314	0.56	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1967.486								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	1660.	1660.	3300.	20.	5379200.	2319.31	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.41	2.41	3.519	1.301	2.459	1.568	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.905								
32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	43	0.015	0.017	0.063	0.	0.	0.012	0.003	0.01	0.022	0.028
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	44 ##	0.03	0.055	0.325	0.02	0.004	0.06	0.02	0.02	0.056	0.151

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0331

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	27	2	0.07	12	0	0.00	5	0	0.00	10	2	0.20			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	50	2	0.04	43	1	0.02				7	1	0.14			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	7	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	1	0.01	72	1	0.01	14	0	0.00	35	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	1	0.06	11	1	0.09	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	16	1	0.06	11	1	0.09	2	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	64	0	0.00	55	0	0.00				9	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	64	0	0.00	55	0	0.00				9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	55	0	0.00	21	0	0.00	14	0	0.00	20	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	17	17.6	18.982	27.5	8.5	22.635	4.758	13.7	16.5	21.9	27.5
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	16	7.8	7.706	11.6	1.6	6.707	2.59	3.77	6.225	9.525	11.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	7	0.741	0.731	1.121	0.235	0.116	0.341	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	8	0.18	0.28	0.56	0.11	0.039	0.198	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	8	6.55	5.913	11.3	1.1	10.804	3.287	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	14	17.25	16.2	25.5	3.	71.114	8.433	3.5	7.375	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	15	10.5	10.487	14.4	6.6	6.791	2.606	7.44	8.1	13.2	14.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	15	0.569	0.591	0.8	0.36	0.02	0.141	0.384	0.462	0.74	0.782
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	15	0.26	0.277	0.49	0.16	0.01	0.099	0.16	0.2	0.36	0.46
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	15	6.6	7.24	12.9	4.	6.411	2.532	4.36	5.2	7.7	11.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	17	15.5	15.941	26.5	5.	54.34	7.372	5.4	9.25	24.	26.5
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	17	9.5	9.924	13.	7.	3.716	1.928	7.4	8.15	11.55	13.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	17	0.558	0.54	0.861	0.283	0.035	0.186	0.291	0.362	0.722	0.785
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	17	0.26	0.359	1.01	0.14	0.065	0.255	0.148	0.19	0.42	0.858
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	17	6.1	6.124	9.8	3.4	3.351	1.83	3.8	4.3	7.2	9.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	8	24.	20.375	28.5	3.	88.196	9.391	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	8	8.35	9.762	14.1	6.1	9.234	3.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	9	0.515	0.554	0.876	0.421	0.018	0.134	0.421	0.48	0.592	0.876
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	9	0.23	0.261	0.39	0.15	0.007	0.084	0.15	0.205	0.355	0.39
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	9	5.9	6.089	10.	3.5	3.009	1.735	3.5	5.3	6.55	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	4	27.75	27.375	28.5	25.5	1.729	1.315	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	4	8.	7.925	8.5	7.2	0.296	0.544	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	4	0.478	0.495	0.624	0.401	0.009	0.096	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	4	0.305	0.32	0.46	0.21	0.017	0.129	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	4	7.05	5.8	8.2	0.9	11.1	3.332	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	2	15.25	15.25	28.	2.5	325.125	18.031	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	2	11.1	11.1	14.1	8.1	18.	4.243	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	2	0.403	0.403	0.475	0.331	0.01	0.102	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	2	0.245	0.245	0.45	0.04	0.084	0.29	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	2	5.2	5.2	6.4	4.	2.88	1.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	13	23.2	21.892	30.	14.	29.439	5.426	14.	17.25	26.9	28.96
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	43	7.4	7.83	11.	6.1	1.44	1.2	6.8	7.	8.5	9.86
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	45	0.428	0.447	0.705	0.231	0.018	0.133	0.26	0.346	0.598	0.64
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	44	0.285	0.3	0.65	0.14	0.009	0.094	0.225	0.24	0.318	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	41	4.2	4.207	7.3	0.5	2.033	1.426	2.36	3.5	5.05	6.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	4	29.9	29.55	30.5	27.9	1.457	1.207	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	11	8.1	8.227	10.	6.3	1.684	1.298	6.32	7.2	9.5	9.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	10	0.356	0.358	0.424	0.236	0.003	0.057	0.245	0.326	0.417	0.424
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	5	3.1	3.38	5.8	2.4	1.937	1.392	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	5	25.7	25.02	29.3	19.	14.177	3.765	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	5	8.9	8.86	11.1	6.8	2.873	1.695	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	7	0.447	0.457	0.758	0.272	0.027	0.164	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	38	26.	24.418	30.5	13.3	26.473	5.145	14.	23.5	27.925	29.46
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	72	7.5	7.818	11.1	1.6	2.235	1.495	6.6	7.	8.675	9.97
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	15	2.2	2.113	3.4	0.5	0.776	0.881	0.68	1.4	2.8	3.28
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	50	0.322	0.311	0.439	0.001	0.007	0.082	0.227	0.274	0.352	0.403
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	74	0.435	0.487	1.121	0.236	0.029	0.17	0.326	0.36	0.608	0.726
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	58	0.275	0.294	0.65	0.14	0.008	0.092	0.21	0.238	0.33	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	60	4.85	5.153	12.9	0.9	4.871	2.207	2.6	3.5	6.475	7.5
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	20	25.3	25.49	30.7	19.7	10.425	3.229	21.34	23.25	28.8	30.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	12	6.25	5.833	8.5	2.5	5.197	2.28	2.65	3.25	7.875	8.5
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	14	13.1	12.936	14.4	11.4	1.273	1.128	11.45	11.6	14.1	14.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	13	0.421	0.449	0.8	0.283	0.022	0.15	0.287	0.329	0.553	0.708
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	14	0.23	0.24	0.44	0.04	0.015	0.123	0.08	0.138	0.363	0.415
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	14	5.05	4.836	7.5	1.1	3.798	1.949	1.3	3.85	6.525	7.3
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	12	19.	19.425	24.9	15.5	12.084	3.476	15.65	16.15	22.75	24.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	34	18.75	19.221	28.	10.5	18.534	4.305	13.5	16.55	24.	24.45
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	35	8.4	8.823	12.6	6.1	2.697	1.642	6.42	8.	9.8	11.38
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	7	1.5	2.129	7.9	0.4	6.876	2.622	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	7	0.229	0.238	0.568	0.1	0.029	0.169	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	29	0.558	0.55	1.052	0.231	0.039	0.197	0.244	0.42	0.7	0.766
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	27	0.26	0.349	1.01	0.11	0.051	0.225	0.154	0.2	0.45	0.748
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	27	6.	5.959	11.3	0.5	6.173	2.484	3.22	4.3	6.6	10.1
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	15	22.4	21.973	29.3	17.2	14.728	3.838	17.26	18.5	24.4	28.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0332

NPS Station ID: GWMP0332
LAT/LON: 38.887226/ -77.055559
Agency: 1110NET
Date Created: / /
Location: POTOMAC RIVER AT WASHINGTON
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100130
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0100.70
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 3.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
ACTIVATION DATE' JULY 15, 1963. SAMPLED BY' DISTRICT OF COLUMBIA DEPT.OF SANITARY ENGINEERING. FIELD ANALYSIS BY' DISTRICT OF COLUMBIA DEPT. OF SANITARY ENGINEERING. OTHER COOPERATING AGENCIES' DEPT. OF THE INTERIOR, NATIONAL PARK SERVICE AND DISTRICT OF COLUMBIA DEPT. OF PUBLIC HEALTH. NEAREST PERTINENT GAGING STATION' NEAR WASH.,D.C., OPERATED BY'U.S.G.S.

Parameter Inventory for Station: GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	264	14.8	15.071	29.6	0.4	87.433	9.351	2.4	6.25	23.9	27.45
00060	FLOW, STREAM, MEAN DAILY CFS	07/17/63-03/30/65	87	3320.	7845.667	57200.	433.	102410684.341	10119.816	949.2	1430.	11000.	18080.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	248	27.5	48.218	720.	11.5	6484.653	80.527	12.5	12.5	48.	98.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-01/07/69	15	14.	25.067	80.	4.	571.21	23.9	5.8	9.	30.	72.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	255	6.	7.325	31.	0.	12.756	3.572	5.	5.	9.	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/68-01/07/69	10	363.	356.3	620.	170.	16744.9	129.402	176.8	256.75	410.75	606.8
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	261	9.8	9.778	15.1	3.	10.246	3.201	5.72	7.1	12.7	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	259	2.4	2.637	8.6	0.1	2.087	1.445	1.	1.7	3.2	4.4
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	240	16.	22.955	185.	0.4	877.485	29.622	1.1	8.	27.	39.9
00340	COD, .25N K2CR2O7 MG/L	10/01/68-01/07/69	12	17.5	15.5	24.	3.	56.273	7.502	3.6	8.75	22.75	24.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/17/63-11/16/65	108	0.8	0.812	2.3	0.1	0.192	0.438	0.3	0.5	1.	1.4
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/17/63-11/16/65	104	4.9	4.713	7.9	1.2	2.348	1.532	2.55	3.425	5.575	6.85
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	263	7.7	7.662	9.4	6.4	0.185	0.43	7.2	7.4	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	263	7.7	7.463	9.4	6.4	0.224	0.473	7.2	7.4	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	263	0.02	0.034	0.398	0.	0.002	0.041	0.006	0.013	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	250	80.	81.68	172.	5.	475.648	21.809	58.	67.75	94.5	109.8
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/68-01/07/69	14	90.	93.214	120.	35.	491.72	22.175	57.5	83.	111.5	120.
00500	RESIDUE, TOTAL (MG/L)	11/05/68-11/26/68	4	256.5	247.5	300.	177.	3291.	57.367	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	243	184.	188.51	339.	102.	1775.143	42.132	139.2	160.	212.	250.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/63-01/07/69	73	40.	74.822	321.	10.	6425.176	80.157	20.8	32.	55.	234.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-11/16/65	113	0.3	0.335	1.1	0.	0.047	0.217	0.	0.2	0.5	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-01/07/69	44	0.85	0.775	1.6	0.05	0.23	0.48	0.1	0.37	1.2	1.45
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-01/07/69	41	0.8	1.168	6.6	0.1	1.791	1.338	0.22	0.4	1.45	2.26
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-08/02/66	13	0.1	0.238	0.8	0.05	0.067	0.258	0.05	0.05	0.35	0.76
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-01/07/69	14	0.1	0.114	0.3	0.	0.006	0.077	0.	0.1	0.125	0.25
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	238	0.1	0.08	0.5	0.	0.006	0.078	0.	0.	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-01/07/69	42	0.035	0.059	0.45	0.005	0.005	0.072	0.01	0.028	0.073	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-01/07/69	41	0.01	0.015	0.06	0.005	0.	0.013	0.005	0.005	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-01/07/69	36	4.35	4.642	12.	1.1	6.236	2.497	2.04	2.7	5.375	8.27
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-01/07/69	31	2.5	2.813	9.5	1.	2.828	1.682	1.2	1.8	3.	4.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	261	112.	115.762	248.	50.	937.213	30.614	84.	96.	129.	151.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/64-01/01/69	9	12.	13.7	23.	7.	32.435	5.695	7.	8.9	18.5	23.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/64-01/01/69	9	2.3	2.467	3.3	1.9	0.33	0.574	1.9	1.95	3.1	3.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	264	18.	20.398	76.	5.	137.077	11.708	9.5	13.	25.	33.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	252	36.	44.94	119.	14.	480.869	21.929	22.	28.	61.75	78.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/64-01/01/69	9	0.12	0.128	0.29	0.05	0.005	0.07	0.05	0.085	0.145	0.29
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/01/64-01/01/69	10 ##	19.	20.05	35.	12.5	43.525	6.597	12.75	15.375	24.25	34.
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/01/64-01/01/69	10	33.	31.2	56.	15.	149.511	12.227	15.	18.75	36.25	54.1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/01/64-01/01/69	10 ##	0.028	0.027	0.04	0.015	0.	0.009	0.015	0.019	0.035	0.04
01020	BORON, DISSOLVED (UG/L AS B)	01/01/64-01/01/69	10	26.5	41.9	152.	10.	1810.544	42.55	10.8	20.25	46.	144.4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/01/64-01/01/69	10 ##	3.5	4.3	8.	1.5	4.678	2.163	1.6	2.875	6.625	7.9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/01/64-01/01/69	10 ##	2.	3.6	13.	0.5	15.211	3.9	0.6	1.5	4.625	12.5
01035	COBALT, DISSOLVED (UG/L AS CO)	01/01/64-01/01/69	10 ##	3.5	3.9	7.	1.5	2.989	1.729	1.6	2.875	5.	6.95
01040	COPPER, DISSOLVED (UG/L AS CU)	01/01/64-01/01/69	10	8.	9.55	23.	2.	44.692	6.685	2.1	3.375	13.75	22.3
01045	IRON, TOTAL (UG/L AS FE)	01/01/64-01/01/69	10 ##	3.	9.45	43.	1.5	188.692	13.737	1.5	1.5	14.25	41.1
01049	LEAD, DISSOLVED (UG/L AS PB)	01/01/64-01/01/69	10 ##	8.5	10.8	24.	5.5	36.344	6.029	5.55	6.	14.5	23.2
01055	MANGANESE, TOTAL (UG/L AS MN)	01/01/64-01/01/69	10 ##	2.125	2.405	5.	0.9	1.464	1.21	0.96	1.538	3.125	4.85
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/01/64-01/01/69	10 ##	8.	10.7	34.	3.	78.844	8.879	3.25	5.875	13.625	32.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/01/64-01/01/69	10 ##	4.	4.2	7.	1.5	3.289	1.814	1.6	2.875	6.125	6.95
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	01/01/64-01/01/69	10 ##	15.75	22.25	84.	5.5	509.569	22.574	5.55	12.75	21.75	78.3
01075	SILVER, DISSOLVED (UG/L AS AG)	01/01/64-01/01/69	10 ##	0.425	0.855	3.7	0.3	1.129	1.063	0.3	0.3	0.9	3.48
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/01/64-01/01/69	10	112.	135.	270.	60.	5091.111	71.352	62.	83.	175.	268.
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/01/64-01/01/69	10 ##	7.	8.55	20.	3.	24.581	4.958	3.25	5.875	10.25	19.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/01/64-01/01/69	10	11.5	34.6	240.	4.	5245.6	72.427	4.3	7.	19.	218.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/01/64-01/01/69	10 ##	12.	19.75	42.	2.5	264.514	16.264	2.65	5.5	39.25	41.8
01501	ALPHA, TOTAL	07/17/63-01/07/69	101	0.	0.713	8.	0.	1.687	1.299	0.	0.	1.	1.8
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	101	1.	0.832	4.	0.	0.381	0.618	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	101	0.	0.267	2.	0.	0.258	0.508	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	101	1.	0.703	2.	0.	0.291	0.539	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	101	0.	0.446	8.	0.	1.49	1.22	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	101	0.	0.436	4.	0.	0.408	0.639	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	101	10.	13.634	84.	2.	138.254	11.758	4.	6.	17.	28.
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	101	2.	4.317	16.	1.	14.399	3.795	1.	1.	7.	10.
03503	BETA, DISSOLVED	07/17/63-01/07/69	101	7.	9.683	37.	2.	60.379	7.77	3.	5.	11.	22.8
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	101	2.	3.347	9.	1.	7.209	2.685	1.	1.	5.	8.
03505	BETA, SUSPENDED	07/17/63-01/07/69	101	2.	3.95	47.	0.	51.948	7.207	0.	1.	4.	8.
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	101	2.	2.822	14.	1.	6.888	2.624	1.	1.	5.	6.
13501	STRONTIUM 90, TOTAL	07/01/63-01/01/65	4	1.55	1.9	3.4	1.1	1.127	1.061	**	**	**	**
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	243	4000.	16429.753	200000.	60.	1072722760.063	32752.447	512.	1500.	12000.	59200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	243	3.602	3.636	5.301	1.778	0.528	0.726	2.709	3.176	4.079	4.772
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4329.993								
32000	SAMPLE SIZE (LITERS)	11/09/66-08/06/68	22	1224.	1178.955	1929.	623.	100171.093	316.498	718.1	967.5	1413.5	1490.9
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	59	364.	1331.559	5266.	165.	2804861.458	1674.772	270.	314.	2650.	4382.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	61	613.	584.18	1299.	138.	99719.317	315.784	182.4	258.	822.5	964.6
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	61	437.	426.705	907.	73.	63531.311	252.054	107.2	128.5	637.	744.4
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	63	152.	163.968	470.	44.	8109.58	90.053	64.2	97.	226.	267.6
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	07/16/63-11/05/63	4	4.5	5.25	10.	2.	12.917	3.594	**	**	**	**
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	07/16/63-11/05/63	4	26.5	26.75	34.	20.	36.917	6.076	**	**	**	**
32023	ACIDS, STRONG	07/16/63-11/05/63	4	6.	6.25	8.	5.	1.583	1.258	**	**	**	**
32024	ACIDS, WEAK	07/16/63-11/05/63	4	8.5	8.75	11.	7.	2.917	1.708	**	**	**	**
32025	BASES	07/16/63-11/05/63	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
32026	NEUTRALS, TOTAL	07/16/63-11/05/63	4	25.5	26.25	31.	23.	15.583	3.948	**	**	**	**
32027	ALIPHATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	2.	2.25	4.	1.	1.583	1.258	**	**	**	**
32028	AROMATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	2.	2.75	5.	2.	2.25	1.5	**	**	**	**
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	20.	20.	23.	17.	8.667	2.944	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-06/04/68	44	0.05	0.053	0.15	0.02	0.001	0.026	0.02	0.03	0.06	0.09
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.002	0.007	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.003	0.009	0.025	0.	0.	0.014	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.001	0.003	0.	0.	0.002	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	07/17/63-11/05/68	66	4350.	9228.788	76200.	200.	202260850.816	14221.844	470.	1350.	10300.	22110.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	64	0.	8.594	140.	0.	923.388	30.387	0.	0.	0.	20.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	64	0.	8.281	100.	0.	395.412	19.885	0.	0.	0.	40.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	07/17/63-11/05/68	66	1370.	3677.879	33440.	0.	44593601.585	6677.844	50.	265.	3535.	10949.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	07/17/63-09/10/68	65	0.	6.769	440.	0.	2978.462	54.575	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	07/17/63-11/05/68	66	130.	427.121	7560.	0.	1158857.739	1076.503	0.	47.5	335.	806.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	07/17/63-09/10/68	64	0.	36.094	440.	0.	5509.896	74.229	0.	0.	40.	75.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	07/17/63-06/06/67	55	32.	40.273	98.	7.	711.313	26.67	10.	15.	62.	84.
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/08/66-06/06/67	3	20.	18.667	25.	11.	50.333	7.095	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/08/66-06/06/67	3	12.	11.333	13.	9.	4.333	2.082	**	**	**	**
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	11/08/66-06/06/67	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	11/08/66-06/06/67	3	19.	32.333	64.	14.	758.333	27.538	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	07/17/63-11/05/68	66	2065.	4206.515	49400.	0.	58602515.361	7655.228	70.	360.	4867.5	10493.
60600	DIATOMS, PENNATE (/ML)	07/17/63-11/05/68	66	445.	924.091	4350.	0.	1240406.084	1113.735	90.	227.5	1160.	3145.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	11/08/66-11/05/68	15	780.	940.133	4000.	130.	900385.981	948.887	137.2	330.	1110.	2608.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	11/08/66-11/05/68	15	270.	420.	2640.	20.	404400.	635.925	50.	130.	440.	1386.
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/08/66-06/06/67	3	3600.	3900.	7200.	900.	9990000.	3160.696	**	**	**	**
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/08/66-06/06/67	3	3600.	2700.	3600.	900.	2430000.	1558.846	**	**	**	**
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/08/66-06/06/67	3	1800.	1350.	1800.	450.	607500.	779.423	**	**	**	**
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/08/66-06/06/67	3	450.	900.	1800.	450.	607500.	779.423	**	**	**	**
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/08/66-06/06/67	3	450.	825.	1800.	225.	725625.	851.836	**	**	**	**
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/08/66-06/06/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/08/66-06/06/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	06/06/67-06/06/67	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	06/06/67-06/06/67	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/08/66-06/06/67	3	68.	59.667	87.	24.	1044.333	32.316	**	**	**	**
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/08/66-06/06/67	3	71.	67.667	81.	51.	233.333	15.275	**	**	**	**
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/08/66-06/06/67	3	71.	60.	71.	38.	363.	19.053	**	**	**	**
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/08/66-06/06/67	3	25.	25.	25.	25.	0.	0.	**	**	**	**
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/08/66-06/06/67	3	51.	54.333	68.	44.	152.333	12.342	**	**	**	**
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/08/66-06/06/67	3	72.	66.	88.	38.	652.	25.534	**	**	**	**
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/08/66-06/06/67	3	77.	67.667	88.	38.	690.333	26.274	**	**	**	**
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	06/06/67-06/06/67	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	06/06/67-06/06/67	1	87.	87.	87.	87.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0332

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	248	61	0.25	86	25	0.29	101	21	0.21	61	15	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	261	5	0.02	87	5	0.06	112	0	0.00	62	0	0.00			
00400	PH	Other-Hi Lim.	9.	263	1	0.00	89	0	0.00	112	1	0.01	62	0	0.00			
		Other-Lo Lim.	6.5	263	1	0.00	89	0	0.00	112	1	0.01	62	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	44	0	0.00	14	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	264	0	0.00	91	0	0.00	112	0	0.00	61	0	0.00			
		Drinking Water	250.	264	0	0.00	91	0	0.00	112	0	0.00	61	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	252	0	0.00	82	0	0.00	109	0	0.00	61	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	4.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5 &	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0332

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01040	COPPER, DISSOLVED	Fresh Acute	18.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	10	2	0.20	5	0	0.00	2	0	0.00	3	2	0.67			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	5000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	4	0	0.00	2	0	0.00	2	0	0.00						
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	242 &	209	0.86	79	71	0.90	101	81	0.80	62	57	0.92			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	61	0	0.00	21	0	0.00	25	0	0.00	15	0	0.00			
		Drinking Water	100.	61	61	1.00	21	21	1.00	25	25	1.00	15	15	1.00			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	63	0	0.00	21	0	0.00	27	0	0.00	15	0	0.00			
		Drinking Water	100.	63	46	0.73	21	18	0.86	27	18	0.67	15	10	0.67			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1963 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	23	17.9	16.474	29.1	0.9	86.576	9.305	0.94	9.7	24.2	28.34
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	24 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	20	5.	5.4	22.	0.	39.305	6.269	0.	0.	5.	19.1
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	23	8.4	8.913	15.	3.6	11.136	3.337	4.7	6.2	11.4	14.76
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	24	2.25	2.479	4.9	0.6	1.335	1.155	0.9	1.825	3.55	4.2
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	20	25.5	28.1	67.	8.	162.305	12.74	18.	19.5	32.	48.6
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	23	7.6	7.543	8.3	7.	0.113	0.337	7.1	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	23	7.6	7.431	8.3	7.	0.127	0.356	7.1	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	23	0.025	0.037	0.1	0.005	0.001	0.026	0.01	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	24	87.	91.917	140.	64.	307.993	17.55	74.	80.	99.	122.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	24	215.	216.167	290.	147.	1723.623	41.517	163.5	181.75	250.	285.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	24	123.	130.167	196.	90.	683.797	26.15	99.	112.	150.	166.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	24	18.	19.917	31.	8.	48.514	6.965	11.5	14.25	26.25	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	24	52.5	58.375	90.	36.	279.81	16.728	37.5	47.	75.	85.
01501	ALPHA, TOTAL	07/17/63-01/07/69	24	0.	0.542	3.	0.	0.607	0.779	0.	0.	1.	1.5
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	24	1.	1.083	2.	0.	0.167	0.408	1.	1.	1.	2.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	24	0.	0.375	2.	0.	0.332	0.576	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	24	1.	1.083	2.	0.	0.167	0.408	1.	1.	1.	2.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	24	0.	0.167	1.	0.	0.145	0.381	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	24	0.	0.417	1.	0.	0.254	0.504	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	24	24.	24.958	84.	7.	246.216	15.691	8.5	15.5	29.75	38.5
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	24	10.	8.875	16.	1.	13.071	3.615	3.5	6.	10.	13.5
03503	BETA, DISSOLVED	07/17/63-01/07/69	24	20.	20.	37.	6.	87.739	9.367	7.5	12.25	26.75	34.5
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	24	8.	6.625	9.	1.	5.897	2.428	2.5	4.75	8.	8.5
03505	BETA, SUSPENDED	07/17/63-01/07/69	24	2.	4.958	47.	0.	93.433	9.666	0.	1.	4.75	12.5
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	24	6.	5.667	14.	1.	9.623	3.102	2.	4.25	6.	11.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	19	2700.	18600.	100000.	100.	871658888.889	29523.87	200.	1000.	26000.	90000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	19	3.431	3.67	5.	2.	0.714	0.845	2.301	3.	4.415	4.954
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4679.685								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	5	4495.	4599.4	5266.	4329.	145292.3	381.172	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	5	203.	186.4	220.	142.	1376.3	37.099	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	5	110.	103.	120.	73.	398.5	19.962	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	5	83.	83.4	110.	58.	436.3	20.888	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	14.9	15.312	28.5	0.4	83.385	9.132	2.67	6.875	24.2	26.59
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	49	40.	61.541	247.	12.5	3741.321	61.166	12.5	12.5	79.	194.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	47	6.	7.489	31.	0.	19.951	4.467	5.	5.	8.	11.4
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	49	9.7	9.706	15.	4.3	10.386	3.223	5.8	6.6	12.65	14.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	48	2.4	2.598	5.8	0.2	1.555	1.247	1.18	1.6	3.175	4.37
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	48	28.	27.021	44.	12.	58.617	7.656	14.	22.	32.75	35.3
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	50	7.5	7.526	9.4	6.6	0.264	0.513	6.81	7.1	7.8	8.19
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	50	7.5	7.284	9.4	6.6	0.323	0.569	6.81	7.1	7.8	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	50	0.032	0.052	0.251	0.	0.003	0.056	0.006	0.016	0.079	0.155
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	50	82.	80.44	124.	44.	329.843	18.162	58.	65.	94.5	105.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	50	187.5	200.78	285.	137.	1976.747	44.461	153.2	163.5	242.5	274.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	46	0.1	0.126	0.4	0.	0.007	0.083	0.	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	50	119.5	123.64	201.	76.	904.807	30.08	85.1	101.25	143.5	170.9
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	50	16.5	17.5	33.	6.	54.418	7.377	9.	11.	22.25	28.9
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	49	42.	52.51	116.	24.	628.963	25.079	27.	29.	72.	90.
01501	ALPHA, TOTAL	07/17/63-01/07/69	30	0.	0.633	5.	0.	0.999	0.999	0.	0.	1.	1.
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	30	1.	1.	4.	0.	0.483	0.695	0.	1.	1.	1.

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Annual Analysis for 1964 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	30	0.	0.2	1.	0.	0.166	0.407	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	30	1.	0.867	2.	0.	0.189	0.434	0.	1.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	30	0.	0.433	5.	0.	0.944	0.971	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	30	1.	0.767	4.	0.	0.599	0.774	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	30	12.5	14.033	50.	5.	70.033	8.369	8.	10.	14.	23.8
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	30	4.	4.633	11.	1.	9.62	3.102	1.	2.	6.5	9.9
03503	BETA, DISSOLVED	07/17/63-01/07/69	30	8.	8.833	16.	5.	7.04	2.653	6.	7.	11.	12.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	30	3.	3.5	8.	1.	5.086	2.255	1.	2.	5.	7.
03505	BETA, SUSPENDED	07/17/63-01/07/69	30	3.	5.2	43.	0.	61.959	7.871	1.	2.	6.	11.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	30	2.	2.933	8.	1.	4.685	2.164	1.	1.	4.25	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	49	8500.	26526.939	200000.	85.	2301172945.642	47970.542	750.	2450.	19000.	83000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	49	3.929	3.857	5.301	1.929	0.614	0.784	2.875	3.389	4.279	4.919
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7198.475								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	9	3760.	3310.667	4750.	851.	2091347.	1446.149	851.	1903.5	4421.5	4750.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	11	206.	253.091	518.	138.	11536.891	107.41	143.4	184.	306.	483.4
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	11	117.	141.545	292.	80.	3797.873	61.627	84.	107.	172.	275.8
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	11	95.	111.545	226.	52.	2689.073	51.856	53.2	84.	150.	215.4

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Annual Analysis for 1965 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	52	15.05	15.585	28.5	0.9	86.158	9.282	3.42	6.675	23.9	26.91
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	52	36.	67.615	700.	12.5	13385.741	115.697	12.5	12.5	59.5	138.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	50	5.	5.36	14.	0.	3.786	1.946	5.	5.	6.	6.9
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	50	10.2	9.792	15.1	3.5	11.132	3.336	5.12	6.625	12.825	14.09
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	52	2.4	2.546	7.6	0.2	1.906	1.381	1.	1.625	3.125	4.
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	52	12.	16.481	80.	1.	227.588	15.086	5.	10.	16.	37.2
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.8	7.794	8.4	7.	0.119	0.344	7.22	7.6	8.	8.28
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.8	7.653	8.4	7.	0.139	0.373	7.22	7.6	8.	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	51	0.016	0.022	0.1	0.004	0.	0.021	0.005	0.01	0.025	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	52	78.	82.25	172.	5.	881.289	29.687	52.6	64.	98.	126.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	47	187.	190.362	272.	146.	735.366	27.118	159.8	168.	211.	227.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	51	0.1	0.1	0.2	0.	0.003	0.057	0.	0.1	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	49	110.	110.633	222.	72.	869.862	29.493	82.	88.	121.5	141.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	52	18.	25.019	76.	5.	341.039	18.467	7.3	11.25	32.25	59.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	50	48.5	46.9	90.	19.	433.806	20.828	22.1	27.	63.75	74.6
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	1.	1.25	7.	0.	4.023	2.006	0.	0.	1.	5.8
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.667	2.	0.	0.424	0.651	0.	0.	1.	1.7
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.917	7.	0.	4.447	2.109	0.	0.	0.75	5.8
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.333	2.	0.	0.424	0.651	0.	0.	0.75	1.7
03501	BETA, TOTAL	07/17/63-01/07/69	12	8.	9.833	24.	2.	49.061	7.004	2.3	5.25	11.5	23.7
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.5	1.833	6.	1.	1.97	1.403	1.	1.	2.	4.8
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	6.	6.	11.	2.	6.182	2.486	2.3	4.25	7.	10.4
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.583	4.	1.	0.811	0.9	1.	1.	2.	3.4
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	1.	3.833	19.	0.	48.152	6.939	0.	0.	3.25	18.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.417	5.	1.	1.356	1.165	1.	1.	1.	4.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	50	5650.	24636.	140000.	250.	1450539187.755	38085.945	1000.	2000.	28000.	90000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	50	3.751	3.861	5.146	2.398	0.525	0.724	3.	3.301	4.441	4.954
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7267.665								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	12	317.	1232.667	3990.	260.	2139039.515	1462.546	263.3	287.25	2704.	3864.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	12	675.5	598.5	968.	141.	88302.273	297.157	153.3	269.	838.75	954.5
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	12	491.5	416.75	680.	97.	50485.659	224.69	100.9	144.75	613.25	666.5
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	169.5	181.75	381.	44.	8550.205	92.467	52.4	113.25	239.25	343.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	38	11.	13.658	29.6	0.9	94.253	9.708	1.57	5.75	24.575	27.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	37 ##	12.5	42.973	720.	11.5	13550.221	116.405	12.5	12.5	30.5	73.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	37	6.	6.378	11.	5.	1.408	1.187	5.	6.	7.	8.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	37	11.5	10.1	14.7	3.	12.321	3.51	4.7	6.75	13.25	14.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	37	2.4	2.759	8.6	0.4	2.49	1.578	1.28	1.85	3.25	4.64
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	38	18.	52.421	185.	5.	3549.818	59.58	8.9	10.	109.5	160.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	38	7.65	7.618	8.7	6.4	0.17	0.412	7.2	7.375	7.825	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	38	7.647	7.399	8.7	6.4	0.219	0.468	7.2	7.375	7.825	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	38	0.023	0.04	0.398	0.002	0.004	0.064	0.006	0.015	0.042	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	38	85.	86.447	126.	48.	463.389	21.526	53.6	70.	104.5	114.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	37	196.	197.811	339.	120.	2548.602	50.484	141.2	161.	226.	264.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	37	0.1	0.086	0.5	0.	0.011	0.103	0.	0.	0.1	0.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	37	127.	133.622	248.	83.	1428.742	37.799	90.4	106.	146.5	190.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	37	18.	23.649	70.	8.	199.623	14.129	9.	14.5	32.	43.4
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	35	39.	46.486	91.	18.	522.434	22.857	24.	27.	69.	85.4
01501	ALPHA, TOTAL	07/17/63-01/07/69	10	0.	1.	8.	0.	6.222	2.494	0.	0.	1.	7.3
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	10	0.5	0.6	2.	0.	0.489	0.699	0.	0.	1.	1.9
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	10	0.	0.3	1.	0.	0.233	0.483	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	10	0.	1.	8.	0.	6.222	2.494	0.	0.	1.	7.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	10	0.	0.3	2.	0.	0.456	0.675	0.	0.	0.25	1.9
03501	BETA, TOTAL	07/17/63-01/07/69	10	6.5	8.	28.	3.	52.667	7.257	3.1	4.	7.5	26.1
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	10	2.	1.7	3.	1.	0.456	0.675	1.	1.	2.	2.9
03503	BETA, DISSOLVED	07/17/63-01/07/69	10	4.5	4.7	6.	3.	1.122	1.059	3.1	4.	6.	6.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
03505	BETA, SUSPENDED	07/17/63-01/07/69	10	0.5	3.3	23.	0.	50.678	7.119	0.	0.	3.5	21.2
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	10	1.	1.3	3.	1.	0.456	0.675	1.	1.	1.25	2.9
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	36	5750.	14988.889	100000.	100.	605471158.73	24606.324	905.	2000.	12000.	61500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	36	3.76	3.707	5.	2.	0.463	0.68	2.925	3.301	4.079	4.789
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			5094.695								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	10	339.5	335.3	371.	270.	1125.789	33.553	272.7	307.5	363.25	370.9
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	10	735.	716.6	950.	426.	23554.044	153.473	440.9	603.5	821.25	937.5
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	10	532.5	540.4	709.	318.	15238.267	123.443	328.3	451.	654.75	708.3
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	10	171.5	176.2	274.	108.	3269.956	57.184	108.6	115.5	223.25	271.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	14.7	14.63	28.5	1.1	82.552	9.086	3.41	6.1	23.1	27.38
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	49 ##	12.5	29.643	160.	12.5	825.698	28.735	12.5	12.5	38.	51.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	49	8.	8.469	20.	5.	9.754	3.123	6.	6.	10.	12.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	50	9.75	10.094	15.	4.2	7.449	2.729	6.7	8.05	12.725	13.88
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	47	1.8	2.268	6.8	0.5	2.064	1.437	0.88	1.2	2.8	4.92
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	45	1.1	3.673	34.	0.4	40.907	6.396	0.6	0.8	2.05	10.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	49	7.7	7.798	8.8	7.1	0.205	0.453	7.3	7.5	8.05	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	49	7.7	7.621	8.8	7.1	0.237	0.487	7.3	7.5	8.05	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	49	0.02	0.024	0.079	0.002	0.	0.019	0.003	0.009	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	49	76.	76.673	130.	50.	245.433	15.666	58.	68.5	86.	96.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	48	156.5	163.146	233.	102.	1017.702	31.901	127.	136.25	191.5	209.3
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	46	0.05	0.054	0.2	0.	0.003	0.059	0.	0.	0.1	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	49	110.	111.224	211.	73.	601.844	24.533	86.	93.	124.5	143.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	49	15.	18.122	46.	9.	54.026	7.35	11.	13.	22.	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	46	28.5	28.696	49.	14.	61.416	7.837	19.7	22.	33.	39.9
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	0.	0.667	3.	0.	0.97	0.985	0.	0.	1.	2.7
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.417	2.	0.	0.447	0.669	0.	0.	1.	1.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	12	6.	5.25	7.	2.	2.568	1.603	2.3	4.	6.	7.
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.167	2.	1.	0.152	0.389	1.	1.	1.	2.
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	5.	4.167	5.	2.	1.242	1.115	2.3	3.	5.	5.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	1.	1.083	3.	0.	0.629	0.793	0.	1.	1.	2.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	49	2000.	3236.531	20000.	60.	19486339.796	4414.333	270.	970.	3150.	6500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	49	3.301	3.215	4.301	1.778	0.301	0.548	2.431	2.987	3.498	3.813
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1640.288								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	10	318.5	289.8	510.	165.	10572.4	102.822	167.2	195.25	330.25	492.4
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	12	765.5	749.167	1299.	335.	103704.515	322.032	351.2	427.25	987.	1258.8
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	12	585.	564.917	907.	233.	53469.538	231.235	247.7	327.75	777.75	875.5
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	160.	184.25	392.	53.	11119.477	105.449	63.8	103.25	240.5	383.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	17.05	15.438	29.6	0.4	96.67	9.832	1.58	6.225	23.975	28.39
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	37	42.	56.324	285.	12.5	3688.17	60.73	12.5	12.5	75.	129.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	51	10.	9.412	13.	4.	5.607	2.368	6.	7.	11.	12.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	51	9.7	9.582	14.9	4.1	10.259	3.203	5.04	6.9	12.4	13.98
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	50	2.85	3.09	8.	0.1	2.736	1.654	1.02	2.225	4.05	5.16
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	37	18.	17.189	50.	2.	129.824	11.394	4.	6.	25.	30.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.5	7.62	8.5	6.7	0.153	0.391	7.2	7.3	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.5	7.463	8.5	6.7	0.178	0.422	7.2	7.3	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	51	0.032	0.034	0.2	0.003	0.001	0.032	0.008	0.01	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	37	80.	77.649	115.	30.	444.901	21.093	40.	63.	90.	106.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	37	177.	175.243	266.	104.	1473.134	38.381	115.2	146.5	195.	222.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	35	0.1	0.071	0.2	0.	0.004	0.062	0.	0.	0.1	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	51	100.	97.627	137.	50.	451.558	21.25	60.6	85.	115.	120.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	51	19.	18.451	35.	5.	53.573	7.319	9.	13.	24.	27.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	47	34.	42.936	119.	15.	489.8	22.131	20.6	27.	59.	74.
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	0.	0.583	3.	0.	0.811	0.9	0.	0.	1.	2.4
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.667	1.	0.	0.242	0.492	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.25	2.	0.	0.386	0.622	0.	0.	0.	1.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.583	1.	0.	0.265	0.515	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	12	7.5	7.667	16.	3.	13.879	3.725	3.3	5.	9.75	14.8
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	2.	2.417	5.	1.	1.902	1.379	1.	1.25	3.	5.
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	4.	5.083	11.	3.	6.629	2.575	3.	3.	6.	10.4
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	2.	2.167	4.	1.	1.061	1.03	1.	1.25	2.75	4.
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	2.	2.583	7.	0.	4.629	2.151	0.3	1.	4.5	6.4
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.417	3.	1.	0.629	0.793	1.	1.	1.75	3.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	39	3500.	10418.462	110000.	210.	568449871.255	23842.187	470.	1200.	8000.	21000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	39	3.544	3.523	5.041	2.322	0.385	0.621	2.672	3.079	3.903	4.322
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3336.433								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	12	372.	362.25	395.	296.	1108.205	33.29	299.3	339.75	388.5	393.8
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	10	823.	796.2	1173.	409.	65118.178	255.183	414.9	592.5	985.25	1169.
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	10	655.5	628.1	906.	348.	33745.211	183.699	352.9	487.	752.5	901.9
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	193.5	200.417	470.	61.	12558.265	112.064	64.	118.25	263.75	409.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GWMP0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	07/17/63-01/07/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	07/17/63-01/07/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	1	3.462	3.462	3.462	3.462	0.	0.	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2900.								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	1	379.	379.	379.	379.	0.	0.	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	1	619.	619.	619.	619.	0.	0.	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	1	492.	492.	492.	492.	0.	0.	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	1	127.	127.	127.	127.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0333

NPS Station ID: GWMP0333
LAT/LON: 38.887504/ -77.055005
Agency: 1113MCST
Date Created: / /
Location: MEMORIAL BRIDGE WASHINGTON DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P01/P01 /001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002906.06
RF3 Mile Point: 6.06
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	7	28.5	28.714	29.	28.5	0.071	0.267	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	8	6.85	7.063	8.7	5.7	1.494	1.222	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.35	3.35	4.5	2.2	2.645	1.626	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.275	7.275	7.35	7.2	0.011	0.106	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.269	7.269	7.35	7.2	0.011	0.106	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.054	0.054	0.063	0.045	0.	0.013	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.859	0.866	0.915	0.83	0.001	0.038	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.066	0.118	0.34	0.001	0.026	0.16	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.01	0.012	0.02	0.008	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	9.7	9.75	12.1	7.5	4.657	2.158	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.7	23.025	25.	19.7	5.316	2.306	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	270.	270.	310.	230.	3200.	56.569	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.427	2.427	2.491	2.362	0.008	0.092	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			267.021								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	27.	27.	45.	9.	648.	25.456	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.304	1.304	1.653	0.954	0.244	0.494	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.125								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	105.	106.875	124.5	93.	243.563	15.606	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.325	0.338	0.4	0.3	0.002	0.043	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0333

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0334

NPS Station ID: GWMP0334 | LAT/LON: 38.888059/ -77.054448 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: MEMORIAL BRIDGE, WASH., D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS16
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0095.75
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010033 | RF1 Mile Point: 3.620 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010010900.00 | RF3 Mile Point: 0.74 | Distance from RF3: 0.12 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: MEMORIAL BRIDGE, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	75	18.7	16.523	30.5	1.5	79.485	8.915	4.28	7.3	24.4	27.44
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	20	78.5	57.35	100.	0.	2043.082	45.2	0.	15.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	4	0.6	0.625	1.1	0.2	0.196	0.443	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	58	289.	295.069	523.	120.	7850.206	88.601	174.9	242.5	334.5	429.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	75	8.3	8.573	13.5	0.3	8.451	2.907	5.	7.2	10.6	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	3	1.	0.9	1.2	0.5	0.13	0.361	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	62	7.8	7.834	8.9	7.1	0.177	0.421	7.3	7.6	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	62	7.8	7.665	8.9	7.1	0.206	0.454	7.3	7.6	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	62	0.016	0.022	0.079	0.001	0.	0.018	0.003	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-11/16/83	2	98.	98.	106.	90.	128.	11.314	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	12.	27.	4.	169.	13.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	3	0.393	0.295	0.393	0.1	0.029	0.169	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.09	0.096	0.111	0.088	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.066	0.065	0.087	0.042	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.052	0.052	0.07	0.033	0.	0.019	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/16/83	2	8.	8.	8.	8.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	75	6	0.08	34	1	0.03	24	4	0.17	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	62	0	0.00	27	0	0.00	21	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	62	0	0.00	27	0	0.00	21	0	0.00	14	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	7	19.	17.343	19.1	7.3	19.613	4.429	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	296.	296.	348.	244.	5408.	73.539	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	7	8.3	8.857	12.5	8.2	2.583	1.607	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	2	7.2	7.2	7.3	7.1	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	2	7.189	7.189	7.3	7.1	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	2	0.065	0.065	0.079	0.05	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	13	23.6	19.915	29.3	3.8	75.988	8.717	4.52	11.5	25.2	29.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	4	162.	183.	288.	120.	5388.	73.403	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	13	7.2	8.577	13.4	6.3	5.73	2.394	6.34	6.85	10.6	12.8
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	7	7.3	7.4	7.8	7.2	0.05	0.224	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	7	7.3	7.358	7.8	7.2	0.052	0.228	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	7	0.05	0.044	0.063	0.016	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.6	11.767	18.5	5.2	44.243	6.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	260.	269.	309.	238.	1321.	36.346	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	10.9	10.833	12.5	9.1	2.893	1.701	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.8	7.867	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.8	7.857	8.	7.8	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	3	0.016	0.014	0.016	0.01	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.7	15.291	28.8	1.5	124.299	11.149	1.68	4.6	27.5	28.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	330.	353.818	523.	252.	7667.164	87.562	255.8	280.	428.	512.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.7	8.055	13.5	1.6	15.867	3.983	1.78	6.2	12.9	13.46
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	8.073	8.9	7.6	0.202	0.45	7.64	7.8	8.5	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	7.924	8.9	7.6	0.226	0.476	7.64	7.8	8.5	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.016	0.012	0.025	0.001	0.	0.008	0.001	0.003	0.016	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	11.95	14.542	29.4	2.3	101.257	10.063	2.54	6.45	26.175	28.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	270.	272.917	438.	146.	6456.265	80.351	161.3	208.	312.75	418.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.35	6.133	12.1	0.3	13.795	3.714	0.69	2.5	9.	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.6	7.664	8.3	7.2	0.119	0.344	7.22	7.3	7.9	8.26
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.6	7.555	8.3	7.2	0.132	0.363	7.22	7.3	7.9	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.025	0.028	0.063	0.005	0.	0.019	0.006	0.013	0.05	0.061

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.4	17.42	30.5	5.	67.964	8.244	5.48	10.775	24.75	30.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	335.5	336.	517.	165.	13712.222	117.099	166.2	234.75	435.5	511.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.4	8.94	11.6	5.6	3.66	1.913	5.67	7.5	10.525	11.5
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	9	8.	7.967	8.5	7.3	0.148	0.384	7.3	7.7	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	9	8.	7.813	8.5	7.3	0.174	0.417	7.3	7.7	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	9	0.01	0.015	0.05	0.003	0.	0.015	0.003	0.005	0.02	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	15.	15.291	27.4	1.8	91.403	9.56	2.12	4.9	24.6	27.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	317.	303.222	339.	219.	1439.444	37.94	219.	285.	331.5	339.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	9.9	9.927	13.5	7.5	3.614	1.901	7.66	8.4	10.8	13.3
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	8.	8.073	8.7	7.6	0.138	0.372	7.6	7.8	8.4	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	8.	7.945	8.7	7.6	0.156	0.395	7.6	7.8	8.4	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.01	0.011	0.025	0.002	0.	0.008	0.002	0.004	0.016	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.45	17.313	26.3	5.6	80.801	8.989	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	253.	246.714	309.	175.	1796.571	42.386	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.5	9.525	12.9	7.3	5.254	2.292	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.75	7.788	8.5	7.4	0.116	0.34	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.747	7.697	8.5	7.4	0.125	0.353	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	8	0.018	0.02	0.04	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	34	24.05	23.418	30.5	15.	16.128	4.016	18.6	19.	26.35	28.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	335.5	350.9	523.	205.	6484.516	80.526	264.8	293.25	418.25	468.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	34	7.85	7.559	10.6	0.3	2.703	1.644	6.25	7.1	8.325	8.85
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	27	7.8	7.726	8.5	7.2	0.128	0.358	7.28	7.4	7.9	8.34
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	27	7.8	7.602	8.5	7.2	0.144	0.38	7.28	7.4	7.9	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	27	0.016	0.025	0.063	0.003	0.	0.018	0.005	0.013	0.04	0.053

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	5.5	5.854	11.6	1.5	8.662	2.943	2.05	3.5	7.825	11.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	288.	286.391	517.	120.	7080.794	84.147	168.8	244.	326.	405.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	11.75	9.933	13.5	1.6	16.555	4.069	2.05	9.55	12.8	13.45
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.9	7.952	8.7	7.1	0.177	0.42	7.26	7.7	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.9	7.754	8.7	7.1	0.218	0.467	7.26	7.7	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	21	0.013	0.018	0.079	0.002	0.	0.02	0.003	0.006	0.02	0.057

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.3	17.794	29.3	6.9	48.436	6.96	8.42	11.3	23.8	27.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	15	228.	233.933	333.	146.	3452.924	58.762	157.4	175.	280.	323.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.9	8.682	11.4	2.3	4.738	2.177	5.98	7.55	10.55	11.16
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	14	7.8	7.864	8.9	7.3	0.255	0.505	7.3	7.55	8.025	8.85
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	14	7.8	7.676	8.9	7.3	0.293	0.541	7.3	7.55	8.025	8.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	14	0.016	0.021	0.05	0.001	0.	0.016	0.001	0.01	0.029	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0335

NPS Station ID: GWMP0335
LAT/LON: 38.888337/ -77.052782
Agency: 112WRD
Date Created: 08/23/80
Location: POTOMAC RIVER AT MEMORIAL BRIDGE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385315077031800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 9.90
On/Off RF1:
RF3 Index: 02070010062200.00
RF3 Mile Point: 4.41
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-09/28/83	287	28.2	26.984	31.6	0.	17.289	4.158	23.9	25.4	29.2	29.8
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	73	6.3	4.856	18.	0.	23.25	4.822	0.	0.	8.85	10.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/04/80-09/28/83	146	22.5	16.76	73.	0.	294.97	17.175	0.	0.	32.25	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-09/28/83	292	334.	341.11	464.	261.	1839.218	42.886	302.3	311.	362.	390.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-07/21/81	9	3.58	2.231	4.5	0.	4.533	2.129	0.	0.	4.	4.5
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	78	0.5	0.555	2.	0.	0.356	0.597	0.	0.	1.	1.5
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	34	115.	293.853	1100.	0.	123365.463	351.234	0.	0.	600.	900.
00300	OXYGEN, DISSOLVED MG/L	07/04/80-09/28/83	289	6.1	5.19	13.3	0.	10.561	3.25	0.	3.3	7.5	8.6
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/09/79-08/26/81	69	0.	-0.004	0.6	-0.5	0.016	0.128	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/09/79-08/26/81	65	7.	6.751	11.	0.	4.806	2.192	3.92	5.9	8.2	9.1
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/09/79-08/26/81	69	4.4	4.575	12.	0.	3.103	1.762	3.2	3.7	5.5	6.3
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/09/79-08/26/81	64	2.05	2.25	5.3	0.	1.808	1.344	0.	1.2	3.375	4.1
00400	PH (STANDARD UNITS)	07/04/80-09/28/83	284	7.6	7.54	8.6	5.6	0.294	0.542	6.8	7.3	7.9	8.25
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-09/28/83	284	7.6	7.101	8.6	5.6	0.488	0.698	6.8	7.3	7.9	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-09/28/83	284	0.025	0.079	2.512	0.003	0.04	0.201	0.006	0.013	0.05	0.158
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-07/21/81	4	0.	2.	8.	0.	16.	4.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	2	81.5	81.5	82.	81.	0.5	0.707	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	46	0.87	0.921	2.2	0.42	0.158	0.398	0.494	0.615	1.1	1.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/80-09/04/81	17	0.58	0.514	0.77	0.	0.037	0.194	0.24	0.37	0.645	0.722
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/09/79-09/04/81	39	0.25	0.304	0.75	0.	0.028	0.168	0.13	0.2	0.44	0.53
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	50	0.085	0.089	0.22	0.	0.004	0.061	0.005	0.04	0.13	0.198
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/80-09/04/81	17	0.06	0.075	0.18	0.	0.003	0.058	0.	0.025	0.13	0.156
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	49	0.02	0.019	0.07	0.01	0.	0.009	0.01	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	48	0.42	0.459	1.8	0.03	0.089	0.299	0.069	0.33	0.49	0.868
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	47	0.4	0.438	2.	0.02	0.085	0.291	0.204	0.3	0.56	0.624
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/09/79-09/28/83	46	0.165	0.192	0.8	0.	0.035	0.186	0.	0.01	0.295	0.423
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-09/28/83	48	0.6	0.606	1.5	0.01	0.078	0.279	0.309	0.39	0.718	0.973
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/79-09/28/83	49	0.4	0.483	1.8	0.05	0.088	0.297	0.09	0.4	0.5	0.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-09/28/83	48	0.063	0.062	0.131	0.02	0.001	0.024	0.034	0.042	0.081	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/79-09/28/83	48	0.022	0.028	0.094	0.	0.	0.018	0.013	0.017	0.036	0.055

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	6	0.02	0.023	0.047	0.001	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/09/79-08/26/81	43	4.1	4.435	12.	0.	3.347	1.83	3.14	3.7	4.9	6.32
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	31	2.8	2.977	4.4	1.6	0.466	0.683	2.06	2.7	3.3	4.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	4	115.	115.	120.	110.	33.333	5.774	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	2	32.	32.	39.	25.	98.	9.899	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	4	31.5	32.25	36.	30.	6.917	2.63	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	4	8.95	8.725	9.8	7.2	1.476	1.215	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	4	14.5	16.25	25.	11.	36.917	6.076	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	4	0.55	0.65	1.	0.5	0.057	0.238	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/25/81	4	20.	22.5	32.	18.	41.667	6.455	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	4	2.85	2.875	3.1	2.7	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	4	15.	15.75	21.	12.	14.917	3.862	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	4	38.5	45.25	71.	33.	301.583	17.366	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/80-08/25/81	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-09/28/83	47	4.8	4.774	6.8	1.2	2.865	1.693	1.48	3.6	6.3	6.6
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	13.	13.	20.	6.	98.	9.899	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	480.	2192.95	18600.	0.	25819463.524	5081.286	1.	158.	1215.	13820.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	2.681	2.468	4.27	0.	1.285	1.134	0.1	2.174	3.085	4.078
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			293.921								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	197.5	644.1	5000.	0.	1326670.832	1151.812	0.	18.75	763.5	1616.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	2.291	2.014	3.699	0.	1.314	1.146	0.	1.163	2.881	3.208
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			103.2								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/04/80-09/28/83	238	16.9	19.482	68.6	1.7	197.684	14.06	5.09	8.475	24.8	42.31
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	8	21.2	20.5	21.6	17.6	2.183	1.477	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/04/80-09/28/83	238	8.65	10.175	31.3	2.	27.936	5.285	4.99	6.075	13.625	18.11
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/04/80-09/28/83	238	21.05	24.237	75.	2.8	226.828	15.061	7.99	12.85	31.125	46.9
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	8	12.9	13.025	16.4	10.3	3.419	1.849	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	08/09/79-08/24/79	8	0.03	0.03	0.031	0.027	0.	0.001	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/24/79-08/26/81	41	12500.	14446.341	36000.	0.	61296548.78	7829.211	5740.	9300.	19500.	25700.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	4	169.5	177.	205.	164.	356.667	18.886	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	4	0.23	0.24	0.28	0.22	0.001	0.027	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-07/08/81	5	8.9	14.1	40.	5.	212.705	14.584	**	**	**	**
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	28	1.105	1.9	9.42	0.1	4.175	2.043	0.59	0.725	1.585	5.
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	19	13.	14.5	33.	7.	44.167	6.646	9.	11.	15.	31.
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	19	8.5	10.105	25.	5.5	19.211	4.383	5.5	8.	12.	14.5
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	07/23/80-10/02/80	4	0.025	0.03	0.07	0.	0.001	0.036	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/09/79-09/04/81	44	0.1	0.112	0.28	0.	0.006	0.075	0.01	0.05	0.15	0.245
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/79-09/04/81	42	1.8	1.862	7.9	0.1	1.66	1.289	0.3	1.2	2.125	3.05
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/09/79-09/04/81	44	0.07	0.063	0.23	0.03	0.001	0.034	0.03	0.03	0.07	0.085
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-08/24/79	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/09/79-09/28/83	43	11.	11.419	25.	2.	23.154	4.812	5.4	8.	14.	16.6
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	59	0.11	0.144	1.2	0.	0.033	0.181	0.	0.05	0.18	0.32
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	69	0.14	0.146	0.32	0.	0.003	0.058	0.09	0.12	0.165	0.22
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/09/79-08/26/81	69	0.	0.037	1.	-0.55	0.041	0.204	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/09/79-08/26/81	66	8.	7.525	16.	0.	19.055	4.365	0.	5.725	10.725	13.
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-09/15/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	8	230.	303.75	610.	40.	30998.214	176.063	**	**	**	**
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-10/16/81	8	2.362	2.388	2.785	1.602	0.128	0.358	**	**	**	**
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			244.149								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	8	3350.	3312.5	4300.	2300.	1115535.714	1056.189	**	**	**	**
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-10/16/81	8	3.507	3.5	3.633	3.362	0.02	0.143	**	**	**	**
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3161.612								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/08/81-07/08/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0335

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	289	75	0.26	287	75	0.26	2	0	0.00						
00400	PH	Other-Hi Lim.	9.	284	0	0.00	282	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	284	22	0.08	282	22	0.08	2	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	15	0.75	19	15	0.79	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0336

NPS Station ID: GWMP0336
LAT/LON: 38.891670/ -77.055559
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: ROSEVELT BRIDGE WASH., D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 3.40
On/Off RF1:
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.03
Distance from RF3: 0.03
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HTYGIENE BRANCH STATION LOCATION:ROSEVELT BRIDGE WASH.,D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0336

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0337

NPS Station ID: GWMP0337 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G15 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100104.15 /G-15
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 2.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 3.07 Distance from RF3: 0.01 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FIRST WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: GWMP0337

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0338

NPS Station ID: GWMP0338 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G1 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.1 /G-1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.50 Distance from RF3: 0.05 On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0338

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0339

NPS Station ID: GWMP0339 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.2 /G-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THIRD WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: GWMP0339

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0340

NPS Station ID: GWMP0340 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G3 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.3 /G-3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 19 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FOURTH WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: GWMP0340

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0341

NPS Station ID: GWMP0341 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G4 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.4 /G-4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 22 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0341

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0342

NPS Station ID: GWMP0342 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G5
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.5 /G-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 19 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT SIXTH ABUTMENT OF BRIDGE

Parameter Inventory for Station: GWMP0342

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0343

NPS Station ID: GWMP0343 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G6 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.6 /G-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 13 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EIGHTH ABUTMENT OF BRIDGE

Parameter Inventory for Station: GWMP0343

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0344

NPS Station ID: GWMP0344 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G8 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.8 /G-8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 6 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0344

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0345

NPS Station ID: GWMP0345 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G9 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.9 /G-9
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0345

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0346

NPS Station ID: GWMP0346
LAT/LON: 38.892504/ -77.057781
Agency: 1113POTS
Date Created: / /
Location: PO.R. ROOSEVELT MEM.BR. WASH,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /2B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	15	10.	9.967	14.	6.5	4.838	2.2	6.8	8.	11.5	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	15	0.065	0.089	0.382	0.015	0.008	0.087	0.021	0.043	0.104	0.225
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	14	0.795	0.603	1.04	0.02	0.154	0.393	0.02	0.145	0.9	1.01
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	15	0.21	0.198	0.33	0.08	0.008	0.091	0.08	0.11	0.28	0.324
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0346

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00				14	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0347

NPS Station ID: GWMP0347
LAT/LON: 38.892504/ -77.057781
Agency: 1113UPBA
Date Created: / /
Location: PO.R. ROOSEVELT MEMORIAL BR. DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 1.14
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	9	5.	4.667	8.	0.	6.75	2.598	0.	3.	7.	8.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	10	2550.	8740.	34500.	0.	143231555.556	11967.939	10.	175.	15000.	33450.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	10	3.181	3.04	4.538	0.	1.957	1.399	0.2	2.226	4.154	4.522
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1096.562								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	11	400.	1481.818	9000.	100.	7097636.364	2664.139	100.	100.	1300.	7860.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	11	2.602	2.691	3.954	2.	0.429	0.655	2.	2.	3.114	3.867
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			490.497								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	10 ##	150.	1210.	7900.	100.	5854333.333	2419.573	100.	100.	1400.	7280.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	10 ##	2.151	2.524	3.898	2.	0.465	0.682	2.	2.	3.143	3.831
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			334.35								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	10	5	0.50				10	5	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	11	8	0.73				11	8	0.73						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0348

NPS Station ID: GWMP0348 | LAT/LON: 38.894448/ -77.075003 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: C&O CANAL GEORGETOWN, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): TCO01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010039 | RF1 Mile Point: 0.140 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010060100.00 | RF3 Mile Point: 0.22 | Distance from RF3: 0.09 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: C&O CANAL GEORGETOWN, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	57	21.3	19.323	30.	0.4	61.413	7.837	7.44	13.9	25.7	28.
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	57	298.	303.86	499.	99.	7970.623	89.278	197.4	245.	360.	437.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	54	7.75	7.63	14.	0.	8.657	2.942	2.85	6.5	9.05	11.35
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	44	1.7	1.977	4.6	0.	1.331	1.154	0.5	1.325	2.725	4.05
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	54	7.7	7.733	9.1	5.4	0.359	0.599	7.05	7.475	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	54	7.7	6.977	9.1	5.4	0.942	0.971	7.05	7.475	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	54	0.02	0.105	3.981	0.001	0.292	0.54	0.003	0.01	0.034	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	57	76.	74.456	140.	0.	668.431	25.854	42.	62.	90.	105.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	43	10.	13.14	100.	0.	231.171	15.204	2.	6.	15.	23.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	48	0.047	0.062	0.35	0.	0.005	0.068	0.02	0.02	0.074	0.137
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	57	0.013	0.014	0.036	0.005	0.	0.009	0.005	0.005	0.02	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	57	0.92	0.981	2.63	0.06	0.269	0.519	0.264	0.645	1.285	1.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	48	0.519	0.481	1.1	0.02	0.088	0.297	0.02	0.227	0.717	0.806
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	40	0.078	0.077	0.198	0.022	0.001	0.035	0.038	0.055	0.088	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	39	0.03	0.036	0.092	0.005	0.001	0.023	0.013	0.02	0.05	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	56	0.012	0.019	0.078	0.	0.	0.019	0.004	0.004	0.028	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	1.	2.333	5.	1.	5.333	2.309	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	54	124.	128.704	208.	64.	801.231	28.306	96.	110.5	144.5	174.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	30.	38.333	59.	26.	324.333	18.009	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	36	2.35	2.157	4.2	0.05	1.119	1.058	0.74	1.2	2.9	3.53
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	12 ##	5.	6.25	15.	5.	9.659	3.108	5.	5.	5.	13.5
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	12 ##	5.	6.875	12.5	5.	11.506	3.392	5.	5.	10.625	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	12	225.5	243.667	614.	2.	37949.879	194.807	2.	35.	388.	560.9
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	12	30.	109.75	737.	0.	43457.295	208.464	1.5	10.5	96.5	587.9
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	4	3850.	4075.	7900.	700.	9442500.	3072.865	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/83-02/22/84	4	3.569	3.47	3.898	2.845	0.207	0.455	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2951.344								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/17/89	30	790.	1487.933	11000.	9.	5521636.064	2349.816	53.	355.	1540.25	4650.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/17/89	30	2.898	2.764	4.041	0.954	0.489	0.699	1.719	2.504	3.187	3.659
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			580.779								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/18/90	5	6300.	6840.	13500.	1400.	20063000.	4479.174	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/18/90	5	3.799	3.734	4.13	3.146	0.136	0.368	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			5422.15								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	22	4.	6.977	22.	0.5	49.511	7.036	0.5	1.	13.25	19.8
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	22	8.5	15.409	58.	0.	324.634	18.018	1.	1.	30.5	45.9
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-10/17/89	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	57	16.	20.018	138.	6.	362.232	19.032	10.	13.	21.	26.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	54	5	0.09	25	0	0.00	10	3	0.30	19	2	0.11			
00400	PH	Other-Hi Lim.	9.	54	1	0.02	26	1	0.04	10	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	54	2	0.04	26	1	0.04	10	0	0.00	18	1	0.06			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	57	0	0.00	26	0	0.00	13	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	57	0	0.00	26	0	0.00	13	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	50.	5	0	0.00	4	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	5.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	1300.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	12	2	0.17	7	1	0.14	2	0	0.00	3	1	0.33			
		Drinking Water	5000.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	50.	5	0	0.00	4	0	0.00				1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	3	0.75	1	0	0.00	3	3	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	29 &	22	0.76	12	11	0.92	7	3	0.43	10	8	0.80			
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	2.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	2	0.04	27	0	0.00	11	1	0.09	19	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	27	24.6	23.548	30.	11.9	26.827	5.179	15.24	20.5	27.8	29.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	27	360.	361.074	499.	240.	5545.379	74.467	259.6	298.	410.	481.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	25	7.2	7.5	12.4	4.1	2.846	1.687	5.8	6.5	8.45	9.76
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	26	7.6	7.631	9.1	5.4	0.356	0.597	7.27	7.475	7.9	8.15
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	26	7.6	6.753	9.1	5.4	1.158	1.076	7.27	7.475	7.9	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	26	0.025	0.177	3.981	0.001	0.602	0.776	0.008	0.013	0.034	0.054
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	27	86.	78.963	114.	0.	908.729	30.145	9.2	72.	100.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	18	10.5	15.611	100.	0.	484.016	22.	0.	6.	15.	34.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	21	0.052	0.052	0.097	0.	0.001	0.027	0.02	0.026	0.076	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	26	0.012	0.012	0.035	0.005	0.	0.008	0.005	0.005	0.016	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	26	0.805	0.765	1.53	0.06	0.136	0.368	0.174	0.528	1.043	1.221
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	22	0.554	0.548	1.1	0.02	0.097	0.312	0.027	0.421	0.749	0.997
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	18	0.08	0.078	0.108	0.022	0.	0.02	0.045	0.07	0.091	0.1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	17	0.039	0.043	0.084	0.013	0.001	0.023	0.019	0.021	0.06	0.083
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	25	0.023	0.023	0.068	0.	0.	0.02	0.004	0.005	0.036	0.055
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	26	142.	143.308	192.	106.	526.702	22.95	117.4	120.	154.5	178.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	15	1.3	1.713	3.1	0.6	0.721	0.849	0.72	0.9	2.7	2.98
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	27	16.	16.519	28.	7.	21.644	4.652	11.	13.	19.	23.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	11	8.	7.064	14.4	0.4	21.591	4.647	0.64	3.2	10.5	14.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	11	272.	251.182	393.	99.	9114.764	95.471	102.2	171.	333.	382.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	10	8.95	8.12	14.	0.4	27.886	5.281	0.48	1.5	12.825	13.95
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	10	7.55	7.5	8.1	7.	0.156	0.394	7.	7.075	7.825	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	10	7.525	7.351	8.1	7.	0.18	0.425	7.	7.075	7.825	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	10	0.03	0.045	0.1	0.008	0.001	0.036	0.008	0.015	0.085	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	11	68.	71.818	140.	42.	732.364	27.062	42.	50.	80.	129.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	12	6.	8.917	28.	2.	71.72	8.469	2.	2.	12.75	26.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	0.038	0.064	0.259	0.01	0.006	0.08	0.013	0.02	0.05	0.242
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	13	0.011	0.013	0.032	0.005	0.	0.008	0.005	0.005	0.019	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	13	1.39	1.618	2.63	1.02	0.231	0.481	1.032	1.325	1.96	2.478
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	12	0.417	0.394	0.761	0.02	0.058	0.241	0.044	0.13	0.609	0.718
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	11	0.069	0.077	0.198	0.03	0.002	0.047	0.031	0.046	0.092	0.179
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	11	0.04	0.042	0.092	0.01	0.001	0.025	0.011	0.015	0.062	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	13	0.012	0.023	0.078	0.004	0.001	0.023	0.004	0.008	0.035	0.071
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	120.	119.111	140.	90.	264.111	16.251	90.	106.	132.	140.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	9	2.8	2.822	3.6	2.1	0.279	0.529	2.1	2.35	3.3	3.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	11	18.	29.	138.	6.	1443.8	37.997	6.2	10.	25.	120.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	19	21.3	20.416	26.2	11.4	20.433	4.52	12.6	16.5	24.	25.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	19	257.	253.053	336.	140.	2392.942	48.918	170.	229.	282.	312.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	19	8.	7.542	10.3	0.	7.588	2.755	0.9	7.	9.6	10.2
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	18	8.05	8.011	8.8	6.4	0.385	0.62	6.94	7.7	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	18	8.047	7.439	8.8	6.4	0.731	0.855	6.94	7.7	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	18	0.009	0.036	0.398	0.002	0.009	0.093	0.002	0.003	0.02	0.13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	19	70.	69.579	114.	42.	300.257	17.328	46.	58.	80.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	13	12.	13.615	25.	8.	30.423	5.516	8.	8.5	17.5	23.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	15	0.028	0.075	0.35	0.01	0.009	0.095	0.016	0.02	0.075	0.276
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	18	0.016	0.017	0.036	0.005	0.	0.009	0.005	0.01	0.024	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	18	0.81	0.832	1.41	0.15	0.119	0.345	0.258	0.615	1.183	1.311
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	14	0.528	0.45	0.845	0.02	0.098	0.313	0.02	0.08	0.744	0.824
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	11	0.073	0.075	0.19	0.038	0.002	0.042	0.038	0.042	0.085	0.169
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	11	0.025	0.022	0.042	0.005	0.	0.011	0.005	0.013	0.029	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	18 ##	0.006	0.01	0.04	0.004	0.	0.009	0.004	0.004	0.015	0.024
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	19	106.	113.263	208.	64.	904.538	30.076	80.	96.	122.	140.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	12	2.6	2.213	4.2	0.05	1.806	1.344	0.095	1.05	3.275	3.99
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	19	16.	19.789	78.	9.	225.842	15.028	10.	13.	21.	31.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0349

NPS Station ID: GWMP0349 LAT/LON: 38.895005/ -77.056671 Agency: 21DCBAWQ Date Created: 06/18/88
Location: KNNEDY CENTER,WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS14
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 02070010003201.47 RF3 Mile Point: 1.56 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: KENNEDY CENTER WASH.,D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0349

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0350

NPS Station ID: GWMP0350 LAT/LON: 38.897226/ -77.033338 Agency: 111WS Date Created: 05/12/78
Location: WASHINGTON AQUEDUCT FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 014
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: N.ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 19.00 On/Off RF1:
RF3 Index: 02070010059700.00 RF3 Mile Point: 0.53 Distance from RF3: 0.37 On/Off RF3:
Description:
NATL.ORGANICS RECONNAISSANCE SURVEY OFF.OF RESEARCH & DEVEL.CINN,OHIO DELACARLIA PLANT

Parameter Inventory for Station: GWMP0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/13/75-02/13/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
81280	NONPURGEABLE ORGANIC CARBON MG/L	02/13/75-02/13/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0350

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0351

NPS Station ID: GWMP0351
LAT/LON: 38.897504/ -77.009170
Agency: 1119ORPF
Date Created: / /
Location: RGN 3
FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /AMBNT/ESTURY
STORET Station ID(s): PMN301 /001000108
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: WASHINGTON
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.490
Distance from RF1: 1.00
On/Off RF1: ON
RF3 Index: 02070010002500.00
RF3 Mile Point: 0.41
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	11/06/70-11/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	11/06/70-11/06/70	1	700.	700.	700.	700.	0.	0.	**	**	**	**
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	2.	2.724	9.	0.	7.779	2.789	0.	0.	5.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	8.	6.857	9.	0.	7.931	2.816	0.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	9.	9.305	22.	0.	14.964	3.868	4.	7.	12.	14.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	7.	6.019	8.	0.	6.115	2.473	0.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	3.	3.019	9.	0.	6.769	2.602	0.	0.	5.	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	7.	5.943	7.	0.	6.189	2.488	0.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	105	1.5	1.486	1.7	1.27	0.006	0.078	1.392	1.42	1.525	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	105	0.12	0.103	0.15	0.	0.002	0.043	0.	0.12	0.12	0.12
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	35	1.	1.857	7.	0.	5.185	2.277	0.	0.	4.	6.
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	35	0.	1.6	5.	0.	5.482	2.341	0.	0.	5.	5.
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	35	7.	7.114	9.	2.	3.398	1.843	4.	6.	9.	9.
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	35	0.	0.503	2.	0.	0.368	0.607	0.	0.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1969 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	1.	2.293	9.	0.	7.512	2.741	0.	0.	4.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	8.	5.073	8.	0.	15.22	3.901	0.	0.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	10.	9.195	16.	0.	12.111	3.48	4.	8.	11.	13.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	7.	4.463	8.	0.	11.805	3.436	0.	0.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	2.	2.512	8.	0.	6.456	2.541	0.	0.	4.	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	7.	4.439	7.	0.	11.652	3.414	0.	0.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	41	1.5	1.497	1.65	1.37	0.005	0.072	1.4	1.43	1.555	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	41	0.12	0.076	0.15	0.	0.003	0.059	0.	0.	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	1.	1.857	8.	0.	6.127	2.475	0.	0.	3.75	6.2
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	8.	7.964	8.	7.	0.036	0.189	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	11.	11.071	22.	5.	13.847	3.721	6.9	8.25	12.	17.1
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	7.	7.036	8.	7.	0.036	0.189	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	3.	3.143	9.	0.	7.016	2.649	0.	1.	5.	8.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	7.	6.786	7.	2.	0.915	0.957	6.9	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	28	1.5	1.507	1.7	1.4	0.004	0.066	1.4	1.5	1.5	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	28	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.121

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	5.	3.333	6.	0.	5.5	2.345	0.	1.	5.	6.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	11.	11.222	18.	7.	13.194	3.632	7.	8.	14.	18.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	4.	3.556	6.	0.	4.778	2.186	0.	1.5	5.	6.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	9	1.5	1.491	1.56	1.41	0.002	0.046	1.41	1.455	1.52	1.56
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	9	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	4.5	4.143	7.	0.	5.978	2.445	0.	2.	6.25	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	8.	8.214	13.	2.	14.181	3.766	3.	5.	12.	13.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	3.	4.	9.	0.	8.308	2.882	0.5	2.	5.75	9.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	14	1.42	1.409	1.5	1.31	0.004	0.063	1.325	1.348	1.48	1.495
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	14	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	4.5	4.333	9.	0.	11.152	3.339	0.	0.5	7.75	8.7
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	8.	8.083	9.	8.	0.083	0.289	8.	8.	8.	8.7
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	6.	6.083	11.	1.	6.992	2.644	1.6	4.25	8.	10.1
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	3.	3.167	7.	0.	6.697	2.588	0.	0.25	6.	6.7
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	12	1.53	1.473	1.57	1.27	0.011	0.106	1.288	1.365	1.563	1.57
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	12	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.127

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0352

NPS Station ID: GWMP0352 | LAT/LON: 38.898337/ -77.058060 | Agency: 21DCBAWQ | Date Created: 08/20/88
Location: SOUTH BANK OF ROCK CREEK D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 3.80 | On/Off RF1:
RF3 Index: 02070010003600.00 | RF3 Mile Point: 2.23 | Distance from RF3: 0.02 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: D.C. SOUTH BANK OF ROCK CREEK
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	62	17.15	16.384	30.5	1.4	83.381	9.131	3.69	6.975	25.05	27.11
00032	CLOUD COVER (PERCENT)	10/01/84-05/13/85	3	100.	70.	100.	10.	2700.	51.962	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/01/84-09/09/85	2	1.05	1.05	1.4	0.7	0.245	0.495	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	59	291.	302.356	528.	144.	6892.406	83.021	203.	252.	333.	426.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	62	8.55	8.56	13.6	0.2	9.401	3.066	3.37	7.375	10.475	12.74
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	60	7.85	7.922	9.4	6.6	0.22	0.469	7.4	7.6	8.175	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	60	7.847	7.683	9.4	6.6	0.278	0.527	7.4	7.6	8.175	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	60	0.014	0.021	0.251	0.	0.001	0.033	0.003	0.007	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0352

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	7	0.11	24	1	0.04	21	5	0.24	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	60	1	0.02	24	1	0.04	20	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	60	0	0.00	24	0	0.00	20	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1984 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	9	23.7	19.578	26.9	5.2	59.112	7.688	5.2	12.9	26.	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	9	260.	283.444	375.	230.	2530.778	50.307	230.	239.	320.	375.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	9	8.6	9.233	13.	6.5	5.99	2.447	6.5	7.15	11.85	13.
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	9	7.8	7.756	8.2	6.6	0.218	0.467	6.6	7.7	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	9	7.8	7.398	8.2	6.6	0.361	0.601	6.6	7.7	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	9	0.016	0.04	0.251	0.006	0.006	0.079	0.006	0.009	0.02	0.251

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	11	18.3	15.282	28.7	1.4	124.442	11.155	1.58	4.6	27.5	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	11	329.	353.	528.	252.	8000.2	89.444	255.6	281.	426.	516.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	11	7.6	8.127	13.6	1.4	15.978	3.997	1.6	7.1	12.8	13.54
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	11	7.9	8.118	8.9	7.8	0.144	0.379	7.8	7.8	8.3	8.86
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	11	7.9	8.009	8.9	7.8	0.157	0.396	7.8	7.8	8.3	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	11	0.013	0.01	0.016	0.001	0.	0.006	0.001	0.005	0.016	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	12	11.7	14.467	29.2	2.4	100.982	10.049	2.61	6.225	26.1	28.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	12	272.	273.5	446.	144.	6747.727	82.145	160.2	206.5	309.5	424.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	12	7.55	6.258	12.1	0.2	14.97	3.869	0.62	2.425	9.1	11.59
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	11	7.6	7.6	8.2	7.2	0.12	0.346	7.2	7.3	7.8	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	11	7.6	7.492	8.2	7.2	0.133	0.364	7.2	7.3	7.8	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	11	0.025	0.032	0.063	0.006	0.	0.021	0.007	0.016	0.05	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	10	17.5	17.5	30.5	5.	69.056	8.31	5.48	10.925	24.95	30.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	10	337.	337.9	526.	165.	14270.544	119.459	166.2	235.5	430.	520.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	10	9.25	9.	11.9	5.2	4.007	2.002	5.33	7.775	10.525	11.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	9	8.1	8.011	8.7	7.4	0.164	0.404	7.4	7.65	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	9	8.1	7.856	8.7	7.4	0.191	0.437	7.4	7.65	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	9	0.008	0.014	0.04	0.002	0.	0.012	0.002	0.005	0.023	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	11	14.9	15.291	27.2	2.2	89.933	9.483	2.42	5.	24.9	27.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	9	317.	302.667	336.	218.	1439.	37.934	218.	283.5	331.	336.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	11	9.9	9.764	13.5	7.6	3.665	1.914	7.64	8.1	10.7	13.24
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	11	8.	8.064	8.9	7.6	0.187	0.432	7.6	7.7	8.4	8.84
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	11	8.	7.912	8.9	7.6	0.212	0.46	7.6	7.7	8.4	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	11	0.01	0.012	0.025	0.001	0.	0.009	0.002	0.004	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-09/10/90	8	20.35	17.213	26.5	5.5	79.504	8.917	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-09/10/90	7	255.	249.286	311.	175.	1802.905	42.461	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-09/10/90	8	8.55	9.538	12.8	7.7	4.637	2.153	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/84-09/10/90	8	7.7	7.8	8.6	7.4	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-09/10/90	8	7.689	7.692	8.6	7.4	0.159	0.399	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-09/10/90	8	0.02	0.02	0.04	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0353

NPS Station ID: GWMP0353
LAT/LON: 38.900004/ -77.055559
Agency: 31POTOMA
Date Created: 01/24/81
Location: ROCK CREEK AT VIRGINIA AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101034.0 /RC7
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0101.00 0000.10
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 11.70
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 3.73
Distance from RF3: 0.81
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0353

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0354

NPS Station ID: GWMP0354 LAT/LON: 38.900281/ -77.061671 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROCK CREEK NORTH D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS12
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0096.75
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.400 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 2.29 Distance from RF3: 0.08 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	64	15.75	15.831	30.4	1.5	87.387	9.348	3.5	6.525	24.75	27.85
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/05/87	4	0.65	0.775	1.6	0.2	0.429	0.655	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	56	290.5	297.214	528.	119.	8314.79	91.185	174.	247.75	334.5	429.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	63	9.	8.883	13.7	0.5	9.243	3.04	4.94	7.4	11.4	12.66
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	53	7.8	7.887	8.9	7.1	0.189	0.435	7.34	7.6	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	53	7.8	7.706	8.9	7.1	0.222	0.471	7.34	7.6	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	53	0.016	0.02	0.079	0.001	0.	0.018	0.003	0.006	0.025	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	24	1	0.04	24	3	0.13	15	1	0.07			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	21	0	0.00	19	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	53	0	0.00	21	0	0.00	19	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.2	10.867	19.	6.4	49.773	7.055	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	252.	252.	354.	150.	20808.	144.25	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	10.967	12.2	8.6	4.203	2.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	7	24.	17.943	29.3	3.7	129.1	11.362	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	150.	183.333	281.	119.	7394.333	85.99	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	7	9.2	9.586	13.6	6.7	7.375	2.716	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.6	11.6	18.1	5.1	42.25	6.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	260.	270.333	315.	236.	1640.333	40.501	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.1	11.	12.7	9.2	3.07	1.752	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	3	0.016	0.016	0.02	0.013	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	19.9	16.33	28.7	1.5	125.06	11.183	1.58	4.1	27.7	28.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	342.	360.6	528.	250.	8295.822	91.081	252.1	279.25	434.75	522.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	7.45	8.59	13.7	1.4	14.152	3.762	1.94	7.025	12.8	13.67
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	10	7.9	8.02	8.9	7.2	0.237	0.487	7.24	7.75	8.375	8.87
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	10	7.9	7.8	8.9	7.2	0.291	0.54	7.24	7.75	8.375	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	10	0.013	0.016	0.063	0.001	0.	0.018	0.001	0.004	0.018	0.059

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	11.75	14.467	29.2	2.4	100.477	10.024	2.67	6.375	26.025	28.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	271.5	273.583	446.	144.	6726.083	82.013	159.9	208.75	309.5	424.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.25	6.233	11.9	0.5	14.361	3.79	0.71	2.475	9.15	11.45
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	11	7.5	7.564	8.2	7.1	0.127	0.356	7.12	7.3	7.7	8.18
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	11	7.5	7.452	8.2	7.1	0.14	0.374	7.12	7.3	7.7	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	11	0.032	0.035	0.079	0.006	0.001	0.023	0.007	0.02	0.05	0.076

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.7	17.56	30.4	5.	68.147	8.255	5.49	11.025	25.	29.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	338.	337.2	528.	167.	14277.956	119.49	168.	235.5	426.5	522.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	9	9.3	9.067	11.6	5.3	4.04	2.01	5.3	7.65	10.75	11.6
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	9	8.1	8.011	8.7	7.4	0.171	0.414	7.4	7.6	8.25	8.7
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	9	8.1	7.844	8.7	7.4	0.203	0.45	7.4	7.6	8.25	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	9	0.008	0.014	0.04	0.002	0.	0.013	0.002	0.006	0.026	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.8	15.3	27.1	2.6	88.898	9.429	2.74	5.	24.8	26.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	317.	301.333	335.	218.	1437.25	37.911	218.	282.	331.5	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	9.782	13.5	7.6	3.614	1.901	7.66	8.	10.7	13.2
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	11	8.	8.1	8.9	7.5	0.178	0.422	7.54	7.8	8.4	8.84
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	11	8.	7.945	8.9	7.5	0.205	0.452	7.54	7.8	8.4	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	11	0.01	0.011	0.032	0.001	0.	0.009	0.002	0.004	0.016	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.6	17.425	27.	5.6	82.379	9.076	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	273.	258.	312.	178.	1806.667	42.505	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.65	9.588	12.8	7.6	4.616	2.148	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	8	7.7	7.825	8.6	7.4	0.142	0.377	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	8	7.689	7.717	8.6	7.4	0.155	0.394	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	8	0.02	0.019	0.04	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	25.15	24.242	30.4	14.8	18.823	4.338	16.65	21.575	27.075	28.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	342.	352.85	528.	206.	6742.239	82.111	273.	287.75	405.75	475.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.9	7.717	10.5	0.5	3.488	1.868	6.15	7.225	8.825	9.25
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	21	7.9	7.895	8.7	7.3	0.127	0.357	7.42	7.65	8.05	8.54
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	21	7.9	7.775	8.7	7.3	0.143	0.378	7.42	7.65	8.05	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	21	0.013	0.017	0.05	0.002	0.	0.012	0.003	0.009	0.023	0.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	5.6	5.95	11.6	1.5	8.481	2.912	2.35	3.4	7.65	11.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	22	286.5	283.773	528.	119.	8182.565	90.458	150.	244.25	323.	407.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	11.85	10.346	13.7	1.2	14.253	3.775	2.2	10.025	12.675	13.55
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.9	7.926	8.9	7.1	0.233	0.483	7.2	7.6	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.9	7.687	8.9	7.1	0.294	0.542	7.2	7.6	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	19	0.013	0.021	0.079	0.001	0.001	0.023	0.003	0.006	0.025	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	16	18.05	18.038	29.3	6.9	50.571	7.111	8.23	11.	23.95	28.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	244.5	238.857	333.	144.	3370.593	58.057	155.5	177.75	284.	325.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	15	8.1	8.407	11.4	2.3	5.545	2.355	4.94	7.1	10.7	11.4
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	13	7.7	7.815	8.9	7.3	0.248	0.498	7.34	7.4	8.1	8.78
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	13	7.7	7.638	8.9	7.3	0.282	0.531	7.34	7.4	8.1	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	13	0.02	0.023	0.05	0.001	0.	0.016	0.002	0.009	0.04	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0355

NPS Station ID: GWMP0355 LAT/LON: 38.900865/ -77.058976 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 01/H. THOMPSON /BOAT HOUSE
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.30 On/Off RF1:
RF3 Index: 02070010003612.38 RF3 Mile Point: 12.55 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/30/71	32	24.	23.463	26.	19.	3.219	1.794	20.15	23.	24.725	25.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/30/71	33	25.	24.933	29.5	19.	7.682	2.772	21.	23.	27.1	28.6
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	29	7.2	7.262	9.6	5.5	0.655	0.809	6.6	6.8	7.8	8.6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	30	0.673	0.73	2.862	0.063	0.248	0.498	0.177	0.497	0.87	1.172
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	43	24000.	204572.093	2400000.	2300.2017574	38726.467	449174.174	4300.	9300.	140000.	844000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	43	4.38	4.567	6.38	3.362	0.651	0.807	3.633	3.968	5.146	5.89
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36876.066								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/15/71-08/12/71	43	4300.	26953.488	240000.	400.	3023942070.875	54990.382	1140.	2300.	15000.	103200.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/15/71-08/12/71	43	3.633	3.856	5.38	2.602	0.462	0.68	3.043	3.362	4.176	5.012
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			7174.461								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	11	4000.	16818.182	91000.	900.	747521636.364	27340.842	1180.	2300.	15000.	81400.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	11	3.602	3.834	4.959	2.954	0.344	0.587	3.036	3.362	4.176	4.894
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6829.746								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	42	16500.	46915.476	300000.	1500.	5406040303.426	73525.78	5470.	10000.	42250.	130000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	42	4.217	4.321	5.477	3.176	0.282	0.531	3.737	4.	4.626	5.114
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			20961.328								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/18/71-08/12/71	30	0.03	0.036	0.18	0.007	0.001	0.033	0.01	0.02	0.04	0.059

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0355

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	15	0	0.00				14	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	30	3	0.10	24	2	0.08				6	1	0.17			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	43	1.00	27	27	1.00				16	16	1.00			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	42 &	42	1.00	26	26	1.00				16	16	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0356

NPS Station ID: GWMP0356 | LAT/LON: 38.901392/ -77.065837 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: ROOSEVELT ISLAND, WASH., D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS11
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0097.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010036 | RF1 Mile Point: 0.010 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.84 | Distance from RF3: 0.05 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: ROOSEVELT ISLAND, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	42	15.45	15.495	29.3	1.6	91.001	9.539	3.36	5.7	25.575	28.24
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	100.	65.7	100.	0.	2231.567	47.239	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.7	1.6	0.2	0.61	0.781	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	35	280.	285.543	530.	119.	7966.138	89.253	166.8	236.	326.	428.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	31	9.9	9.942	13.6	6.1	5.715	2.391	6.88	7.8	12.4	13.36
00400	PH (STANDARD UNITS)	11/19/85-09/10/90	30	7.8	7.837	8.9	7.2	0.182	0.427	7.21	7.575	8.025	8.57
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-09/10/90	30	7.8	7.667	8.9	7.2	0.212	0.461	7.21	7.575	8.025	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-09/10/90	30	0.016	0.022	0.063	0.001	0.	0.019	0.003	0.009	0.027	0.062

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0356

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	0	0.00	11	0	0.00	12	0	0.00	8	0	0.00			
00400	PH	Other-Hi Lim.	9.	30	0	0.00	11	0	0.00	13	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	30	0	0.00	11	0	0.00	13	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	15	25.5	23.967	29.3	14.7	19.917	4.463	16.74	19.	28.1	28.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	13	315.	346.769	530.	204.	8156.026	90.311	230.8	282.5	413.5	506.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.9	8.245	10.6	7.2	1.091	1.044	7.22	7.3	9.1	10.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	5.6	5.7	11.5	1.6	7.556	2.749	2.16	3.4	7.3	10.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	15	251.	252.467	418.	119.	6232.838	78.948	135.8	198.	315.	364.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	12.5	12.383	13.6	10.	1.045	1.022	10.39	11.875	13.325	13.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	19.25	19.44	29.2	8.8	52.014	7.212	8.94	13.2	26.375	29.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	255.	242.714	283.	178.	1288.905	35.901	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.45	8.612	11.6	6.1	4.533	2.129	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0357

NPS Station ID: GWMP0357
LAT/LON: 38.901948/ -77.070281
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT KEY BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-001 /001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003100.05
RF3 Mile Point: 0.27
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	91	22.5	19.162	30.3	2.	68.626	8.284	5.1	14.	25.5	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-06/23/76	26	12.5	19.977	65.	1.4	313.498	17.706	2.85	9.	34.5	48.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	13	10.5	31.608	150.	3.5	1980.832	44.507	3.66	7.9	30.5	132.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	41	24.	26.927	108.	4.	394.02	19.85	8.4	13.5	33.5	46.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	18	0.585	6.043	99.	0.23	538.285	23.201	0.239	0.28	0.76	11.061
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	10	305.	309.3	397.	200.	4888.9	69.921	203.	245.	380.	395.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	5	7.9	7.86	9.6	5.5	2.403	1.55	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	90	8.8	9.281	14.6	0.01	7.263	2.695	7.11	7.6	10.95	13.67
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	38	3.1	13.934	62.	0.5	345.004	18.574	0.79	1.4	24.75	46.29
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.56	7.505	8.88	6.25	0.666	0.816	6.35	6.95	8.29	8.768
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.56	6.975	8.88	6.25	0.97	0.985	6.35	6.95	8.29	8.768
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.028	0.106	0.562	0.001	0.026	0.162	0.002	0.005	0.113	0.464
00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	30	0.136	9.713	25.1	0.02	114.244	10.689	0.02	0.037	21.05	23.23
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	71	0.053	0.063	0.25	0.001	0.002	0.047	0.015	0.038	0.073	0.119
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	33	0.013	0.069	1.26	0.005	0.053	0.23	0.005	0.01	0.022	0.075
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	34	0.28	0.424	1.47	0.02	0.19	0.436	0.02	0.03	0.788	1.105
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	30	0.336	23.035	410.	0.001	5455.112	73.859	0.11	0.253	21.85	23.444
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	104	0.586	3.54	26.32	0.067	57.856	7.606	0.303	0.412	0.821	21.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	71	0.83	0.815	1.63	0.001	0.191	0.437	0.234	0.46	1.15	1.358
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	83	0.27	0.421	5.46	0.04	0.428	0.654	0.14	0.2	0.43	0.68
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	7	0.13	0.147	0.31	0.08	0.006	0.079	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	72	0.08	0.115	0.82	0.008	0.014	0.118	0.02	0.043	0.158	0.257
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/16/81	24	0.369	0.398	1.07	0.053	0.095	0.307	0.061	0.078	0.571	0.876
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/16/81	20	0.097	0.163	0.423	0.017	0.021	0.143	0.02	0.032	0.305	0.405
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/16/81	20	0.079	0.094	0.27	0.004	0.007	0.084	0.004	0.019	0.157	0.243
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	79	5.9	7.728	29.1	0.5	29.328	5.416	3.2	4.6	9.4	13.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/14/79	3	2.1	2.6	4.2	1.5	2.01	1.418	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	44	23.15	22.011	30.9	7.2	35.564	5.964	12.6	19.25	25.825	29.15
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	107.	107.	107.	107.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3071.	2918.667	3920.	1760.	528706.667	727.122	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	4205.	4205.	7000.	1410.	15624050.	3952.727	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.497	3.497	3.845	3.149	0.242	0.492	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3141.656								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	405.	405.	790.	20.	296450.	544.472	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.099	2.099	2.898	1.301	1.275	1.129	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			125.698								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	8	0.017	0.022	0.054	0.003	0.	0.021	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/21/81-08/04/81	2	27.665	27.665	28.11	27.22	0.396	0.629	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	10 ##	0.052	0.1	0.366	0.02	0.012	0.112	0.02	0.02	0.159	0.347

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0357

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	26	1	0.04	13	0	0.00	5	0	0.00	8	1	0.13			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	2	0.15	9	2	0.22				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	90	2	0.02	39	2	0.05	20	0	0.00	31	0	0.00			
00400	PH	Other-Hi Lim.	9.	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	2	0.15	8	2	0.25	2	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	33	1	0.03	26	1	0.04				7	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	34	0	0.00	26	0	0.00				8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	71	0	0.00	26	0	0.00	20	0	0.00	25	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	21.75	18.159	26.	2.5	55.581	7.455	4.7	11.75	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	21	8.3	9.271	13.9	7.2	4.777	2.186	7.3	7.5	11.1	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	19	0.044	0.057	0.25	0.001	0.003	0.057	0.001	0.02	0.076	0.114
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	19	0.719	0.719	1.401	0.067	0.105	0.324	0.236	0.5	0.853	1.238
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	19	0.83	0.771	1.35	0.34	0.115	0.34	0.36	0.44	1.05	1.35
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	19	0.31	0.648	5.46	0.2	1.407	1.186	0.2	0.24	0.52	1.08
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	19	0.11	0.187	0.82	0.04	0.035	0.187	0.05	0.08	0.27	0.44
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	5.9	6.46	13.	2.5	11.22	3.35	2.61	4.125	8.175	12.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	17.	17.	28.	3.5	88.318	9.398	3.5	9.	27.75	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	12	9.35	9.008	14.6	0.5	16.292	4.036	1.67	6.675	11.575	14.57
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.058	0.06	0.127	0.001	0.001	0.035	0.01	0.039	0.071	0.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	12	0.682	0.619	1.036	0.133	0.077	0.278	0.15	0.386	0.829	0.991
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	12	0.475	0.606	1.36	0.01	0.263	0.513	0.013	0.2	1.123	1.36
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.215	0.457	2.83	0.1	0.586	0.766	0.103	0.125	0.348	2.191
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	12	0.07	0.105	0.27	0.04	0.006	0.079	0.04	0.053	0.14	0.264
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	6.55	6.22	11.2	1.9	11.031	3.321	2.	3.05	8.95	11.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	14.	15.091	24.5	3.	73.091	8.549	3.2	7.	23.5	24.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	10.8	10.855	14.5	7.2	6.621	2.573	7.48	8.8	13.4	14.42
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	11	0.055	0.082	0.25	0.015	0.004	0.066	0.019	0.045	0.11	0.226
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	0.54	0.538	0.674	0.37	0.01	0.102	0.374	0.45	0.627	0.669
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	11	1.19	1.081	1.49	0.37	0.132	0.363	0.376	1.06	1.3	1.462
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	11	0.27	0.299	0.65	0.15	0.023	0.152	0.152	0.18	0.32	0.622
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	11	0.11	0.122	0.24	0.06	0.003	0.057	0.06	0.08	0.16	0.228
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	11	5.8	6.618	12.6	3.6	9.284	3.047	3.62	4.	7.5	12.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	19.	17.464	27.	5.	65.249	8.078	5.25	8.25	25.	26.75
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	9.	9.436	13.4	6.4	4.886	2.21	6.65	7.575	11.525	13.25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	14	0.053	0.049	0.075	0.001	0.001	0.023	0.001	0.044	0.066	0.073
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	14	0.629	0.585	0.962	0.283	0.056	0.237	0.288	0.366	0.756	0.937
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	14	0.775	0.911	1.63	0.46	0.15	0.388	0.475	0.578	1.148	1.625
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	14	0.265	0.354	0.95	0.13	0.054	0.231	0.13	0.22	0.52	0.8
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	14	0.065	0.087	0.18	0.01	0.003	0.057	0.015	0.04	0.153	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	14	6.1	6.636	10.5	3.7	4.29	2.071	4.15	4.9	8.425	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	8	24.	20.5	29.	2.5	94.714	9.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	9	8.1	9.611	14.5	7.	8.439	2.905	7.	7.5	12.75	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	9	0.065	0.077	0.175	0.022	0.002	0.05	0.022	0.038	0.113	0.175
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	9	0.562	0.588	0.912	0.421	0.024	0.154	0.421	0.492	0.671	0.912
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	9	0.58	0.539	1.09	0.001	0.186	0.431	0.001	0.05	0.975	1.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	0.25	0.268	0.4	0.17	0.008	0.092	0.17	0.19	0.375	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	9	0.02	0.032	0.09	0.008	0.001	0.034	0.008	0.01	0.06	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	9	5.9	6.922	12.1	4.6	6.709	2.59	4.6	4.95	8.85	12.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.75	27.375	29.	25.	2.896	1.702	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	8.3	8.15	8.6	7.4	0.277	0.526	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.053	0.066	0.114	0.044	0.001	0.032	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	4	0.509	0.535	0.712	0.41	0.018	0.133	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	4	1.025	0.932	1.43	0.25	0.277	0.527	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.32	0.318	0.46	0.17	0.022	0.149	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.1	0.098	0.16	0.03	0.005	0.072	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	4	5.4	5.425	8.4	2.5	5.829	2.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.	15.	28.	2.	338.	18.385	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.1	11.1	14.1	8.1	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.087	0.087	0.087	0.087	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	2	0.44	0.44	0.571	0.309	0.034	0.185	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	2	1.355	1.355	1.47	1.24	0.026	0.163	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.255	0.255	0.47	0.04	0.092	0.304	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.095	0.095	0.17	0.02	0.011	0.106	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	2	5.15	5.15	5.9	4.4	1.125	1.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	30.1	30.1	30.1	30.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	23.6	21.891	30.	14.	26.859	5.183	14.54	17.	26.5	29.48
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.8	8.128	10.9	0.01	8.578	2.929	1.468	7.6	9.9	10.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	10	0.346	0.366	0.516	0.255	0.008	0.089	0.256	0.284	0.452	0.512
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	11	0.3	0.406	0.9	0.14	0.059	0.243	0.16	0.25	0.54	0.878
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	7	4.5	3.957	7.4	0.5	4.636	2.153	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	30.3	30.3	30.3	30.3	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	22.03	18.836	26.32	0.344	87.59	9.359	0.347	20.26	25.18	26.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	11	20.2	16.973	29.1	3.6	68.708	8.289	3.82	12.	22.3	28.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.6	25.	29.1	18.3	16.14	4.017	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	8.6	8.75	10.7	7.1	2.517	1.586	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	0.613	10.281	23.68	0.296	128.819	11.35	0.302	0.418	21.8	23.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	42	25.	23.99	30.3	13.5	23.781	4.877	15.	22.875	27.425	29.07
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	16	23.5	25.188	72.	11.	209.763	14.483	11.7	15.25	27.5	46.8
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	39	8.	7.816	10.9	0.01	4.858	2.204	6.4	7.3	8.9	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	26	4.1	18.208	62.	0.5	425.533	20.628	1.08	2.05	45.225	48.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	27	0.053	0.061	0.25	0.001	0.003	0.052	0.001	0.03	0.07	0.128
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	25	12.89	26.782	410.	0.001	6490.027	80.561	0.13	0.259	22.065	24.116
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	52	0.667	6.117	26.32	0.255	95.078	9.751	0.346	0.412	15.454	23.318
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	26	0.54	0.641	1.49	0.001	0.225	0.475	0.017	0.318	1.153	1.374
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	34	0.275	0.402	2.83	0.15	0.219	0.468	0.175	0.228	0.378	0.67
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	27	0.06	0.114	0.82	0.008	0.028	0.167	0.01	0.03	0.16	0.216
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	38	6.8	9.605	29.1	2.5	46.642	6.829	3.56	4.8	12.025	21.76
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	21	25.5	25.571	30.9	19.7	11.336	3.367	20.18	23.25	28.25	30.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	19	5.5	6.079	12.	2.	9.563	3.092	2.5	3.5	8.5	11.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	10	31.	36.9	108.	4.	1068.544	32.689	4.4	11.	54.	104.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	20	13.4	13.05	14.6	11.1	1.63	1.277	11.14	11.6	14.1	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	19	0.065	0.084	0.25	0.04	0.003	0.055	0.044	0.045	0.11	0.175
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	20	0.464	0.468	1.238	0.067	0.065	0.255	0.143	0.297	0.599	0.713
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	20	1.15	1.144	1.63	0.67	0.07	0.265	0.74	0.92	1.35	1.594
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	20	0.245	0.536	5.46	0.04	1.375	1.173	0.102	0.133	0.398	0.704
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	20	0.095	0.135	0.3	0.02	0.008	0.089	0.024	0.08	0.225	0.279
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	20	4.5	5.335	13.	1.9	8.189	2.862	2.54	3.525	6.325	11.04
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	12	18.8	19.708	28.	15.4	17.534	4.187	15.55	16.125	22.875	26.59

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	30	21.25	20.687	28.	7.5	25.107	5.011	15.	18.825	24.	27.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	15	24.	22.133	39.	6.	114.981	10.723	6.	12.	28.	37.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	31	8.5	8.694	12.2	6.6	1.742	1.32	7.22	7.7	9.5	9.98
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	12	1.65	4.675	24.6	0.5	56.657	7.527	0.56	1.05	2.875	21.96
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	25	0.045	0.049	0.114	0.001	0.001	0.03	0.009	0.027	0.065	0.098
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	5	0.263	4.302	20.6	0.1	83.013	9.111	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	32	0.586	1.271	21.16	0.189	13.233	3.638	0.328	0.473	0.757	1.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	25	0.68	0.733	1.47	0.19	0.137	0.37	0.242	0.43	1.065	1.158
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	29	0.3	0.364	0.95	0.11	0.048	0.219	0.14	0.2	0.455	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	25	0.08	0.099	0.27	0.01	0.005	0.068	0.016	0.055	0.145	0.208
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	21	6.4	6.61	11.2	0.5	6.578	2.565	4.32	4.9	7.85	10.82
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	11	21.6	17.727	25.6	7.2	57.796	7.602	7.26	9.3	24.5	25.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0358

NPS Station ID: GWMP0358
LAT/LON: 38.901948/ -77.070281
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC RIVER AT KEY BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-001 /001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.22
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0358

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0359

NPS Station ID: GWMP0359 | LAT/LON: 38.902226/ -77.069726 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: EAST SIDE OF KEY BRIDGE D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): PMS10
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0097.25
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010038 | RF1 Mile Point: 0.200 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.85 | Distance from RF3: 0.06 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: EAST SIDE OF KEY BRIDGE D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	540	22.4	19.904	31.3	0.1	55.066	7.421	9.53	14.3	26.075	28.19
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	42	15.	49.095	100.	0.	2282.674	47.777	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	99	0.9	0.947	2.9	0.1	0.328	0.573	0.3	0.5	1.2	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	484	296.5	317.952	2335.	119.	16124.377	126.982	216.	254.25	380.	449.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	530	8.2	8.128	14.1	0.	5.21	2.282	5.6	7.	9.5	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	63	1.1	1.176	3.3	0.5	0.564	0.751	0.5	0.5	1.5	2.3
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	497	7.8	7.852	9.1	6.4	0.196	0.442	7.3	7.6	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	497	7.8	7.644	9.1	6.4	0.239	0.489	7.3	7.6	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	497	0.016	0.023	0.398	0.001	0.001	0.03	0.003	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	108	76.	76.028	120.	36.	310.438	17.619	50.	64.	90.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	76	9.	23.658	496.	2.	3491.721	59.091	2.	4.25	24.	47.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	109 ##	0.02	0.046	0.239	0.	0.002	0.043	0.02	0.02	0.062	0.101
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	110	0.012	0.013	0.047	0.005	0.	0.009	0.005	0.005	0.017	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	110	1.235	1.186	2.19	0.07	0.202	0.449	0.566	0.847	1.46	1.767
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	72	0.465	0.529	2.46	0.1	0.113	0.336	0.219	0.349	0.651	0.838
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	67	0.067	0.084	0.526	0.018	0.005	0.069	0.03	0.049	0.095	0.143
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	66	0.042	0.049	0.146	0.005	0.001	0.032	0.012	0.026	0.069	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	103	0.022	0.028	0.1	0.004	0.001	0.023	0.004	0.008	0.041	0.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	52	3.55	3.763	11.5	1.2	3.1	1.761	1.93	2.425	4.8	5.67
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	68	3.45	3.368	6.4	0.5	1.337	1.156	1.99	2.5	4.075	4.73
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	107	118.	117.991	192.	1.	1065.896	32.648	85.6	98.	134.	158.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	50.	48.	68.	26.	444.	21.071	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	45	2.6	2.248	3.8	0.05	1.238	1.113	0.46	1.2	3.25	3.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	19 ##	2.5	2.421	2.5	1.	0.118	0.344	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	19 ##	5.	5.132	10.	2.5	1.718	1.311	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	19 ##	11.	8.868	12.5	5.	14.329	3.785	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	19	290.	564.053	1830.	66.	299991.497	547.715	144.	171.	827.	1750.
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	19 ##	25.	28.079	106.	2.5	382.618	19.561	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	18	30.	80.833	564.	5.	17749.206	133.226	5.	13.75	97.75	239.1
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-07/16/90	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	34	1355.	9366.618	120000.	20.	482533398.061	21966.643	95.	305.	7900.	34000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	34	3.132	3.184	5.079	1.301	0.833	0.913	1.972	2.479	3.898	4.531

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1528.114								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	225.	4035.083	120000.	10.	397556223.964	19938.812	10.	27.5	700.	3080.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	2.352	2.284	5.079	1.	0.86	0.927	1.	1.401	2.845	3.46
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			192.436								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	4	610.	645.	1200.	160.	211300.	459.674	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	4	2.758	2.7	3.079	2.204	0.148	0.385	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			500.949								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	4	1000.	7117.5	26400.	70.	165549891.667	12866.619	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	4	2.962	3.048	4.422	1.845	1.139	1.067	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			1116.208								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	30	3.5	6.917	25.	0.	65.415	8.088	0.5	1.	10.	24.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	31	2.	11.403	49.	0.	261.374	16.167	0.5	1.	15.	39.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	109	12.	26.	234.	3.	1491.111	38.615	5.	8.	23.	84.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0359

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	530	26	0.05	281	5	0.02	79	12	0.15	170	9	0.05			
00400	PH	Other-Hi Lim.	9.	497	2	0.00	265	0	0.00	72	2	0.03	160	0	0.00			
		Other-Lo Lim.	6.5	497	1	0.00	265	1	0.00	72	0	0.00	160	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	110	0	0.00	44	0	0.00	33	0	0.00	33	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	110	0	0.00	44	0	0.00	33	0	0.00	33	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1300.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	1	0.05	8	1	0.13	6	0	0.00	5	0	0.00			
		Drinking Water	15.	2 &	1	0.50	1	1	1.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	3	0.17	7	1	0.14	6	0	0.00	5	2	0.40			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33 &	18	0.55	11	7	0.64	13	7	0.54	9	4	0.44			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35 &	19	0.54	12	7	0.58	13	7	0.54	10	5	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	3	0.75	3	2	0.67				1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	109	14	0.13	42	6	0.14	34	3	0.09	33	5	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	11	18.7	16.591	18.9	6.7	22.741	4.769	6.8	18.6	18.8	18.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	3	1.	0.9	1.4	0.3	0.31	0.557	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	3	245.	246.667	345.	150.	9508.333	97.511	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	11	8.6	9.236	12.3	8.4	2.089	1.445	8.42	8.5	8.7	12.24
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	3	7.1	7.133	7.3	7.	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	3	7.1	7.116	7.3	7.	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	3	0.079	0.077	0.1	0.05	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	3	90.	81.333	106.	48.	897.333	29.956	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3	0.042	0.046	0.069	0.026	0.	0.022	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	3	1.31	1.26	1.63	0.84	0.158	0.397	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	3	0.331	0.316	0.382	0.236	0.005	0.074	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	3	0.103	0.099	0.109	0.084	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	3	0.066	0.067	0.089	0.046	0.	0.022	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	3	0.052	0.053	0.071	0.035	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	4.3	3.533	4.6	1.7	2.543	1.595	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	3	12.	22.333	48.	7.	500.333	22.368	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	31	23.6	22.306	29.3	3.4	59.009	7.682	9.88	14.2	27.8	29.28
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	5	0.5	0.56	1.	0.2	0.113	0.336	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	12	215.	219.5	342.	119.	3574.818	59.79	127.7	185.75	256.5	325.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	31	8.4	8.216	13.8	5.5	3.773	1.943	5.84	7.	9.9	10.42
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.25	1.5	3.2	0.5	0.846	0.92	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	16	7.4	7.481	7.8	6.6	0.118	0.343	7.02	7.3	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	16	7.4	7.324	7.8	6.6	0.144	0.379	7.02	7.3	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	16	0.04	0.047	0.251	0.016	0.003	0.057	0.016	0.016	0.05	0.12
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	7	70.	69.143	90.	46.	286.476	16.926	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	0.045	0.058	0.109	0.02	0.001	0.035	0.02	0.026	0.098	0.109
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	0.012	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.021	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	9	1.52	1.553	2.19	0.78	0.221	0.47	0.78	1.2	2.02	2.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	9	0.414	0.457	0.856	0.211	0.043	0.208	0.211	0.296	0.621	0.856
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	9	0.083	0.105	0.249	0.047	0.004	0.063	0.047	0.063	0.133	0.249
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	9	0.031	0.048	0.13	0.006	0.002	0.041	0.006	0.02	0.077	0.13
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	9	0.022	0.033	0.1	0.004	0.001	0.035	0.004	0.004	0.06	0.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	5	3.1	2.52	4.2	1.	1.987	1.41	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	8	93.	97.75	134.	70.	531.929	23.064	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	7	32.	47.857	120.	9.	1911.476	43.72	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	19	18.	15.168	18.6	5.1	17.279	4.157	11.5	11.5	18.6	18.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	4	0.85	0.8	1.2	0.3	0.153	0.392	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	19	311.	348.421	476.	235.	10384.924	101.906	258.	259.	475.	476.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	19	9.	9.758	12.5	8.2	2.207	1.486	8.3	8.3	11.3	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	16	7.9	7.981	8.3	7.7	0.044	0.21	7.77	7.8	8.2	8.23

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Annual Analysis for 1985 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	16	7.889	7.936	8.3	7.7	0.046	0.216	7.77	7.8	8.2	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	16	0.013	0.012	0.02	0.005	0.	0.005	0.006	0.006	0.016	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	4	83.	86.5	120.	60.	857.	29.275	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.05	0.084	0.217	0.02	0.008	0.09	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	0.011	0.01	0.012	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	4	1.275	1.28	1.73	0.84	0.179	0.423	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	4	0.55	0.55	0.652	0.449	0.007	0.083	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	4	0.097	0.115	0.202	0.064	0.004	0.061	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	4	0.076	0.069	0.085	0.039	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	4	0.059	0.053	0.072	0.021	0.001	0.022	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	2.5	2.467	4.4	0.5	3.803	1.95	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	4	136.	138.5	178.	104.	1243.667	35.266	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	4	12.5	29.25	84.	8.	1338.25	36.582	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	81	24.1	22.3	29.7	1.6	45.257	6.727	14.36	17.9	28.15	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	19	0.9	1.074	2.4	0.1	0.281	0.53	0.6	0.7	1.5	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	81	383.	387.914	546.	216.	8885.655	94.264	273.	299.	471.	526.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	80	6.9	7.181	13.5	0.	4.553	2.134	5.13	6.225	8.575	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	11	1.2	1.5	3.3	0.5	0.972	0.986	0.5	0.5	2.3	3.22
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	81	7.9	7.983	8.9	7.1	0.221	0.47	7.4	7.75	8.3	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	81	7.9	7.783	8.9	7.1	0.262	0.511	7.4	7.75	8.3	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	81	0.013	0.016	0.079	0.001	0.	0.015	0.002	0.005	0.018	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	80.	78.8	110.	50.	223.747	14.958	60.	64.	87.5	102.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	18 ##	0.02	0.031	0.086	0.	0.001	0.025	0.018	0.02	0.03	0.082
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.018	0.02	0.041	0.005	0.	0.009	0.005	0.014	0.027	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	19	0.68	0.785	1.95	0.07	0.294	0.542	0.1	0.24	1.1	1.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	19	0.501	0.564	1.16	0.1	0.07	0.264	0.295	0.353	0.741	1.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	18	0.05	0.052	0.082	0.025	0.	0.018	0.028	0.036	0.068	0.078
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	18	0.028	0.029	0.06	0.005	0.	0.016	0.005	0.016	0.042	0.056
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	18	0.013	0.013	0.03	0.004	0.	0.01	0.004	0.004	0.021	0.029
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	2.95	3.067	5.2	2.	0.808	0.899	2.09	2.325	3.475	4.84
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	133.	135.3	190.	92.	788.747	28.085	94.2	116.5	155.5	184.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	10.	19.5	198.	4.	1777.842	42.164	5.1	8.	12.	18.6

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Annual Analysis for 1987 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	109	16.3	18.926	29.2	2.5	59.89	7.739	8.	12.8	26.6	28.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	18	0.9	0.956	2.2	0.1	0.328	0.573	0.19	0.5	1.325	1.93
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	109	262.	294.321	461.	144.	5801.183	76.165	215.	243.	369.	427.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	106	7.4	6.805	12.2	0.3	8.127	2.851	1.9	5.675	9.1	9.53
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.	1.267	3.	0.5	0.69	0.831	0.5	0.5	1.75	3.
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	101	7.7	7.712	8.8	6.7	0.214	0.463	7.2	7.4	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	101	7.7	7.505	8.8	6.7	0.257	0.507	7.2	7.4	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	101	0.02	0.031	0.2	0.002	0.001	0.032	0.005	0.01	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	79.	77.2	100.	40.	321.432	17.929	46.4	67.	90.	100.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20 ##	0.02	0.037	0.212	0.02	0.002	0.046	0.02	0.02	0.02	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20 ##	0.009	0.013	0.047	0.005	0.	0.011	0.005	0.005	0.017	0.03

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Annual Analysis for 1987 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	1.325	1.294	1.99	0.27	0.194	0.44	0.572	1.053	1.685	1.869
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	6 ##	0.1	0.606	2.46	0.1	0.898	0.948	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	6	0.053	0.141	0.526	0.022	0.038	0.196	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	5	0.04	0.044	0.07	0.019	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	20	0.025	0.026	0.079	0.004	0.001	0.023	0.004	0.004	0.033	0.074
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.3	3.275	6.4	1.	2.12	1.456	1.27	2.1	4.175	5.89
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	113.	114.5	174.	24.	1107.316	33.276	74.	96.5	130.	157.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	9.5	19.4	144.	4.	1025.411	32.022	4.1	6.25	14.25	57.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	80	24.2	21.396	31.3	0.1	63.682	7.98	9.9	14.1	26.8	30.29
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	16	1.1	1.056	2.7	0.1	0.461	0.679	0.17	0.425	1.375	2.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	80	384.5	356.688	532.	166.	7068.268	84.073	254.	299.75	407.	474.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	74	7.5	7.568	13.3	1.4	4.175	2.043	5.45	5.875	9.5	9.95
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.2	1.238	2.3	0.5	0.354	0.595	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	71	8.	7.893	8.8	6.4	0.153	0.391	7.4	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	71	8.	7.661	8.8	6.4	0.208	0.456	7.4	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	71	0.01	0.022	0.398	0.002	0.002	0.047	0.005	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	19	80.	78.684	106.	36.	450.228	21.219	42.	64.	94.	106.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20 ##	0.02	0.037	0.123	0.02	0.001	0.027	0.02	0.02	0.052	0.066
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.013	0.012	0.025	0.005	0.	0.006	0.005	0.005	0.016	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.96	1.054	1.89	0.43	0.161	0.401	0.495	0.808	1.315	1.845
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	2 ##	0.195	0.195	0.29	0.1	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	16	0.021	0.02	0.037	0.004	0.	0.012	0.004	0.009	0.032	0.036
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.8	4.033	5.7	2.8	0.721	0.849	2.95	3.5	4.775	5.55
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	19	126.	114.684	192.	1.	2522.006	50.22	10.	92.	148.	174.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	19	8.	37.789	234.	3.	3853.842	62.079	4.	6.	48.	142.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	96	23.9	19.396	27.2	1.	54.572	7.387	10.7	12.95	25.9	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	19	0.7	0.905	2.9	0.2	0.505	0.711	0.3	0.3	1.2	1.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	81	271.	299.543	2335.	195.	54223.776	232.86	218.	235.	317.	333.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	96	8.6	9.104	14.1	7.	2.348	1.532	7.47	8.	10.375	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12 ##	0.75	0.833	1.2	0.5	0.124	0.352	0.5	0.5	1.2	1.2
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	96	7.8	7.868	9.1	6.9	0.122	0.35	7.5	7.7	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	96	7.8	7.735	9.1	6.9	0.14	0.375	7.5	7.7	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	96	0.016	0.018	0.126	0.001	0.	0.018	0.005	0.01	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	20	73.	73.	104.	46.	242.316	15.566	48.2	63.5	84.	90.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	0.041	0.052	0.239	0.02	0.003	0.05	0.02	0.02	0.069	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20 ##	0.005	0.009	0.022	0.005	0.	0.006	0.005	0.005	0.013	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	20	1.29	1.318	1.77	1.07	0.034	0.185	1.104	1.193	1.398	1.738
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	14	0.546	0.606	1.3	0.297	0.073	0.271	0.324	0.425	0.737	1.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	11	0.092	0.082	0.117	0.045	0.001	0.026	0.046	0.06	0.104	0.117
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	11	0.067	0.065	0.106	0.005	0.001	0.034	0.01	0.03	0.095	0.105
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	19	0.023	0.034	0.077	0.004	0.	0.022	0.007	0.016	0.053	0.065

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.35	3.333	5.7	2.	1.086	1.042	2.06	2.325	3.95	5.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	20	116.	112.9	138.	74.	353.042	18.789	86.	95.	129.5	134.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	20	13.5	23.75	84.	4.	579.776	24.079	4.1	6.5	37.75	79.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	113	17.9	18.965	27.9	0.6	48.844	6.989	7.42	13.9	25.4	26.66
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	15	0.9	0.893	1.8	0.3	0.184	0.428	0.3	0.6	1.1	1.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	99	280.	278.737	410.	175.	4110.971	64.117	180.	254.	307.	370.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	113	8.8	9.17	12.8	6.2	2.521	1.588	7.24	8.	10.35	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.3	1.2	2.3	0.5	0.515	0.718	0.5	0.5	1.85	2.3
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	113	7.7	7.897	8.8	6.8	0.226	0.476	7.4	7.6	8.1	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	113	7.7	7.69	8.8	6.8	0.269	0.519	7.4	7.6	8.1	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	113	0.02	0.02	0.158	0.002	0.	0.02	0.002	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	15	68.	70.8	98.	52.	164.457	12.824	54.4	60.	80.	90.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	0.051	0.065	0.151	0.02	0.002	0.047	0.02	0.02	0.112	0.137
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	0.011	0.012	0.027	0.005	0.	0.008	0.005	0.005	0.02	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	15	1.28	1.289	1.74	0.72	0.092	0.304	0.786	1.23	1.51	1.686
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	15	0.492	0.508	0.875	0.255	0.027	0.164	0.29	0.402	0.595	0.788
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	15	0.072	0.081	0.145	0.018	0.001	0.037	0.037	0.053	0.107	0.143
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	15	0.052	0.056	0.146	0.005	0.001	0.037	0.013	0.032	0.075	0.116
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	14	0.036	0.036	0.073	0.004	0.001	0.025	0.004	0.011	0.06	0.071
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	9	3.6	3.767	4.6	2.9	0.352	0.594	2.9	3.25	4.35	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	16	113.	116.	158.	88.	361.067	19.002	95.	101.5	123.5	155.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	16	17.	21.5	60.	9.	180.	13.416	9.7	12.25	29.	45.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	285	24.8	23.647	31.3	14.3	20.737	4.554	15.16	19.4	26.8	28.76
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	38	1.	0.984	2.2	0.2	0.207	0.455	0.3	0.7	1.3	1.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	249	370.	374.265	2335.	214.	22026.825	148.414	265.	307.	419.5	475.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	281	7.9	7.704	10.5	0.	2.201	1.483	5.8	6.9	8.7	9.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	20	1.2	1.195	2.3	0.5	0.391	0.625	0.5	0.5	1.725	2.18
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	265	7.8	7.814	8.8	6.4	0.117	0.342	7.4	7.6	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	265	7.8	7.675	8.8	6.4	0.136	0.369	7.4	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	265	0.016	0.021	0.398	0.002	0.001	0.027	0.006	0.01	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	42	88.	86.881	120.	60.	205.864	14.348	68.6	74.75	100.	105.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	28	9.	15.893	53.	2.	269.877	16.428	2.	4.	22.25	47.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	43	0.04	0.052	0.217	0.	0.002	0.044	0.02	0.02	0.068	0.114
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	44	0.012	0.015	0.047	0.005	0.	0.011	0.005	0.005	0.022	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	44	0.99	0.965	1.93	0.07	0.194	0.441	0.25	0.69	1.288	1.455
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	27	0.54	0.569	1.16	0.314	0.039	0.199	0.35	0.414	0.697	0.86
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	26	0.082	0.083	0.249	0.032	0.002	0.044	0.041	0.052	0.105	0.125
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	26	0.05	0.055	0.13	0.006	0.001	0.032	0.018	0.027	0.084	0.097
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	42	0.035	0.036	0.1	0.004	0.001	0.026	0.004	0.012	0.056	0.075
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	3.45	3.488	5.1	1.8	1.259	1.122	1.8	2.6	4.65	4.96
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	23	3.6	3.5	6.4	1.1	1.389	1.179	1.82	2.5	4.1	4.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	42	134.	131.857	190.	10.	1330.808	36.48	90.2	119.	158.	174.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	16	2.05	2.1	3.6	0.4	1.193	1.092	0.61	1.025	3.175	3.46
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	12	5600.	19520.833	120000.	130.	1164678808.333	34127.391	160.	565.	30500.	94500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	12	3.708	3.595	5.079	2.114	0.908	0.953	2.188	2.742	4.466	4.919
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3935.927								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	230.	9960.	120000.	20.	1095051516.667	33091.563	20.	95.	1500.	73960.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	2.362	2.575	5.079	1.301	1.047	1.023	1.301	1.946	3.103	4.524
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			375.916								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	42	11.	22.619	142.	3.	985.217	31.388	4.3	7.	15.5	76.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	82	8.	7.933	16.	0.1	14.256	3.776	2.88	5.5	9.9	11.74
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	30	1.05	1.16	2.9	0.1	0.573	0.757	0.21	0.575	1.8	2.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	68	259.	269.191	532.	119.	4641.829	68.131	197.	245.5	295.25	334.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	79	10.4	9.466	14.1	1.5	13.234	3.638	3.	8.1	12.4	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	28 ##	0.5	0.893	2.3	0.5	0.276	0.525	0.5	0.5	1.2	1.58
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	72	7.8	7.918	9.1	7.	0.259	0.509	7.3	7.7	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	72	7.8	7.68	9.1	7.	0.316	0.562	7.3	7.7	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	72	0.016	0.021	0.1	0.001	0.	0.021	0.002	0.006	0.02	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	34	70.	70.	106.	48.	227.879	15.096	50.	59.	80.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	26	6.	12.115	67.	2.	285.786	16.905	2.	2.	14.25	42.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33 ##	0.02	0.037	0.128	0.02	0.001	0.029	0.02	0.02	0.047	0.093
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	0.01	0.01	0.023	0.005	0.	0.006	0.005	0.005	0.016	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	1.59	1.545	2.19	0.72	0.12	0.347	1.1	1.285	1.77	1.974
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	24	0.314	0.301	0.558	0.1	0.02	0.142	0.1	0.134	0.435	0.464
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	22	0.054	0.066	0.202	0.018	0.002	0.046	0.021	0.03	0.084	0.143
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	21	0.039	0.043	0.097	0.005	0.001	0.024	0.012	0.029	0.059	0.088
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	29	0.021	0.024	0.079	0.004	0.	0.019	0.004	0.013	0.029	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	24	3.5	3.6	7.	1.2	2.643	1.626	1.65	2.2	5.075	5.9
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	29	3.2	3.138	5.7	0.5	1.432	1.197	1.	2.35	3.9	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	32	113.	113.031	192.	1.	976.999	31.257	88.6	96.5	129.5	151.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	16	2.65	2.313	3.8	0.3	1.505	1.227	0.37	1.075	3.375	3.59
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	13	1300.	3024.231	17000.	45.	22790274.359	4773.916	119.	280.	4000.	13360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	13	3.114	3.019	4.23	1.653	0.507	0.712	1.937	2.44	3.591	4.097

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1045.456								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	230.	1012.154	7900.	10.	4580016.974	2140.097	10.	19.	1045.	5420.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	2.362	2.244	3.898	1.	0.882	0.939	1.	1.278	3.006	3.631
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			175.31								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	34	9.5	23.765	198.	4.	1389.398	37.275	4.5	6.	22.5	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/24/90	173	17.9	19.412	29.6	6.9	39.825	6.311	10.8	13.7	26.1	27.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/24/90	31	0.7	0.697	1.5	0.1	0.152	0.389	0.2	0.3	0.9	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/24/90	167	259.	253.844	342.	144.	2269.795	47.642	180.	218.	283.	326.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/24/90	170	8.8	8.206	11.2	0.3	5.412	2.326	6.1	7.2	10.	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	15	1.3	1.68	3.3	0.5	1.002	1.001	0.5	1.	2.9	3.24
00400	PH (STANDARD UNITS)	10/12/83-09/24/90	160	7.8	7.884	8.9	6.6	0.295	0.544	7.3	7.5	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/24/90	160	7.8	7.582	8.9	6.6	0.387	0.622	7.3	7.5	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/24/90	160	0.016	0.026	0.251	0.001	0.001	0.036	0.002	0.005	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/24/90	32	70.	68.188	90.	36.	293.77	17.14	43.2	52.	83.5	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/24/90	22	15.5	47.182	496.	6.	10958.156	104.681	8.	9.	33.75	118.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33 ##	0.02	0.048	0.239	0.02	0.003	0.051	0.02	0.02	0.062	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	0.013	0.012	0.027	0.005	0.	0.007	0.005	0.005	0.017	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/24/90	33	1.12	1.122	1.65	0.24	0.102	0.319	0.644	0.965	1.375	1.49
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/24/90	21	0.63	0.74	2.46	0.211	0.215	0.464	0.369	0.48	0.787	1.246
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/24/90	19	0.076	0.105	0.526	0.025	0.012	0.108	0.048	0.059	0.095	0.168
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/24/90	19	0.042	0.047	0.146	0.005	0.001	0.038	0.005	0.017	0.07	0.106
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/24/90	32	0.021	0.021	0.073	0.004	0.	0.018	0.004	0.004	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	4.05	4.458	11.5	1.9	6.435	2.537	1.93	3.075	5.4	9.82
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	3.6	3.594	5.7	1.9	1.079	1.039	1.97	2.975	4.175	5.35
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/24/90	33	106.	105.152	144.	62.	432.258	20.791	72.8	93.	121.	130.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	13	2.8	2.35	3.3	0.05	1.122	1.059	0.51	1.35	3.25	3.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	9	700.	4988.889	33000.	20.	113242236.111	10641.534	20.	95.	4100.	33000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	9	2.845	2.874	4.519	1.301	1.021	1.01	1.301	1.972	3.604	4.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			748.889								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	127.5	262.5	1300.	10.	156662.5	395.806	10.	17.5	325.	1219.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	2.005	1.959	3.114	1.	0.53	0.728	1.	1.226	2.496	3.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			90.963								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/24/90	33	13.	32.606	234.	5.	2272.059	47.666	7.4	9.	38.	96.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0360

NPS Station ID: GWMP0360
LAT/LON: 38.902226/ -77.070281
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. OFF KEY BR. WASH,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /POTO-01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003000.00
RF3 Mile Point: 0.11
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0360

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0361

NPS Station ID: GWMP0361
LAT/LON: 38.902226/ -77.070281
Agency: 1113POTS
Date Created: / /
Location: PO.R. AT KEY BRIDGE WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.36
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	15	10.	10.067	15.	6.5	5.817	2.412	6.8	8.	11.5	14.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	22	0.051	0.088	0.71	0.015	0.021	0.144	0.019	0.029	0.089	0.149
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	21	0.84	0.746	1.03	0.07	0.079	0.281	0.132	0.795	0.885	0.98
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	38	0.2	0.208	0.34	0.07	0.007	0.085	0.098	0.13	0.29	0.312
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	2	0.435	0.435	0.47	0.4	0.002	0.049	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0361

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00				21	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0362

NPS Station ID: GWMP0362
LAT/LON: 38.902226/ -77.070281
Agency: 1113POTS
Date Created: / /
Location: FAIRFAX-WESTGATE,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 023 /023 /STP 4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010059401.70
RF3 Mile Point: 2.53
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/09/69-11/11/69	11	2.	2.727	6.5	1.	3.068	1.752	1.	1.5	4.	6.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/09/69-11/11/69	11	40.07	41.315	59.89	21.27	130.892	11.441	22.344	34.35	50.86	58.944

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0363

NPS Station ID: GWMP0363
Location: KEY BRIDGE-STATION 1
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003600.00
Description:
KEY BRIDGE-STATION 1

LAT/LON: 38.902505/ -77.069726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.14

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750440191
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.40
Distance from RF3: 0.04

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0363

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0364

NPS Station ID: GWMP0364 LAT/LON: 38.902781/ -77.058337 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D1 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101003.1 /D-1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0364

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0365

NPS Station ID: GWMP0365 LAT/LON: 38.902781/ -77.058337 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.2 /D-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.50 Distance from RF3: 0.05 On/Off RF3:
Description:
TRANSECT STATION LOCATED 50 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0365

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0366

NPS Station ID: GWMP0366
LAT/LON: 38.902781/ -77.058337
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.6 /D-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 29
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0366

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0367

NPS Station ID: GWMP0367 LAT/LON: 38.902781/ -77.058337 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.8 /D-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 16 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.50 Distance from RF3: 0.05 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EASTERN SHORE BREAKWATER WALL

Parameter Inventory for Station: GWMP0367

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0368

NPS Station ID: GWMP0368
Location: PO.R. AT KEY BR. WASHINGTON,D.C.
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010038
RF3 Index: 02070010004003.03
Description:

LAT/LON: 38.902781/ -77.070004
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.200
RF3 Mile Point: 3.02

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 003 /003 /2A
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.01

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GWMP0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-02/16/67	3	4.5	4.5	5.	4.	0.25	0.5	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	1850.	4997.5	16090.	200.	55492691.667	7449.342	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	3.247	3.25	4.207	2.301	0.617	0.785	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1780.062								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	895.	1342.5	3480.	100.	2280425.	1510.108	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	2.902	2.836	3.542	2.	0.432	0.657	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			686.167								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	75.	165.	490.	20.	48033.333	219.165	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	1.849	1.923	2.69	1.301	0.344	0.586	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			83.666								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	3	0.75				4	3	0.75						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	3	0.75				4	3	0.75						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0369

NPS Station ID: GWMP0369
LAT/LON: 38.902781/ -77.070004
Agency: 1113MCST
Date Created: / /
Location: KEY BRIDGE WASHINGTON DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P02/P02 /002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.07
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	8	29.25	29.063	30.	27.5	0.603	0.776	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	8	6.8	7.188	10.4	5.2	3.964	1.991	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	4.05	4.05	4.3	3.8	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.05	7.05	7.5	6.6	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.85	6.85	7.5	6.6	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.141	0.141	0.251	0.032	0.024	0.155	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.801	0.788	0.865	0.687	0.006	0.077	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.051	0.085	0.24	0.001	0.013	0.113	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.014	0.02	0.007	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.55	10.825	12.1	10.1	0.782	0.885	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.6	23.825	24.8	23.3	0.502	0.709	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2710.	2710.	5400.	20.	14472200.	3804.234	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.517	2.517	3.732	1.301	2.956	1.719	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			328.634								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	99.	94.125	111.	67.5	348.563	18.67	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.28	0.255	0.32	0.14	0.006	0.081	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0370

NPS Station ID: GWMP0370 LAT/LON: 38.902781/ -77.075282 Agency: 21DCBAWQ Date Created: 10/28/86
Location: GEORGETOWN UNIV. IN LINE WITH BOTH SPIRES, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS09
RMI-Indexes: 0214001 Within Park Boundary: Yes
RMI-Miles: 0097.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010037 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 1.87 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: GEORGETOWN UNIV., D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	66	14.9	15.594	30.5	1.7	85.334	9.238	3.37	6.475	24.725	27.36
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.667	1.5	0.2	0.523	0.723	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	57	291.	296.579	526.	119.	8099.641	89.998	173.2	243.5	334.	422.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.9	8.964	13.6	1.3	8.459	2.908	5.74	7.475	11.225	12.63
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.938	9.	7.2	0.171	0.413	7.4	7.75	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.8	7.776	9.	7.2	0.197	0.444	7.4	7.75	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	53	0.016	0.017	0.063	0.001	0.	0.015	0.003	0.006	0.018	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0370

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	5	0.08	24	0	0.00	25	4	0.16	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	53	1	0.02	20	0	0.00	20	1	0.05	13	0	0.00			
		Other-Lo Lim.	6.5	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.1	10.867	18.8	6.7	47.243	6.873	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	246.5	246.5	338.	155.	16744.5	129.401	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	11.067	12.4	8.7	4.223	2.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	18.9	17.213	28.9	3.3	108.478	10.415	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	147.	183.667	285.	119.	7897.333	88.867	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.4	9.675	13.6	6.6	6.459	2.542	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.5	11.567	18.1	5.1	42.253	6.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	258.	269.	314.	235.	1651.	40.632	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	10.7	11.	12.4	9.9	1.63	1.277	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.833	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.8	7.831	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.016	0.015	0.016	0.013	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.5	15.318	28.7	1.7	121.49	11.022	1.82	4.6	27.3	28.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	328.	351.636	518.	250.	7564.255	86.973	253.8	281.	414.	508.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.4	7.973	13.6	1.3	15.926	3.991	1.52	6.5	12.6	13.48
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.082	8.9	7.6	0.184	0.429	7.64	7.8	8.3	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.944	8.9	7.6	0.205	0.452	7.64	7.8	8.3	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.011	0.025	0.001	0.	0.007	0.001	0.005	0.016	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	11.65	14.4	29.4	2.5	100.889	10.044	2.77	6.075	25.925	28.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	271.5	275.667	458.	144.	6984.788	83.575	160.2	216.75	307.	433.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.8	6.992	12.2	1.6	12.043	3.47	1.78	3.15	9.45	11.57
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.673	8.1	7.2	0.08	0.283	7.22	7.3	7.8	8.06
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.583	8.1	7.2	0.089	0.298	7.22	7.3	7.8	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.016	0.026	0.063	0.008	0.	0.019	0.009	0.016	0.05	0.061

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.6	17.69	30.5	5.5	67.79	8.233	5.94	11.025	25.075	30.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	343.	337.8	526.	166.	14128.178	118.862	167.1	235.5	422.25	521.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.15	9.02	11.6	6.4	3.011	1.735	6.48	7.35	10.375	11.56
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	8.044	8.6	7.4	0.155	0.394	7.4	7.75	8.35	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	7.878	8.6	7.4	0.187	0.432	7.4	7.75	8.35	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.01	0.013	0.04	0.003	0.	0.013	0.003	0.004	0.021	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.5	15.2	26.9	2.5	88.412	9.403	2.66	5.1	24.7	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	318.	302.111	334.	217.	1517.361	38.953	217.	281.	332.5	334.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	9.873	13.6	7.7	3.828	1.957	7.74	8.1	11.	13.36
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	8.073	9.	7.2	0.224	0.473	7.32	7.8	8.3	8.92
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	7.853	9.	7.2	0.277	0.527	7.32	7.8	8.3	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.01	0.014	0.063	0.001	0.	0.017	0.001	0.005	0.016	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.5	17.35	26.8	5.6	80.646	8.98	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	256.	254.429	311.	175.	2021.619	44.962	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.55	9.7	12.9	7.8	5.02	2.241	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.75	7.838	8.8	7.4	0.191	0.437	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.747	7.708	8.8	7.4	0.21	0.459	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.018	0.02	0.04	0.002	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	25.05	24.146	30.5	14.5	18.594	4.312	16.7	21.8	26.875	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	334.5	353.7	518.	219.	6322.747	79.516	272.4	295.75	398.75	479.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.9	8.092	10.5	6.4	1.074	1.036	6.8	7.325	8.775	9.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.7	5.932	11.9	1.7	8.028	2.833	2.42	3.35	7.45	10.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	284.	281.652	526.	119.	7809.237	88.37	150.2	235.	328.	399.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	12.	10.004	13.6	1.3	16.411	4.051	2.08	9.7	12.65	13.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	17.1	17.729	28.9	6.9	47.485	6.891	8.42	11.1	23.85	27.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	247.5	239.5	334.	144.	3511.654	59.259	155.	176.5	285.5	326.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.7	8.665	11.6	2.2	5.279	2.298	5.72	7.7	10.55	11.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0371

NPS Station ID: GWMP0371 LAT/LON: 38.903310/ -77.057142 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/03
RMI-Indexes: 0214001 002700 00010 Within Park Boundary: No
RMI-Miles: 0112.80 0000.30 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.27 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/20/71	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/20/71	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/71-07/21/71	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/20/71	1	7500.	7500.	7500.	7500.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/20/71-07/20/71	1	3.875	3.875	3.875	3.875	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7500.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/20/71	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/20/71	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			2300.								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0372

NPS Station ID: GWMP0372 | LAT/LON: 38.903338/ -77.079726 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: THREE SISTERS ISLAND, WASH.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS08
RMI-Indexes: 0214001 | Within Park Boundary: Yes
RMI-Miles: 0097.75
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 0.300 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.53 | Distance from RF3: 0.05 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	64	14.8	15.711	30.7	1.8	86.383	9.294	3.4	6.125	24.85	27.2
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.767	1.8	0.2	0.803	0.896	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	55	293.	300.055	519.	119.	7443.941	86.278	177.6	251.	334.	427.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	64	8.95	9.045	13.8	1.5	7.854	2.802	6.4	7.625	11.3	12.6
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.9	7.96	8.8	7.1	0.146	0.382	7.53	7.8	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	52	7.9	7.805	8.8	7.1	0.17	0.412	7.53	7.8	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	52	0.013	0.016	0.079	0.002	0.	0.016	0.003	0.006	0.016	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0372

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	4	0.06	24	0	0.00	25	4	0.16	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	52	0	0.00	20	0	0.00	20	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	52	0	0.00	20	0	0.00	20	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.1	10.9	18.8	6.8	46.83	6.843	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	244.	244.	333.	155.	15842.	125.865	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	11.	12.2	8.7	3.97	1.992	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	18.85	17.088	28.3	3.2	106.721	10.331	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	146.	181.667	280.	119.	7434.333	86.223	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.15	9.6	13.8	7.	6.514	2.552	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.6	11.6	18.	5.2	40.96	6.4	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	259.	270.333	318.	234.	1860.333	43.132	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.1	11.133	12.5	9.8	1.823	1.35	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.3	15.282	28.8	1.8	121.146	11.007	1.9	4.6	27.1	28.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	328.	350.	491.	251.	6572.6	81.072	256.	283.	416.	487.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.3	7.927	13.4	1.7	15.374	3.921	1.84	6.5	12.8	13.28
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.036	8.8	7.6	0.143	0.378	7.62	7.8	8.2	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.923	8.8	7.6	0.157	0.396	7.62	7.8	8.2	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.012	0.025	0.002	0.	0.007	0.002	0.006	0.016	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	11.6	15.	29.3	2.5	115.471	10.746	2.6	5.3	26.45	29.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	286.5	293.9	445.	198.	5272.989	72.615	200.5	241.75	324.25	438.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	7.75	7.27	12.2	1.5	11.616	3.408	1.63	3.925	9.6	12.
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.8	7.71	8.2	7.1	0.13	0.36	7.1	7.55	7.875	8.19
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	10	7.8	7.558	8.2	7.1	0.155	0.394	7.1	7.55	7.875	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	10	0.016	0.028	0.079	0.006	0.001	0.028	0.006	0.014	0.035	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.55	17.72	30.7	5.4	67.768	8.232	5.85	11.175	24.975	30.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	344.	336.7	519.	167.	13793.789	117.447	168.	234.	419.25	515.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.2	9.03	11.7	6.3	3.122	1.767	6.39	7.575	10.4	11.66
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.1	8.089	8.6	7.4	0.111	0.333	7.4	7.95	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.1	7.958	8.6	7.4	0.13	0.361	7.4	7.95	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.008	0.011	0.04	0.003	0.	0.011	0.003	0.005	0.011	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.5	15.191	26.6	2.3	88.279	9.396	2.5	5.3	24.7	26.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	318.	301.889	335.	218.	1515.361	38.928	218.	280.	332.5	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	9.882	13.4	7.7	3.672	1.916	7.74	8.	10.9	13.18
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	8.1	8.8	7.6	0.14	0.374	7.64	7.8	8.3	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	8.	7.978	8.8	7.6	0.156	0.395	7.64	7.8	8.3	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.01	0.011	0.025	0.002	0.	0.007	0.002	0.005	0.016	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.5	17.363	27.1	5.6	81.226	9.013	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	255.	255.143	312.	178.	1952.143	44.183	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.5	9.6	12.7	7.8	4.583	2.141	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.8	7.863	8.8	7.4	0.197	0.444	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.789	7.724	8.8	7.4	0.219	0.468	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.016	0.019	0.04	0.002	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	25.	24.146	30.7	14.5	19.02	4.361	16.55	21.925	26.975	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	332.	351.4	491.	223.	5706.253	75.54	270.6	295.75	395.75	479.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.85	8.046	10.5	6.3	1.155	1.075	6.55	7.3	8.85	9.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.6	5.96	12.1	1.8	8.227	2.868	2.3	3.4	7.5	10.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	283.	281.	519.	119.	7674.182	87.602	149.6	234.	327.	400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.7	10.	13.8	1.5	15.935	3.992	2.12	9.65	12.6	13.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	15	18.8	18.467	28.3	8.8	43.484	6.594	9.64	11.6	23.8	27.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	258.5	251.	334.	167.	3160.727	56.22	170.	188.	295.5	329.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	15	8.8	9.053	11.7	6.9	2.788	1.67	6.96	7.7	10.9	11.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0373

NPS Station ID: GWMP0373
LAT/LON: 38.903615/ -77.080559
Agency: 1113MCST
Date Created: / /
Location: THREE SISTERS ISLAND WASH DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P03/P03 /003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.24
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	12	29.	28.875	30.	28.	0.324	0.569	28.	28.5	29.	29.85
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	12	5.85	6.475	9.7	4.4	3.018	1.737	4.49	5.25	8.35	9.37
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.9	3.9	4.	3.8	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	3	7.4	7.4	7.5	7.3	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	3	7.4	7.392	7.5	7.3	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	3	0.04	0.041	0.05	0.032	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.787	0.784	0.865	0.696	0.008	0.087	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.063	0.25	0.001	0.016	0.125	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.014	0.02	0.007	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.6	10.675	11.6	9.9	0.596	0.772	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.5	23.575	24.5	22.8	0.496	0.704	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	154.	154.	230.	78.	11552.	107.48	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.127	2.127	2.362	1.892	0.11	0.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			133.94								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	20.	20.	20.	20.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	86.25	89.625	109.5	76.5	260.063	16.126	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.285	0.283	0.32	0.24	0.001	0.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00									
00400	PH	Other-Hi Lim.	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0374

NPS Station ID: GWMP0374
LAT/LON: 38.903615/ -77.080559
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC AT THREE SISTERS ISLAND
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D3 /D03 /P03
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 0.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/76-12/02/76	2	14.5	14.5	27.	2.	312.5	17.678	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/76-06/23/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/76-12/02/76	2	65.	65.	120.	10.	6050.	77.782	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/76-12/02/76	2	10.4	10.4	12.8	8.	11.52	3.394	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.109	0.109	0.109	0.109	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-12/02/76	2	0.486	0.486	0.611	0.36	0.032	0.177	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-12/02/76	2	1.385	1.385	1.53	1.24	0.042	0.205	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/23/76-12/02/76	2	0.335	0.335	0.63	0.04	0.174	0.417	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/76-12/02/76	2	0.135	0.135	0.18	0.09	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/76-12/02/76	2	6.4	6.4	7.4	5.4	2.	1.414	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	12/02/76-12/02/76	1	26.2	26.2	26.2	26.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0375

NPS Station ID: GWMP0375 | LAT/LON: 38.903615/ -77.084171 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: SPOUT RUN,WASH.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS07
RMI-Indexes: 0214001 | Within Park Boundary: Yes
RMI-Miles: 0098.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 0.620 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.60 | Distance from RF3: 0.08 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: SPOUT RUN,D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	66	14.55	15.523	30.7	1.5	84.7	9.203	3.47	6.25	24.65	27.1
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.5	1.	0.2	0.19	0.436	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	57	291.	295.439	513.	120.	7704.965	87.778	175.	244.5	334.	414.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.95	8.926	13.6	1.5	8.416	2.901	5.46	7.4	11.35	12.73
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.9	7.913	8.8	7.2	0.147	0.384	7.4	7.7	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	53	7.9	7.772	8.8	7.2	0.168	0.41	7.4	7.7	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	53	0.013	0.017	0.063	0.002	0.	0.014	0.003	0.008	0.02	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0375

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	5	0.08	24	0	0.00	25	4	0.16	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.1	10.733	18.7	6.4	47.723	6.908	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	230.	230.	305.	155.	11250.	106.066	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	11.	12.4	8.5	4.71	2.17	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	18.85	17.038	28.2	3.2	105.054	10.25	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	142.	181.	281.	120.	7621.	87.298	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	9.3	9.525	13.6	6.4	6.579	2.565	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.6	11.633	18.1	5.2	41.603	6.45	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	259.	271.	319.	235.	1872.	43.267	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.2	11.1	12.8	9.3	3.07	1.752	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.9	7.833	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	3	7.9	7.823	7.9	7.7	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	3	0.013	0.015	0.02	0.013	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	18.3	15.255	28.9	1.5	122.717	11.078	1.66	4.6	27.1	28.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	328.	348.091	491.	252.	6591.691	81.189	255.4	282.	404.	487.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.5	7.882	13.5	1.5	15.802	3.975	1.68	6.	12.7	13.36
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.009	8.8	7.6	0.163	0.404	7.6	7.7	8.1	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.885	8.8	7.6	0.18	0.424	7.6	7.7	8.1	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.013	0.025	0.002	0.	0.008	0.002	0.008	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	11.35	14.325	29.1	2.5	99.622	9.981	2.8	6.075	26.	28.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	271.	276.75	458.	144.	6979.477	83.543	160.2	216.75	310.75	433.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.55	7.025	12.3	1.5	11.935	3.455	1.89	3.15	9.575	11.73
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.664	8.1	7.2	0.087	0.294	7.22	7.4	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.8	7.573	8.1	7.2	0.096	0.309	7.22	7.4	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.016	0.027	0.063	0.008	0.	0.018	0.008	0.016	0.04	0.061

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.55	17.62	30.7	5.3	66.386	8.148	5.74	11.2	24.425	30.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	346.	336.1	513.	167.	13487.656	116.136	168.	234.75	415.	509.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.15	9.	11.7	6.2	3.358	1.832	6.29	7.325	10.45	11.68
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	7.989	8.5	7.3	0.166	0.408	7.3	7.65	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	9	8.	7.802	8.5	7.3	0.205	0.453	7.3	7.65	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	9	0.01	0.016	0.05	0.003	0.	0.017	0.003	0.005	0.026	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.4	15.191	26.6	2.2	88.591	9.412	2.44	5.3	24.6	26.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	320.	301.778	335.	216.	1613.944	40.174	216.	279.	334.	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	9.836	13.5	7.8	3.435	1.853	7.82	8.1	11.	13.16
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	8.064	8.8	7.5	0.143	0.378	7.56	7.8	8.3	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	11	7.9	7.937	8.8	7.5	0.16	0.4	7.56	7.8	8.3	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	11	0.013	0.012	0.032	0.002	0.	0.009	0.002	0.005	0.016	0.028

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.35	17.263	27.1	5.6	80.731	8.985	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	256.	256.714	315.	178.	2087.905	45.694	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.65	9.675	12.9	7.6	4.654	2.157	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.8	7.863	8.8	7.5	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-09/10/90	8	7.789	7.741	8.8	7.5	0.197	0.443	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-09/10/90	8	0.016	0.018	0.032	0.002	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.8	24.046	30.7	14.4	19.177	4.379	16.4	21.95	26.9	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	326.5	351.65	491.	225.	5820.661	76.293	269.9	299.	391.	480.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.85	7.942	10.5	6.	1.203	1.097	6.4	7.125	8.75	9.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.6	5.908	12.3	1.5	8.33	2.886	2.26	3.45	7.4	10.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	23	282.	280.13	513.	120.	7434.028	86.221	147.2	235.	328.	392.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.7	9.988	13.6	1.5	16.183	4.023	2.04	9.55	12.75	13.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	16.9	17.629	28.2	6.9	45.91	6.776	8.5	11.2	23.8	27.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	14	248.5	240.286	335.	144.	3551.297	59.593	155.5	177.75	288.5	327.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.8	8.753	11.5	2.8	4.938	2.222	5.68	7.8	10.55	11.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0376

NPS Station ID: GWMP0376
LAT/LON: 38.904448/ -77.055559
Agency: 1113MCST
Date Created: / /
Location: ROCK CREEK AT M STREET BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P22/P22 /022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 02070010004003.03
RF3 Mile Point: 3.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	25.75	25.75	26.	25.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	8.8	8.775	8.9	8.6	0.016	0.126	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	7.35	7.35	13.4	1.3	73.205	8.556	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.375	7.338	7.6	7.	0.096	0.309	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.319	7.258	7.6	7.	0.104	0.323	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.048	0.055	0.1	0.025	0.001	0.037	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.549	0.542	0.577	0.493	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.785	0.795	0.89	0.72	0.007	0.083	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.045	0.05	0.08	0.03	0.	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	6.2	6.05	7.1	4.7	1.417	1.19	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	16.75	16.575	18.2	14.6	2.936	1.713	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	4.544	4.544	4.544	4.544	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	17700.	17700.	35000.	400.	598580000.	24465.895	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	3.573	3.573	4.544	2.602	1.886	1.373	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3741.657								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	9.	8.25	9.	6.	2.25	1.5	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.175	0.178	0.21	0.15	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0377

NPS Station ID: GWMP0377
Location: M STREET BRIDGE-
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003200.53
Description:
M STREET BRIDGE-

LAT/LON: 38.905004/ -77.055838

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.02

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750431281
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.40
Distance from RF3: 0.16

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0377

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0378

NPS Station ID: GWMP0378
LAT/LON: 38.905004/ -77.056115
Agency: 1113UPBA
Date Created: / /
Location: PO.R.-ROCK CREEK AT M ST.BR. DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.24
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	9	5.5	4.611	8.	0.	6.174	2.485	0.	2.75	6.25	8.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	9	23000.	249388.889	1609000.	500.	271127111111.111	520698.676	500.	12000.	235500.	1609000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	9	4.362	4.591	6.207	2.699	1.03	1.015	2.699	4.078	5.334	6.207
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			39011.88								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	10	9000.	13810.	49000.	500.	234652111.111	15318.359	550.	2725.	23750.	46700.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	10	3.906	3.816	4.69	2.699	0.414	0.643	2.729	3.389	4.375	4.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6549.281								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	9	2000.	11800.	70000.	100.	529337500.	23007.336	100.	550.	15000.	70000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	9	3.301	3.323	4.845	2.	0.838	0.915	2.	2.628	4.103	4.845
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			2104.993								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0378

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	9	8	0.89				9	8	0.89						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9 &	9	1.00				9	9	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0379

NPS Station ID: GWMP0379 LAT/LON: 38.905004/ -77.138059 Agency: 112WRD Date Created: / /
Location: LITTLE PIMMIT RUN TRIBUTARY AT ARLINGTON, VA FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01646750
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070008001802.17 RF3 Mile Point: 2.17 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	2	22.75	22.75	23.5	22.	1.125	1.061	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	2	10.	10.	15.	5.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	2	192.5	192.5	205.	180.	312.5	17.678	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	42.	42.	44.	40.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	2	51.5	51.5	54.	49.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	65.	65.	68.	62.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	2	23.	23.	28.	18.	50.	7.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	2	5.	5.	5.1	4.9	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-08/04/77	2	31.	31.	31.	31.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	2	3.55	3.55	3.9	3.2	0.245	0.495	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	2	26.	26.	26.	26.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	2	20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	2	105.	105.	190.	20.	14450.	120.208	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	2	147.	147.	157.	137.	200.	14.142	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	2	132.	132.	138.	126.	72.	8.485	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	2	0.2	0.2	0.21	0.19	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	2	7.	7.	9.7	4.3	14.58	3.818	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0380

NPS Station ID: GWMP0380 | LAT/LON: 38.906393/ -77.092504 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: WINDY RUN WATERFALL , WASH.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS05
RMI-Indexes: 0214001 | Within Park Boundary: Yes
RMI-Miles: 0098.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 1.030 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.59 | Distance from RF3: 0.04 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	66	14.35	15.459	30.7	2.	83.316	9.128	3.47	6.325	24.55	26.79
00032	CLOUD COVER (PERCENT)	10/12/83-07/09/85	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	5	0.3	0.74	2.1	0.2	0.663	0.814	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	59	289.	294.	533.	119.	8067.517	89.819	174.	243.	336.	401.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	66	8.85	8.947	13.8	1.2	8.564	2.926	5.31	7.475	11.3	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-12/13/83	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	58	7.8	7.807	8.8	6.9	0.189	0.435	7.29	7.5	8.	8.41
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	58	7.8	7.613	8.8	6.9	0.228	0.477	7.29	7.5	8.	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	58	0.016	0.024	0.126	0.002	0.001	0.025	0.004	0.01	0.032	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/13/83	3	90.	80.667	102.	50.	741.333	27.227	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	17.	41.	5.	432.	20.785	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/83-12/13/83	2	0.321	0.321	0.326	0.316	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.108	0.102	0.118	0.081	0.	0.019	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.068	0.068	0.088	0.048	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.054	0.054	0.071	0.036	0.	0.018	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/13/83	3	10.	22.333	54.	3.	764.333	27.647	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	5	0.08	24	0	0.00	25	4	0.16	17	1	0.06			
00400	PH	Other-Hi Lim.	9.	58	0	0.00	21	0	0.00	22	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	58	0	0.00	21	0	0.00	22	0	0.00	15	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.2	10.6	18.1	6.5	42.31	6.505	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	243.	245.333	338.	155.	8376.333	91.522	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.	11.1	12.4	8.9	3.67	1.916	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.1	7.133	7.3	7.	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.1	7.116	7.3	7.	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	3	0.079	0.077	0.1	0.05	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	6	11.65	14.033	27.	3.	102.667	10.132	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	4	159.5	179.	278.	119.	4860.667	69.718	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	6	10.7	10.433	13.8	7.2	5.783	2.405	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	5	18.1	16.92	26.2	5.3	73.207	8.556	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	256.	269.667	320.	233.	2032.333	45.081	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	5	9.7	9.44	12.4	6.3	6.293	2.509	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.7	7.633	7.8	7.4	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.7	7.599	7.8	7.4	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	3	0.02	0.025	0.04	0.016	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	17.6	15.245	29.	2.	120.983	10.999	2.08	4.7	27.	28.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	327.	351.909	533.	252.	7904.091	88.905	255.2	282.	401.	521.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.4	7.909	13.5	1.2	16.737	4.091	1.44	5.7	12.7	13.46
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	7.909	8.8	7.3	0.205	0.453	7.34	7.5	8.1	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	7.8	7.744	8.8	7.3	0.235	0.484	7.34	7.5	8.1	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.016	0.018	0.05	0.002	0.	0.014	0.002	0.008	0.032	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	12	11.15	14.275	29.1	2.5	99.328	9.966	2.8	6.075	26.025	28.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	270.5	277.	457.	142.	6957.818	83.414	159.4	216.25	312.	432.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	12	7.6	7.008	12.2	1.5	11.741	3.426	1.86	3.35	9.8	11.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	12	7.7	7.567	8.	6.9	0.113	0.337	6.99	7.3	7.8	7.97
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	12	7.7	7.437	8.	6.9	0.132	0.363	6.99	7.3	7.8	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	12	0.02	0.037	0.126	0.01	0.001	0.033	0.011	0.016	0.05	0.107

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	10	17.55	17.69	30.7	5.3	66.761	8.171	5.73	11.475	24.45	30.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	10	347.	336.	511.	165.	13584.222	116.551	166.2	234.	415.5	508.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	10	9.15	9.04	11.7	6.3	3.292	1.814	6.37	7.375	10.4	11.66
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	9	8.	7.944	8.5	7.1	0.193	0.439	7.1	7.65	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	9	8.	7.713	8.5	7.1	0.253	0.503	7.1	7.65	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	9	0.01	0.019	0.079	0.003	0.001	0.025	0.003	0.006	0.026	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.4	15.136	26.7	2.1	88.719	9.419	2.36	5.2	24.5	26.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	319.	302.444	339.	216.	1638.528	40.479	216.	280.	335.	339.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.	9.827	13.6	7.7	3.816	1.954	7.72	7.9	10.9	13.3
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	11	8.	8.055	8.8	7.4	0.145	0.38	7.46	7.8	8.3	8.72
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	11	8.	7.914	8.8	7.4	0.166	0.408	7.46	7.8	8.3	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	11	0.01	0.012	0.04	0.002	0.	0.011	0.002	0.005	0.016	0.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.2	17.163	26.6	5.6	78.448	8.857	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	256.	258.286	318.	181.	2037.571	45.139	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.7	9.725	12.8	7.7	4.596	2.144	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.8	7.863	8.8	7.5	0.177	0.421	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	8	7.8	7.744	8.8	7.5	0.193	0.439	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	8	0.016	0.018	0.032	0.002	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.8	23.958	30.7	14.3	20.072	4.48	16.	22.05	26.675	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	338.5	356.35	533.	229.	6349.924	79.686	271.5	301.5	391.	482.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	7.75	7.954	10.6	5.7	1.301	1.141	6.4	7.225	8.8	9.6
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.8	7.838	8.5	7.3	0.106	0.326	7.32	7.65	8.	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	21	7.8	7.725	8.5	7.3	0.12	0.346	7.32	7.65	8.	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	21	0.016	0.019	0.05	0.003	0.	0.014	0.004	0.01	0.024	0.048

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	25	5.6	5.92	12.3	2.	8.092	2.845	2.28	3.45	7.45	10.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	24	280.	278.208	511.	119.	7055.911	83.999	150.	235.5	325.5	388.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	25	11.7	10.016	13.8	1.2	16.494	4.061	2.04	9.75	12.6	13.54
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	22	7.8	7.809	8.8	7.	0.228	0.477	7.13	7.475	8.125	8.65
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	22	7.8	7.594	8.8	7.	0.276	0.525	7.13	7.475	8.125	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	22	0.016	0.025	0.1	0.002	0.001	0.026	0.003	0.008	0.034	0.075

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	17	16.8	17.488	27.	6.9	42.571	6.525	8.58	11.45	23.65	26.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	15	246.	236.133	336.	142.	3644.124	60.367	155.8	177.	288.	325.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	17	8.8	8.776	11.8	3.	4.887	2.211	5.64	7.8	10.5	11.4
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	15	7.7	7.76	8.8	6.9	0.274	0.523	7.02	7.4	8.	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	15	7.7	7.515	8.8	6.9	0.338	0.582	7.02	7.4	8.	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	15	0.02	0.031	0.126	0.002	0.001	0.034	0.002	0.01	0.04	0.098

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0381

NPS Station ID: GWMP0381
LAT/LON: 38.906948/ -77.093616
Agency: 1113MCST
Date Created: / /
Location: POTOMAC ABOVE WINDY RUN
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P04/P04 /004
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.50
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	9	28.5	28.422	29.5	27.	0.567	0.753	27.	28.	29.	29.5
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	9	6.3	7.022	9.	6.	1.122	1.059	6.	6.2	7.8	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.3	3.3	3.5	3.1	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.825	6.825	7.	6.65	0.061	0.247	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.791	6.791	7.	6.65	0.064	0.252	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.162	0.162	0.224	0.1	0.008	0.088	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.765	0.776	0.879	0.696	0.006	0.076	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.13	0.153	0.23	0.12	0.003	0.053	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	11.3	11.525	14.3	9.2	4.509	2.123	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.35	23.35	24.6	22.1	1.043	1.021	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	460.	460.	790.	130.	217800.	466.69	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.506	2.506	2.898	2.114	0.307	0.554	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			320.468								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	24.5	24.5	40.	9.	480.5	21.92	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.278	1.278	1.602	0.954	0.21	0.458	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.974								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	89.25	88.125	112.5	61.5	444.563	21.085	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.31	0.305	0.34	0.26	0.002	0.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0382

NPS Station ID: GWMP0382
LAT/LON: 38.906948/ -77.093616
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC ABOVE WINDY RUN
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D4 /D04 /P04
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 1.130
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.50
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	31	25.	22.703	31.	2.	56.488	7.516	9.2	18.8	28.	29.98
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	11	10.	19.664	76.	1.9	500.173	22.365	2.4	6.	29.	69.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/24/80	14	10.25	32.736	135.	4.	1834.616	42.832	5.5	8.95	40.	128.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	11	22.	26.636	108.	6.	790.655	28.119	6.4	10.	26.	92.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	19	0.64	0.626	1.31	0.18	0.099	0.314	0.23	0.3	0.8	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	10	300.	303.	380.	194.	5304.	72.829	194.6	237.5	377.75	380.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	5	7.9	7.88	9.8	5.9	2.507	1.583	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	29	9.	9.103	14.	6.5	3.524	1.877	7.1	7.9	9.85	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	18	1.6	1.661	3.7	0.4	0.827	0.91	0.49	1.075	2.2	3.16
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/80-09/15/81	6	7.75	7.882	8.88	7.1	0.394	0.628	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/80-09/15/81	6	7.725	7.593	8.88	7.1	0.494	0.703	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/80-09/15/81	6	0.019	0.026	0.079	0.001	0.001	0.029	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	16 ##	0.02	0.042	0.153	0.02	0.001	0.036	0.02	0.02	0.057	0.11
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	11	0.065	0.078	0.145	0.022	0.002	0.044	0.023	0.044	0.124	0.144
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	21 ##	0.01	0.01	0.025	0.005	0.	0.006	0.005	0.005	0.013	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	21	0.77	0.744	1.4	0.02	0.144	0.379	0.184	0.53	1.09	1.292
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	14	0.308	0.302	0.521	0.1	0.012	0.11	0.1	0.261	0.357	0.461
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	32	0.445	0.464	0.829	0.1	0.027	0.163	0.313	0.335	0.57	0.708
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	12	0.76	0.713	1.52	0.001	0.275	0.525	0.006	0.105	1.21	1.436
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-10/09/79	24	0.295	0.346	1.06	0.05	0.054	0.232	0.14	0.185	0.45	0.675
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	6	0.145	0.137	0.18	0.09	0.002	0.039	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	12	0.03	0.07	0.23	0.01	0.006	0.076	0.013	0.02	0.1	0.224
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	8	0.067	0.084	0.19	0.056	0.002	0.045	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	8	0.036	0.046	0.088	0.024	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	9	0.022	0.031	0.079	0.004	0.001	0.028	0.004	0.013	0.056	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	23	5.	5.722	13.	1.6	6.116	2.473	3.	4.	7.4	8.68
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	4	2.35	2.5	3.8	1.5	0.913	0.956	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/31/79	12	24.35	23.425	30.3	16.	22.177	4.709	16.12	19.425	26.55	30.06
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3165.	2990.167	3930.	1940.	467416.167	683.678	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	46137.5	46137.5	92000.	275.	4206737812.5	64859.37	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.702	3.702	4.964	2.439	3.186	1.785	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			5029.911								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	1660.	1660.	3300.	20.	5379200.	2319.31	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.41	2.41	3.519	1.301	2.459	1.568	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.905								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.01	0.022	0.078	0.003	0.001	0.025	0.003	0.006	0.038	0.075
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.069	0.093	0.296	0.02	0.007	0.086	0.02	0.02	0.147	0.256

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0382

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	6	1	0.17	2	0	0.00	3	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	14	3	0.21	10	2	0.20				4	1	0.25			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	17	0	0.00	3	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	5	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	21	0	0.00	15	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	21	0	0.00	15	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	20	26.35	25.975	31.	14.	17.929	4.234	17.69	24.85	29.	30.45
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	17	8.2	8.512	11.4	6.5	1.93	1.389	6.74	7.5	9.35	11.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	21	0.461	0.472	0.829	0.1	0.032	0.18	0.286	0.336	0.582	0.805
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	13	4.9	5.615	13.	2.8	7.575	2.752	3.	3.8	6.5	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	3	3.	4.333	8.	2.	10.333	3.215	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	3	13.7	13.3	14.	12.2	0.93	0.964	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	3	0.556	0.492	0.589	0.331	0.02	0.14	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	3	6.9	6.233	7.8	4.	3.943	1.986	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	8	21.5	21.413	28.	17.1	13.364	3.656	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	9	9.	8.822	10.1	7.4	0.804	0.897	7.4	7.9	9.5	10.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	8	0.382	0.433	0.702	0.313	0.018	0.135	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	7	6.4	5.7	8.5	1.6	5.807	2.41	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0383

NPS Station ID: GWMP0383
LAT/LON: 38.909726/ -77.050837
Agency: 21DCBAWQ
Date Created: 07/09/88
Location: ROCK CREEK AT P STREET WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 4.20
On/Off RF1:
RF3 Index: 02070010003600.00
RF3 Mile Point: 3.62
Distance from RF3: 0.08
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK,AT P STREET,NORTH WEST,BY PARK AREA IN WASHINGTON,D.C.. PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0383

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0384

NPS Station ID: GWMP0384 LAT/LON: 38.911115/ -77.100281 Agency: 21DCBAWQ Date Created: 10/28/86
Location: FLETCHERS BOAT HOUSE SOUTH WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS03
RMI-Indexes: 0214001 Within Park Boundary: Yes
RMI-Miles: 0099.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 1.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.14 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FLETCHERS BOATHOUSE SOUTH WASH.D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	61	15.7	15.828	30.5	2.1	83.53	9.139	3.44	6.75	24.55	27.
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/13/83	3	0.9	0.7	0.9	0.3	0.12	0.346	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	53	290.	303.868	538.	150.	7558.886	86.942	187.6	250.	338.5	437.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	61	8.8	8.844	13.8	0.7	9.219	3.036	4.44	7.5	11.15	12.74
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	50	7.8	7.856	8.8	6.9	0.172	0.415	7.31	7.575	8.1	8.57
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	50	7.8	7.676	8.8	6.9	0.205	0.453	7.31	7.575	8.1	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	50	0.016	0.021	0.126	0.002	0.	0.022	0.003	0.008	0.027	0.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0384

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	5	0.08	24	0	0.00	23	4	0.17	14	1	0.07			
00400	PH	Other-Hi Lim.	9.	50	0	0.00	20	0	0.00	19	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	50	0	0.00	20	0	0.00	19	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.2	10.567	18.	6.5	41.563	6.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	2	233.	233.	316.	150.	13778.	117.38	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.1	11.1	12.4	8.8	3.99	1.997	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	7	23.3	18.629	28.2	3.1	97.772	9.888	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	175.	199.	272.	150.	4153.	64.444	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	7	8.4	9.4	13.8	6.8	6.743	2.597	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	11.6	11.7	18.2	5.3	41.61	6.451	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	255.	269.667	320.	234.	2010.333	44.837	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	11.8	11.267	12.5	9.5	2.463	1.57	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	17.2	15.245	29.	2.1	120.311	10.969	2.18	4.8	27.	28.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	328.	352.364	538.	252.	8197.855	90.542	255.	282.	404.	525.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	7.7	7.991	13.6	1.4	16.201	4.025	1.58	5.8	12.5	13.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	9	14.3	14.733	29.1	2.6	101.535	10.076	2.6	5.7	25.7	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	278.	291.556	459.	199.	7090.278	84.204	199.	220.	343.5	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	9	6.5	5.878	10.3	0.7	12.979	3.603	0.7	2.3	9.1	10.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	9	21.	18.233	30.5	5.3	68.753	8.292	5.3	11.	24.8	30.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	374.	355.333	512.	177.	11315.75	106.376	177.	276.	438.5	512.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	9	8.4	8.844	11.6	6.6	2.953	1.718	6.6	7.3	10.4	11.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	14.4	15.155	26.5	2.2	87.471	9.353	2.44	5.3	24.5	26.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	9	321.	302.778	341.	217.	1671.694	40.886	217.	279.	335.5	341.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.1	9.809	13.4	7.5	3.679	1.918	7.54	8.	11.1	13.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	8	20.15	17.15	26.6	5.7	77.723	8.816	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	256.	258.571	320.	180.	2060.952	45.398	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	8	8.8	9.788	12.9	7.6	4.844	2.201	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	24	24.8	23.908	30.5	14.3	20.103	4.484	15.8	21.95	26.575	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	20	330.5	355.65	538.	230.	6595.292	81.211	269.3	295.	390.	484.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	24	8.1	8.054	10.4	5.8	1.096	1.047	6.55	7.425	8.8	9.45
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	20	7.8	7.83	8.3	7.2	0.073	0.27	7.41	7.7	8.	8.19
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	20	7.8	7.743	8.3	7.2	0.081	0.284	7.41	7.7	8.	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	20	0.016	0.018	0.063	0.005	0.	0.014	0.006	0.01	0.02	0.039

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	23	5.7	5.996	12.4	2.1	8.752	2.958	2.32	3.4	7.8	11.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	21	282.	286.619	512.	150.	6752.948	82.176	159.8	241.	327.5	397.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	23	11.8	9.922	13.8	1.4	17.539	4.188	2.	9.5	12.8	13.52
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.8	7.853	8.8	7.2	0.198	0.445	7.3	7.5	8.1	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	19	7.8	7.673	8.8	7.2	0.232	0.482	7.3	7.5	8.1	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	19	0.016	0.021	0.063	0.002	0.	0.018	0.003	0.008	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	14	17.9	18.129	28.2	8.9	37.864	6.153	9.55	13.375	23.55	27.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	12	251.5	247.75	335.	175.	3184.205	56.429	175.6	187.5	297.	330.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	14	8.25	8.429	11.8	0.7	7.536	2.745	3.75	7.425	10.35	11.5
00400	PH (STANDARD UNITS)	07/09/84-09/10/90	11	7.9	7.909	8.7	6.9	0.345	0.587	7.	7.4	8.6	8.68
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-09/10/90	11	7.9	7.579	8.7	6.9	0.465	0.682	7.	7.4	8.6	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-09/10/90	11	0.013	0.026	0.126	0.002	0.001	0.036	0.002	0.003	0.04	0.109

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0385

NPS Station ID: GWMP0385 LAT/LON: 38.911115/ -77.113893 Agency: 21VASWCB Date Created: 03/13/93
Location: MILITARY ROAD (ARLINGTON CO) FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AGUL000.60
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: GULF BRANCH SECTION: 07 TOPO MAP #: 0031 TOPO MAP NAME: WASHINGTON WEST, DC - MD - VA

Parameter Inventory for Station: GWMP0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/78-07/05/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/05/78-07/05/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/78-07/05/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/05/78-07/05/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/05/78-07/05/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/05/78-07/05/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/78-07/05/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/05/78-07/05/78	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/05/78-07/05/78	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/05/78-07/05/78	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/78-07/05/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/05/78-07/05/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/05/78-07/05/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/78-07/05/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/05/78-07/05/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/78-07/05/78	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/05/78-07/05/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/78-07/05/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/78-07/05/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/05/78-07/05/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/78-07/05/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/78-07/05/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0386

NPS Station ID: GWMP0386
LAT/LON: 38.911392/ -77.184726
Agency: 112WRD
Date Created: / /
Location: PIMMIT RUN NEAR FALLS CHURCH, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 10.20
On/Off RF1:
RF3 Index: 02070008019300.00
RF3 Mile Point: 0.80
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/69-08/04/77	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/05/69-04/05/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/69-08/04/77	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/69-08/04/77	2	222.	222.	224.	220.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/69-04/05/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/69-04/05/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/69-04/05/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/69-08/04/77	2	46.	46.	53.	39.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/69-08/04/77	2	55.5	55.5	64.	47.	144.5	12.021	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/05/69-04/05/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/05/69-04/05/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/69-08/04/77	2	60.5	60.5	73.	48.	312.5	17.678	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/69-08/04/77	2	15.5	15.5	21.	10.	60.5	7.778	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/69-08/04/77	2	17.	17.	21.	13.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/69-08/04/77	2	4.35	4.35	5.1	3.6	1.125	1.061	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/69-08/04/77	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/05/69-08/04/77	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/05/69-08/04/77	2	45.5	45.5	49.	42.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/69-08/04/77	2	2.8	2.8	3.3	2.3	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/69-08/04/77	2	38.	38.	42.	34.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/69-08/04/77	2	12.5	12.5	14.	11.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/69-08/04/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/69-08/04/77	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/69-08/04/77	2	155.	155.	260.	50.	22050.	148.492	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/69-08/04/77	2	156.5	156.5	182.	131.	1300.5	36.062	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/69-08/04/77	2	142.	142.	160.	124.	648.	25.456	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/69-08/04/77	2	0.19	0.19	0.35	0.03	0.051	0.226	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/69-08/04/77	2	0.215	0.215	0.25	0.18	0.002	0.049	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/05/69-08/04/77	2	2.55	2.55	3.3	1.8	1.125	1.061	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0387

NPS Station ID: GWMP0387
LAT/LON: 38.912504/ -77.101392
Agency: 1113MCST
Date Created: / /
Location: NEAR BEECHWOOD HILLS
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P05/P05 /005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.36
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	8	28.5	28.5	29.	28.	0.214	0.463	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	7	7.2	7.414	8.6	6.6	0.718	0.847	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.35	3.35	3.4	3.3	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.788	0.784	0.843	0.715	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.16	0.163	0.21	0.12	0.002	0.044	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	9.55	9.575	11.9	7.3	3.529	1.879	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.25	22.35	25.6	19.3	6.67	2.583	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	245.	245.	260.	230.	450.	21.213	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.388	2.388	2.415	2.362	0.001	0.038	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			244.54								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.278	1.278	1.301	1.255	0.001	0.032	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.974								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	85.5	88.125	112.5	69.	420.563	20.508	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.3	0.298	0.33	0.26	0.001	0.03	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	7	0	0.00									
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0388

NPS Station ID: GWMP0388
LAT/LON: 38.914449/ -77.102782
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: FLETCHER'S BOATHOUSE SOUTH
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS02
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.76
Distance from RF3: 0.02
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION:D.C. FLECTHER'S BOATHOUSE SOUTH
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATING AFFAIRS

Parameter Inventory for Station: GWMP0388

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0389

NPS Station ID: GWMP0389 LAT/LON: 38.915698/ -77.059754 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/02
RMI-Indexes: 0214001 002700 00030 Within Park Boundary: No
RMI-Miles: 0112.80 0001.50 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 1.260 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.45 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	19.25	19.25	20.	18.5	1.125	1.061	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	20.1	20.1	20.2	20.	0.02	0.141	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	2	0.087	0.087	0.125	0.05	0.003	0.053	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/21/71	2	57150.	57150.	110000.	4300.	5586245000.	74741.187	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/20/71-07/21/71	2	4.337	4.337	5.041	3.633	0.991	0.996	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21748.563								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	2	900.	900.	900.	900.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/21/71	2	2.954	2.954	2.954	2.954	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			900.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1000.								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0390

NPS Station ID: GWMP0390 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A1 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101001.1 /A-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: GWMP0390

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0391

NPS Station ID: GWMP0391 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A2 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101001.2 /A-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 49 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: GWMP0391

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0392

NPS Station ID: GWMP0392 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A8 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101001.8 /A-8
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 16 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 50 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0392

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0393

NPS Station ID: GWMP0393 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A9 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101001.9 /A-9
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE

Parameter Inventory for Station: GWMP0393

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0394

NPS Station ID: GWMP0394
Location: CABIN JOHN BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070008
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070008
RF3 Index: 02070010000100.00
Description:
CABIN JOHN BRIDGE

LAT/LON: 38.916670/ -77.166671

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 7307873585
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.00
Distance from RF3: 0.23

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0394

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0395

NPS Station ID: GWMP0395
Location: CABIN JOHN BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070008
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070008
RF3 Index: 02070008077800.00
Description:
CABIN JOHN BRIDGE

LAT/LON: 38.916670/ -77.166671

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.35

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 7307875150
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 8.00
Distance from RF3: 0.07

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0395

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0396

NPS Station ID: GWMP0396
LAT/LON: 38.917504/ -77.104171
Agency: 1113MCST
Date Created: / /
Location: OPP DC TRIBUTARY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P06/P06 /006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.58
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	28.5	28.5	29.	28.	0.167	0.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.25	7.525	8.6	7.	0.529	0.727	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.1	3.1	3.7	2.5	0.72	0.849	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.746	0.765	0.888	0.678	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.17	0.17	0.22	0.12	0.002	0.042	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.1	10.05	11.3	8.7	1.37	1.17	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.5	22.95	25.2	21.6	2.857	1.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2000.	2000.	2600.	1400.	720000.	848.528	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	3.281	3.281	3.415	3.146	0.036	0.19	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1907.878								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	247.5	247.5	450.	45.	82012.5	286.378	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	2.153	2.153	2.653	1.653	0.5	0.707	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			142.302								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	102.75	97.875	124.5	61.5	858.563	29.301	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.3	0.3	0.33	0.27	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0397

NPS Station ID: GWMP0397
LAT/LON: 38.917504/ -77.104171
Agency: 11121TWQ
Date Created: / /
Location: PO.R. OPPOSITE D.C. TRIBUTARY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D6 /D06 /P06
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 2.310
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.36
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	21	27.	23.286	29.	2.	66.814	8.174	4.1	24.	28.	28.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	10	14.75	25.16	110.	1.6	1075.923	32.801	1.79	4.25	35.375	103.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/80-09/10/80	5	5.8	5.82	7.2	4.7	1.042	1.021	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	10	20.	25.7	108.	4.	893.789	29.896	4.4	9.5	24.5	99.8
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	25	8.	8.668	14.1	6.8	3.154	1.776	7.2	7.7	9.25	12.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-09/16/81	12	1.65	1.825	3.6	0.5	0.955	0.977	0.5	1.1	2.375	3.51
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	12	0.057	0.049	0.08	0.01	0.001	0.024	0.01	0.025	0.067	0.077
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	10	0.069	0.076	0.155	0.022	0.002	0.042	0.023	0.039	0.109	0.151
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	15	0.01	0.009	0.013	0.005	0.	0.003	0.005	0.005	0.012	0.013
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	15	0.46	61.451	914.	0.03	55625.654	235.851	0.162	0.36	0.89	366.434
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/80-09/16/81	13	0.392	0.414	0.722	0.24	0.018	0.132	0.245	0.335	0.503	0.658
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	24	0.504	0.539	0.986	0.311	0.025	0.158	0.358	0.423	0.612	0.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	11	0.72	0.713	1.51	0.03	0.281	0.53	0.03	0.07	1.21	1.456
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/02/76	11	0.24	0.383	0.93	0.05	0.079	0.281	0.068	0.19	0.66	0.892
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	11	0.02	0.054	0.26	0.01	0.005	0.072	0.012	0.02	0.06	0.226
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/80-09/16/81	15	0.072	0.084	0.208	0.054	0.002	0.039	0.058	0.065	0.076	0.167
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/80-09/16/81	15	0.038	0.043	0.094	0.02	0.	0.022	0.021	0.023	0.052	0.086
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/80-09/16/81	15	0.021	0.028	0.08	0.004	0.001	0.025	0.004	0.004	0.036	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	19	5.5	5.705	13.2	2.1	5.421	2.328	3.1	4.1	6.7	7.3
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/02/76	10	22.05	22.54	28.2	15.5	19.949	4.466	15.76	18.85	27.15	28.17
32230	CHLOROPHYLL A (MG/L)	12/02/76-12/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	5	1	0.20	2	0	0.00	3	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	5	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	17	0	0.00	3	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	15	0	0.00	13	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	15	1	0.07	13	0	0.00				2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	14	27.25	26.821	29.	24.	3.562	1.887	24.	24.375	28.125	29.
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	17	7.7	7.876	9.6	6.8	0.398	0.631	7.12	7.55	8.2	8.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	17	0.486	0.531	0.986	0.311	0.032	0.179	0.325	0.406	0.6	0.896
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	13	5.1	5.546	13.2	2.1	7.696	2.774	2.5	3.7	6.8	10.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	3	3.	4.5	8.5	2.	12.25	3.5	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	3	12.6	12.833	14.1	11.8	1.363	1.168	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	3	0.536	0.512	0.597	0.403	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	3	5.5	5.767	7.2	4.6	1.743	1.32	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	4	25.	25.	28.	22.	6.667	2.582	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	5	8.9	8.86	10.	7.8	0.928	0.963	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	4	0.614	0.596	0.686	0.469	0.011	0.103	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	3	6.2	6.333	6.7	6.1	0.103	0.321	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0398

NPS Station ID: GWMP0398 | LAT/LON: 38.917781/ -77.105004 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: FLETCHERS BOAT HOUSE WASH.D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): PMS01
RMI-Indexes: 0214001 | Within Park Boundary: Yes
RMI-Miles: 0099.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 2.310 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02070010002900.85 | RF3 Mile Point: 3.44 | Distance from RF3: 0.07 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: FLETCHERS BOAT HOUSE D. C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	228	21.25	18.511	30.	0.2	65.915	8.119	6.08	10.825	25.9	27.01
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	64	0.8	0.941	3.4	0.	0.518	0.72	0.2	0.4	1.375	1.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	211	287.	306.398	525.	109.	7934.184	89.074	211.	253.	361.	460.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	227	8.3	8.725	14.7	1.9	5.109	2.26	6.38	7.5	10.1	11.92
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	62	1.05	1.339	4.4	0.5	0.89	0.943	0.5	0.5	1.925	2.88
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	213	7.7	7.724	8.8	6.4	0.221	0.47	7.1	7.4	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	213	7.7	7.481	8.8	6.4	0.28	0.529	7.1	7.4	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	213	0.02	0.033	0.398	0.002	0.002	0.043	0.004	0.01	0.04	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	69	74.	74.522	120.	0.	425.959	20.639	48.	61.	90.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/10/90	52	15.	32.	650.	2.	8113.216	90.073	2.	4.	28.5	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	69 ##	0.02	0.052	0.36	0.	0.003	0.057	0.02	0.02	0.073	0.126
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	70	0.011	0.052	2.8	0.005	0.111	0.333	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	70	1.305	1.23	2.08	0.05	0.191	0.438	0.686	0.978	1.533	1.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/10/90	48	0.429	0.515	2.33	0.1	0.147	0.383	0.1	0.3	0.641	0.919
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/10/90	45	0.071	0.1	0.466	0.018	0.006	0.081	0.034	0.059	0.112	0.205
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/10/90	44	0.042	0.048	0.14	0.005	0.001	0.032	0.011	0.029	0.059	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/10/90	63	0.024	0.028	0.095	0.004	0.	0.022	0.004	0.013	0.038	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	52	4.15	4.687	11.6	1.4	4.458	2.111	2.23	3.225	6.1	7.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	67	3.8	3.678	6.5	1.2	1.084	1.041	2.28	3.	4.3	4.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	67	116.	117.254	192.	0.	968.707	31.124	85.6	100.	134.	162.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	48.	44.	52.	32.	112.	10.583	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	49	2.3	2.16	4.	0.05	1.258	1.121	0.4	1.25	3.2	3.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/86-07/16/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-07/16/90	17 ##	2.5	2.412	2.5	1.	0.132	0.364	2.2	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-07/16/90	17 ##	5.	6.735	32.	2.5	44.316	6.657	4.5	5.	5.	14.4
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-07/16/90	17 ##	12.5	9.912	13.	5.	14.007	3.743	5.	5.	12.5	13.
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-07/16/90	17	566.	898.882	2172.	168.	548681.61	740.73	200.8	309.5	1661.	2153.6
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-07/16/90	17 ##	25.	23.676	25.	2.5	29.779	5.457	20.5	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-07/16/90	16	58.5	183.75	1324.	5.	110312.2	332.133	5.7	20.75	226.75	705.9
01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-07/16/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	34	1550.	19281.412	240000.	10.	2334386089.159	48315.485	45.5	317.5	11775.	77500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	34	3.19	3.249	5.38	1.	1.219	1.104	1.655	2.501	4.066	4.812

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1773.581								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	124.5	841.056	10000.	10.	3438492.454	1854.317	10.	20.	1122.5	1990.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	36	2.086	2.16	4.	1.	0.776	0.881	1.	1.301	3.028	3.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			144.436								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	840.	1300.	2740.	240.	1353000.	1163.185	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-09/10/90	5	2.924	2.929	3.438	2.38	0.228	0.477	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			848.374								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	1400.	13900.	47200.	700.	406670000.	20166.061	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-09/10/90	5	3.146	3.605	4.674	2.845	0.665	0.816	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4023.654								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	22	2.5	6.091	34.	0.	73.753	8.588	0.15	0.5	7.75	21.2
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	23	2.	7.13	31.	0.	90.346	9.505	0.2	0.5	13.	23.6
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-07/16/90	17 ##	0.1	0.2	1.8	0.1	0.17	0.412	0.1	0.1	0.1	0.44
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	70	12.	28.943	240.	0.	1619.243	40.24	5.1	8.	32.75	66.

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EPA Water Quality Criteria Analysis for Station: GWMP0398

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	227	7	0.03	111	0	0.00	49	7	0.14	67	0	0.00			
00400	PH	Other-Hi Lim.	9.	213	0	0.00	103	0	0.00	43	0	0.00	67	0	0.00			
		Other-Lo Lim.	6.5	213	1	0.00	103	0	0.00	43	1	0.02	67	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	70	1	0.01	24	1	0.04	28	0	0.00	18	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	70	0	0.00	24	0	0.00	28	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	16	5	0.31	6	4	0.67	5	0	0.00	5	1	0.20			
		Drinking Water	5000.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33 &	18	0.55	11	7	0.64	13	6	0.46	9	5	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	16	0.44	13	7	0.54	13	4	0.31	10	5	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	5	1.00	3	3	1.00				2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	2.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	70	13	0.19	24	5	0.21	29	5	0.17	17	3	0.18			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	3	7.3	10.433	17.3	6.7	35.453	5.954	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	3	0.3	0.433	0.7	0.3	0.053	0.231	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	3	245.	225.	280.	150.	4525.	67.268	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	3	12.2	11.	12.4	8.4	5.08	2.254	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3	1.2	1.4	1.8	1.2	0.12	0.346	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.1	7.1	7.3	6.9	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	3	7.1	7.07	7.3	6.9	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	3	0.079	0.085	0.126	0.05	0.001	0.038	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	3	82.	72.	88.	46.	516.	22.716	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3	0.042	0.041	0.056	0.026	0.	0.015	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3	1.31	1.217	1.6	0.74	0.191	0.438	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	4.7	4.767	5.5	4.1	0.493	0.702	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	3	66.	47.333	66.	10.	1045.333	32.332	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	9	14.4	15.144	28.4	0.2	123.573	11.116	0.2	4.25	26.2	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	6	0.25	0.317	0.7	0.1	0.046	0.214	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	7	243.	231.714	353.	109.	6655.571	81.582	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	9	10.1	10.289	14.4	6.4	9.729	3.119	6.4	7.3	13.45	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	7	2.	2.114	3.9	0.5	1.018	1.009	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	6	7.8	7.65	8.4	6.8	0.323	0.568	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	6	7.789	7.346	8.4	6.8	0.434	0.659	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	6	0.016	0.045	0.158	0.004	0.004	0.059	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	7	70.	67.714	94.	46.	288.571	16.987	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	8	0.074	0.073	0.134	0.027	0.002	0.04	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	8	0.013	0.015	0.037	0.005	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	8	1.52	1.476	2.08	0.81	0.191	0.437	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	5	3.5	3.54	4.8	2.	1.183	1.088	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	8	96.	102.5	136.	84.	335.714	18.323	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	8	35.	55.625	162.	10.	2667.696	51.65	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	11	11.8	13.773	18.	5.7	15.406	3.925	6.9	11.7	17.5	17.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	3	0.7	0.7	1.2	0.2	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	11	257.	277.364	320.	233.	919.655	30.326	237.6	256.	310.	318.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	11	10.8	10.473	12.8	9.	1.53	1.237	9.04	9.2	11.3	12.54
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	3	1.	0.9	1.2	0.5	0.13	0.361	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	7	7.7	7.686	7.9	7.5	0.015	0.121	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	7	7.7	7.671	7.9	7.5	0.015	0.122	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	7	0.02	0.021	0.032	0.013	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	3	64.	78.667	112.	60.	837.333	28.937	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3 ##	0.02	0.028	0.043	0.02	0.	0.013	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3	0.01	0.011	0.012	0.01	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	3	1.52	1.39	1.75	0.9	0.193	0.44	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	3	3.	2.733	4.	1.2	2.013	1.419	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	3	110.	126.	164.	104.	1092.	33.045	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	3	15.	40.667	96.	11.	2300.333	47.962	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	34	21.9	20.424	28.8	3.1	61.665	7.853	5.4	17.1	27.1	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	11	1.	1.036	2.	0.5	0.209	0.457	0.52	0.7	1.3	1.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	34	361.	368.176	525.	217.	10445.725	102.204	267.	276.5	475.	522.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	34	7.8	7.812	13.2	1.9	5.063	2.25	6.3	7.05	8.7	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	11	1.	1.509	4.4	0.5	1.753	1.324	0.5	0.5	2.6	4.12
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	34	7.8	7.95	8.8	6.4	0.34	0.583	7.4	7.575	8.6	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	34	7.8	7.549	8.8	6.4	0.506	0.711	7.4	7.575	8.6	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	34	0.016	0.028	0.398	0.002	0.004	0.067	0.002	0.003	0.027	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	12	83.	81.	112.	60.	244.727	15.644	60.6	65.5	90.	106.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	11 ##	0.02	0.038	0.158	0.	0.002	0.047	0.004	0.02	0.02	0.146
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12	0.015	0.015	0.027	0.005	0.	0.007	0.005	0.01	0.021	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12	0.825	0.89	1.96	0.05	0.346	0.588	0.068	0.47	1.343	1.876
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.6	3.408	4.9	1.7	1.132	1.064	1.79	2.4	4.25	4.81
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	12	128.	134.333	186.	100.	690.788	26.283	101.2	115.	156.5	180.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	12	11.	13.417	27.	6.	50.447	7.103	6.3	8.	20.	26.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	51	24.4	19.363	29.1	2.3	67.169	8.196	8.	13.7	26.4	28.34
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	11	1.4	1.1	2.	0.1	0.428	0.654	0.12	0.4	1.5	1.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	51	264.	294.392	460.	199.	8243.843	90.796	200.	212.	315.	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	51	7.9	7.627	13.	2.1	4.671	2.161	4.08	6.3	8.9	9.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.	1.289	3.	0.5	0.781	0.884	0.5	0.5	2.05	3.
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	51	7.3	7.324	8.	6.7	0.112	0.334	6.9	7.	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	51	7.3	7.203	8.	6.7	0.127	0.356	6.9	7.	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	51	0.05	0.063	0.2	0.01	0.002	0.046	0.02	0.025	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	11	70.	79.091	112.	58.	321.091	17.919	58.4	66.	96.	109.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12 ##	0.02	0.035	0.091	0.02	0.001	0.028	0.02	0.02	0.046	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12 ##	0.005	0.011	0.045	0.005	0.	0.012	0.005	0.005	0.015	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12	1.35	1.373	1.87	0.32	0.179	0.424	0.545	1.133	1.71	1.831
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.5	3.65	6.5	1.8	1.675	1.294	2.01	2.575	4.45	6.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	11	120.	119.455	170.	86.	590.473	24.3	88.	100.	130.	166.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	11	8.	16.182	66.	5.	327.964	18.11	5.2	7.	20.	58.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	37	21.5	20.097	30.	4.3	63.219	7.951	9.6	10.75	25.8	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	10	1.	1.28	3.4	0.1	0.753	0.868	0.17	0.875	1.625	3.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	37	376.	357.892	514.	165.	8489.377	92.138	243.6	253.	395.	485.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	36	7.45	8.014	11.9	6.	2.83	1.682	6.	6.825	9.75	10.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	8	1.3	1.4	3.	0.5	0.874	0.935	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	29	7.9	7.914	8.4	7.	0.094	0.307	7.4	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	29	7.9	7.778	8.4	7.	0.113	0.337	7.4	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	29	0.013	0.017	0.1	0.004	0.	0.019	0.006	0.008	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	11	90.	82.364	120.	44.	567.055	23.813	44.4	60.	100.	116.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	11 ##	0.02	0.067	0.36	0.02	0.011	0.107	0.02	0.02	0.048	0.322
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	11 ##	0.005	0.009	0.017	0.005	0.	0.005	0.005	0.005	0.013	0.016
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	11	1.	1.063	1.77	0.43	0.156	0.395	0.48	0.81	1.34	1.722
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	11	4.2	4.064	6.2	2.3	1.121	1.059	2.34	3.6	4.4	5.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	11	120.	125.818	192.	62.	1786.764	42.27	62.	96.	154.	188.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	11	9.	37.455	240.	4.	5117.273	71.535	4.2	7.	19.	210.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	42	23.65	18.333	26.5	1.1	63.258	7.954	7.1	10.875	26.1	26.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	11	0.7	1.145	3.3	0.2	0.913	0.955	0.22	0.4	1.9	3.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	32	282.	282.313	340.	217.	2212.157	47.034	218.	223.75	333.25	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	42	8.7	9.493	14.7	7.5	3.431	1.852	7.63	7.7	11.1	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	12 ##	0.5	0.742	1.4	0.5	0.135	0.368	0.5	0.5	1.15	1.37
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	42	7.9	7.96	8.7	7.1	0.068	0.26	7.7	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	42	7.9	7.877	8.7	7.1	0.075	0.273	7.7	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	42	0.013	0.013	0.079	0.002	0.	0.012	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	12	78.	74.667	90.	48.	208.242	14.431	49.2	64.5	87.	90.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12 ##	0.02	0.05	0.198	0.02	0.003	0.054	0.02	0.02	0.078	0.167
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12	0.012	0.243	2.8	0.005	0.649	0.805	0.005	0.005	0.017	1.966
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	12	1.29	1.288	1.75	0.98	0.033	0.183	1.016	1.203	1.348	1.63
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	3.7	3.542	4.9	2.2	0.724	0.851	2.26	2.75	4.1	4.81
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	12	121.	117.167	138.	80.	334.879	18.3	82.4	108.5	133.	137.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	12	13.	20.5	60.	4.	400.818	20.02	4.	5.25	33.75	58.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	41	16.9	17.215	26.3	1.2	65.422	8.088	5.8	10.2	24.6	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	9	0.4	0.667	2.1	0.	0.448	0.669	0.	0.15	1.1	2.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	36	284.5	263.722	332.	163.	2553.063	50.528	179.4	235.75	300.	321.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	41	9.1	9.705	13.2	7.4	4.193	2.048	7.42	8.	11.4	12.98
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	9	1.5	1.444	3.1	0.5	0.84	0.917	0.5	0.5	2.1	3.1
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	41	7.6	7.724	8.7	6.8	0.207	0.455	7.3	7.4	7.9	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	41	7.6	7.546	8.7	6.8	0.24	0.49	7.3	7.4	7.9	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	41	0.025	0.028	0.158	0.002	0.001	0.026	0.002	0.013	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	10	64.	57.2	84.	0.	650.844	25.512	2.8	47.5	76.5	83.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	9	0.057	0.071	0.131	0.02	0.002	0.039	0.02	0.044	0.113	0.131
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	9	0.011	0.013	0.024	0.005	0.	0.008	0.005	0.005	0.021	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	9	1.32	1.353	1.79	0.77	0.091	0.301	0.77	1.215	1.6	1.79
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	9	3.8	3.811	4.6	3.	0.316	0.562	3.	3.3	4.35	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	10	108.	94.2	128.	0.	1411.067	37.564	6.4	82.	114.5	126.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	10	18.	32.	132.	0.	1488.222	38.577	0.7	9.25	40.5	124.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	111	24.6	23.589	30.	13.7	20.616	4.54	14.92	21.5	26.4	28.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	24	0.85	0.913	2.	0.	0.385	0.621	0.1	0.3	1.475	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	100	361.	364.01	525.	230.	6918.01	83.175	268.	300.	458.25	483.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	111	8.	7.984	10.5	6.	1.195	1.093	6.4	7.2	8.7	9.68
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	20	1.	1.21	3.1	0.5	0.697	0.835	0.5	0.5	1.95	2.58
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	103	7.7	7.726	8.4	6.7	0.099	0.315	7.24	7.6	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	103	7.7	7.596	8.4	6.7	0.117	0.341	7.24	7.6	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	103	0.02	0.025	0.2	0.004	0.001	0.026	0.008	0.013	0.025	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	23	84.	85.478	112.	66.	176.806	13.297	70.	74.	92.	107.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/10/90	16	13.5	20.	112.	2.	684.133	26.156	3.4	7.5	19.5	59.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	23	0.054	0.076	0.36	0.	0.007	0.081	0.02	0.02	0.109	0.182
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	24	0.011	0.13	2.8	0.005	0.324	0.569	0.005	0.005	0.022	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	24	0.985	0.992	2.	0.05	0.225	0.474	0.215	0.748	1.335	1.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/10/90	16	0.606	0.678	1.38	0.356	0.086	0.293	0.378	0.398	0.914	1.128
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/10/90	15	0.084	0.113	0.288	0.039	0.005	0.073	0.052	0.065	0.159	0.263
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/10/90	14	0.054	0.068	0.14	0.013	0.002	0.039	0.023	0.033	0.101	0.132
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/10/90	22	0.038	0.039	0.095	0.004	0.001	0.027	0.004	0.014	0.059	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	4.35	4.431	6.7	2.6	1.792	1.339	2.74	3.225	5.475	6.56
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	23	4.1	4.017	6.5	2.	0.979	0.989	2.58	3.6	4.3	5.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	23	130.	134.609	186.	88.	667.794	25.842	103.2	114.	154.	172.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	16	2.	2.081	4.	0.2	1.336	1.156	0.48	1.05	3.1	3.58
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	12	4750.	45676.	240000.	170.	5732502028.364	75713.288	305.	825.5	98750.	204000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	12	3.551	3.785	5.38	2.23	1.136	1.066	2.399	2.916	4.945	5.29
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6091.505								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	200.	1582.385	10000.	16.	8363757.923	2892.016	17.6	24.	1850.	7960.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	2.301	2.366	4.	1.204	0.995	0.998	1.243	1.374	3.259	3.876
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			232.04								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	24	10.5	30.083	162.	4.	1681.732	41.009	4.5	8.	34.	99.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	50	6.6	6.882	12.5	0.2	9.48	3.079	2.64	5.35	9.6	11.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	25	1.	1.188	3.4	0.2	0.774	0.88	0.2	0.5	1.75	2.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	45	253.	258.644	514.	109.	4394.234	66.289	199.	220.5	292.	329.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	49	11.3	10.055	14.7	1.9	14.486	3.806	2.6	9.3	12.85	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	27 ##	0.5	1.033	2.4	0.5	0.442	0.665	0.5	0.5	1.4	2.24
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	43	7.6	7.672	8.7	6.4	0.355	0.596	6.9	7.2	8.1	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	43	7.6	7.333	8.7	6.4	0.473	0.688	6.9	7.2	8.1	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	43	0.025	0.046	0.398	0.002	0.004	0.067	0.002	0.008	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	29	68.	68.345	120.	0.	506.877	22.514	46.	59.	86.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/10/90	23	6.	17.174	77.	2.	465.423	21.574	2.	4.	22.	60.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	28 ##	0.02	0.036	0.131	0.02	0.001	0.029	0.02	0.02	0.043	0.086
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	28	0.011	0.01	0.022	0.005	0.	0.006	0.005	0.005	0.016	0.018
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	28	1.525	1.484	2.08	0.68	0.11	0.331	1.021	1.283	1.748	1.879
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/10/90	21	0.295	0.302	0.668	0.1	0.025	0.159	0.1	0.152	0.431	0.454
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/10/90	20	0.06	0.074	0.242	0.018	0.003	0.052	0.028	0.04	0.098	0.157
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/10/90	20	0.038	0.04	0.085	0.005	0.001	0.022	0.006	0.025	0.051	0.079
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/10/90	24	0.023	0.023	0.07	0.004	0.	0.017	0.004	0.011	0.027	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	24	3.7	4.358	9.4	1.4	4.769	2.184	1.95	2.45	6.125	7.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	28	3.3	3.296	6.2	1.2	1.294	1.137	1.79	2.325	4.1	4.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	27	112.	110.889	192.	0.	1201.641	34.665	76.8	96.	128.	152.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	20	2.3	2.12	3.8	0.2	1.374	1.172	0.31	1.075	3.2	3.49
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	13	800.	4756.538	22000.	40.	49982868.103	7069.856	55.2	235.	9200.	19200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	13	2.903	3.025	4.342	1.602	0.804	0.897	1.718	2.363	3.958	4.276

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1058.212								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	99.	497.769	1900.	10.	592294.692	769.607	10.	14.	1045.	1900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	13	1.996	2.044	3.279	1.	0.737	0.858	1.	1.128	2.911	3.279
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			110.787								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	29	10.	21.621	96.	0.	690.601	26.279	5.	7.	24.	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-09/10/90	67	16.9	18.775	28.4	9.1	39.419	6.278	10.2	11.9	24.	27.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-09/10/90	15	0.6	0.573	1.	0.1	0.116	0.341	0.1	0.2	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-09/10/90	66	256.	251.667	353.	163.	2395.579	48.945	180.	216.	273.5	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-09/10/90	67	8.9	8.979	12.9	6.4	2.664	1.632	7.06	7.8	11.	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-09/10/90	15	1.7	2.06	4.4	0.5	1.348	1.161	0.8	1.	3.	4.1
00400	PH (STANDARD UNITS)	10/12/83-09/10/90	67	7.8	7.755	8.8	6.8	0.327	0.572	6.9	7.4	8.1	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-09/10/90	67	7.8	7.441	8.8	6.8	0.427	0.653	6.9	7.4	8.1	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-09/10/90	67	0.016	0.036	0.158	0.002	0.002	0.043	0.002	0.008	0.04	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-09/10/90	17	66.	70.235	112.	44.	418.941	20.468	45.6	52.	89.	97.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-09/10/90	13	20.	73.	650.	2.	30338.333	174.179	2.	13.	46.5	409.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	18	0.029	0.048	0.172	0.02	0.002	0.042	0.02	0.02	0.068	0.107
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	18	0.012	0.012	0.024	0.005	0.	0.006	0.005	0.005	0.014	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-09/10/90	18	1.28	1.154	1.7	0.46	0.107	0.326	0.496	0.995	1.353	1.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/10/90	11	0.566	0.685	2.33	0.1	0.342	0.585	0.145	0.394	0.78	2.032
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-09/10/90	10	0.091	0.132	0.466	0.059	0.015	0.122	0.06	0.066	0.142	0.434
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-09/10/90	10	0.038	0.037	0.086	0.005	0.001	0.025	0.006	0.015	0.053	0.083
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-09/10/90	17	0.022	0.02	0.042	0.004	0.	0.012	0.004	0.008	0.026	0.041
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-09/10/90	12	4.55	5.683	11.6	3.	6.84	2.615	3.18	3.85	7.825	10.67
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-09/10/90	16	3.8	3.856	4.9	2.7	0.524	0.724	2.91	3.15	4.475	4.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-09/10/90	17	104.	103.882	130.	62.	433.735	20.826	62.	91.	120.	128.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-09/10/90	13	2.9	2.319	3.3	0.05	1.146	1.07	0.51	1.4	3.2	3.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-01/08/90	9	1800.	5069.	23000.	10.	57095455.5	7556.153	10.	33.5	8550.	23000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-01/08/90	9	3.255	2.858	4.362	1.	1.575	1.255	1.	1.456	3.931	4.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			721.623								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	178.	323.6	1300.	10.	168957.378	411.044	10.	17.5	582.5	1229.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-01/08/90	10	2.174	2.042	3.114	1.	0.613	0.783	1.	1.226	2.765	3.08
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			110.094								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-09/10/90	17	20.	39.824	240.	9.	3132.029	55.965	9.8	11.5	36.5	120.

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Station Inventory for Station: GWMP0399

NPS Station ID: GWMP0399 | LAT/LON: 38.917781/ -77.120837 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: BATTERY KIMBLE, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): TBK01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 2.750 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003600.00 | RF3 Mile Point: 3.38 | Distance from RF3: 0.03 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: BATTERY KIMBLE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	78	14.05	14.227	29.9	1.3	55.82	7.471	4.2	6.8	20.675	23.46
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-04/08/86	5	1.	6.2	26.	1.	122.7	11.077	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	78	428.	480.833	2450.	158.	111932.504	334.563	261.9	338.25	511.	574.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	74	9.3	9.128	14.8	0.	7.477	2.734	6.4	7.975	10.825	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	65	1.	1.44	10.	0.	3.212	1.792	0.5	0.5	1.3	4.
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	74	7.7	7.615	8.6	6.1	0.169	0.411	7.05	7.375	7.9	8.05
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	74	7.7	7.353	8.6	6.1	0.238	0.488	7.05	7.375	7.9	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	74	0.02	0.044	0.794	0.003	0.009	0.095	0.009	0.013	0.042	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	77	64.	65.299	110.	38.	221.028	14.867	47.6	53.	79.	84.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	59	10.	22.729	286.	0.	1663.442	40.785	2.	2.	26.	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	65 ##	0.02	0.04	0.324	0.	0.003	0.054	0.013	0.02	0.043	0.077
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	77 ##	0.005	0.013	0.198	0.005	0.001	0.025	0.005	0.005	0.013	0.017
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	76	2.095	2.064	3.88	0.35	0.8	0.894	0.821	1.31	2.865	3.279
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	65	0.33	0.366	2.36	0.02	0.129	0.359	0.02	0.1	0.495	0.689
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	52	0.062	0.097	0.584	0.005	0.015	0.123	0.024	0.034	0.101	0.219
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	49	0.034	0.039	0.084	0.005	0.001	0.023	0.005	0.02	0.055	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	72	0.024	0.031	0.174	0.	0.001	0.028	0.004	0.012	0.046	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	6.333	11.	3.	17.333	4.163	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	4.	3.333	5.	1.	4.333	2.082	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	75	170.	165.507	340.	70.	1269.226	35.626	123.6	152.	184.	198.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	45.	45.667	61.	31.	225.333	15.011	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	47	7.4	6.585	10.	2.7	4.993	2.235	3.48	4.3	8.4	9.18
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	18 ##	5.	6.028	16.	2.5	12.249	3.5	4.75	5.	5.	15.1
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	18 ##	8.75	10.722	48.	5.	100.565	10.028	5.	5.	12.5	16.05
01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	18	225.5	1659.444	22000.	1.	26056040.967	5104.512	1.	50.	1158.25	3689.5
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	18	28.	49.056	161.	0.	2446.644	49.464	4.5	10.	89.5	130.4
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	4	3400.	26875.	100000.	700.	2378722500.	48772.149	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/83-02/22/84	4	3.516	3.719	5.	2.845	0.838	0.916	**	**	**	**

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Parameter Inventory for Station: GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5237.531								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	40	1300.	3278.9	24000.	20.	23435360.195	4841.008	330.	490.	4200.	11000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	40	3.114	3.137	4.38	1.301	0.382	0.618	2.519	2.69	3.62	4.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1370.289								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	7000.	6880.	12500.	780.	14570400.	3817.119	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	3.845	3.725	4.097	2.892	0.18	0.425	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			5311.521								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/18/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/18/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	18 ##	0.1	0.103	0.15	0.1	0.	0.012	0.1	0.1	0.1	0.105
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	77	9.	20.931	234.	0.6	1587.01	39.837	3.	5.	16.5	40.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0399

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	74	4	0.05	26	0	0.00	27	2	0.07	21	2	0.10			
00400	PH	Other-Hi Lim.	9.	74	0	0.00	27	0	0.00	27	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	74	1	0.01	27	0	0.00	27	1	0.04	20	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	77	0	0.00	27	0	0.00	29	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	76	0	0.00	27	0	0.00	29	0	0.00	20	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	8	1	0.13	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	3	0.17	8	1	0.13	5	1	0.20	5	1	0.20			
		Drinking Water	5000.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	3	0.75	1	1	1.00	3	2	0.67						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	38 &	36	0.95	14	12	0.86	13	13	1.00	11	11	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	77	6	0.08	28	4	0.14	28	1	0.04	21	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	3	10.4	10.2	16.	4.2	34.84	5.903	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	3	315.	297.667	340.	238.	2826.333	53.163	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	3	9.4	6.967	9.5	2.	18.503	4.302	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	3	6.9	7.067	7.4	6.9	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	3	6.9	7.012	7.4	6.9	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	3	0.126	0.097	0.126	0.04	0.002	0.05	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	3	54.	68.	100.	50.	772.	27.785	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	3 ##	2.	96.667	286.	2.	26885.333	163.967	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3	0.079	0.065	0.102	0.015	0.002	0.045	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3	0.01	0.01	0.016	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3	1.23	1.417	2.35	0.67	0.732	0.855	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	3	0.429	0.364	0.563	0.1	0.057	0.238	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	3	0.077	0.207	0.5	0.044	0.065	0.254	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	3	0.061	0.059	0.073	0.043	0.	0.015	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	3	6.	80.2	234.	0.6	17748.12	133.222	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	10	14.2	13.66	22.2	3.	46.478	6.817	3.2	7.625	19.775	22.19
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	10	435.	418.1	680.	262.	17452.544	132.108	263.6	287.	491.25	661.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	9	7.8	5.833	9.5	0.	14.945	3.866	0.	1.3	8.7	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	7	7.8	7.686	8.2	6.9	0.205	0.453	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	7	7.8	7.465	8.2	6.9	0.262	0.512	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	7	0.016	0.034	0.126	0.006	0.002	0.042	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	10	51.	53.6	64.	40.	57.6	7.589	40.8	49.5	60.5	63.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	9	5.	10.222	48.	2.	218.194	14.771	2.	2.	11.5	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	10 ##	0.016	0.04	0.188	0.01	0.003	0.056	0.01	0.01	0.046	0.177
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	10 ##	0.005	0.006	0.014	0.005	0.	0.003	0.005	0.005	0.005	0.013
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	3.1	3.088	3.88	2.4	0.237	0.487	2.4	2.665	3.415	3.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	10	0.316	0.369	0.803	0.1	0.054	0.233	0.1	0.188	0.528	0.793
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	10	0.047	0.058	0.148	0.025	0.001	0.038	0.025	0.026	0.075	0.142
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.03	0.033	0.057	0.012	0.	0.016	0.013	0.022	0.052	0.057
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	170.	169.2	200.	132.	313.067	17.694	134.8	160.	177.	198.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	10	4.15	7.01	25.	0.7	55.865	7.474	0.78	1.875	11.5	23.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	9	17.	17.056	25.3	5.	33.81	5.815	5.	13.95	21.1	25.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	9	364.	334.667	483.	158.	14569.75	120.705	158.	202.	445.5	483.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	8	8.1	8.288	11.7	5.9	3.564	1.888	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	1.	1.111	2.6	0.	0.611	0.782	0.	0.5	1.6	2.6
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.7	7.744	8.1	7.3	0.053	0.23	7.3	7.65	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.7	7.688	8.1	7.3	0.056	0.237	7.3	7.65	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	9	0.02	0.021	0.05	0.008	0.	0.012	0.008	0.013	0.023	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	9	64.	68.444	80.	50.	110.778	10.525	50.	62.	79.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	9	23.	23.444	44.	0.	295.528	17.191	0.	6.	41.5	44.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.02	0.022	0.041	0.02	0.	0.007	0.02	0.02	0.02	0.041
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.006	0.009	0.019	0.005	0.	0.005	0.005	0.005	0.014	0.019

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Annual Analysis for 1985 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	1.14	1.592	3.63	0.76	1.021	1.011	0.76	0.84	2.3	3.63
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	9	0.328	0.403	1.07	0.1	0.075	0.274	0.1	0.267	0.453	1.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	9	0.108	0.165	0.584	0.058	0.027	0.164	0.058	0.082	0.175	0.584
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	9	0.049	0.05	0.067	0.036	0.	0.009	0.036	0.043	0.056	0.067
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	166.	160.	172.	118.	290.	17.029	118.	156.	171.	172.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	9	14.	34.444	187.	4.	3372.528	58.073	4.	9.	30.5	187.

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Annual Analysis for 1986 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	11	13.7	13.809	22.4	1.4	55.269	7.434	1.96	5.	19.8	22.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	11	495.	638.818	2200.	398.	270383.364	519.984	401.6	465.	517.	1874.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	10	9.	9.74	13.9	7.	5.954	2.44	7.03	7.6	12.05	13.82
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11 ##	0.5	1.709	7.6	0.	5.645	2.376	0.1	0.5	2.2	7.04
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.3	7.255	7.9	6.1	0.221	0.47	6.26	7.	7.5	7.84
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.3	6.924	7.9	6.1	0.341	0.584	6.26	7.	7.5	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	11	0.05	0.119	0.794	0.013	0.051	0.226	0.015	0.032	0.1	0.661
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	11	72.	70.364	90.	50.	155.055	12.452	50.4	60.	80.	88.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	11	15.	24.636	109.	0.	1064.655	32.629	0.	2.	39.	96.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11 ##	0.02	0.051	0.324	0.	0.008	0.092	0.004	0.02	0.046	0.269
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11	0.013	0.026	0.104	0.005	0.001	0.032	0.005	0.01	0.029	0.097
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11	1.46	1.644	3.27	0.35	0.822	0.906	0.422	0.99	2.38	3.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	11	0.372	0.608	2.36	0.1	0.438	0.662	0.1	0.1	0.655	2.124
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	10	0.077	0.146	0.551	0.03	0.025	0.159	0.031	0.043	0.207	0.521
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.038	0.034	0.07	0.	0.001	0.024	0.	0.012	0.052	0.069
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	11	178.	165.818	196.	78.	1185.964	34.438	88.	160.	188.	194.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	11	9.	30.091	162.	3.	2248.491	47.418	3.4	5.	28.	142.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	12.4	13.025	24.3	2.8	57.886	7.608	3.31	5.25	20.425	23.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	513.	534.083	1255.	190.	62035.538	249.069	255.4	421.25	539.75	1053.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	12	10.55	10.425	13.2	7.1	4.122	2.03	7.25	8.825	12.2	13.02
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	1.25	2.05	6.7	0.5	3.803	1.95	0.5	0.625	3.5	6.01
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.35	7.417	8.6	6.7	0.222	0.471	6.82	7.125	7.5	8.39
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.347	7.247	8.6	6.7	0.253	0.503	6.82	7.125	7.5	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	12	0.045	0.057	0.2	0.003	0.003	0.051	0.006	0.032	0.075	0.163
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	12	64.	67.	82.	52.	126.909	11.265	52.6	57.	79.5	81.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	5	29.	30.6	70.	2.	891.8	29.863	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.02	0.05	0.257	0.02	0.006	0.078	0.02	0.02	0.036	0.257
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.005	0.025	0.198	0.005	0.003	0.055	0.005	0.005	0.017	0.144
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	2.38	2.194	3.38	0.62	0.831	0.912	0.683	1.523	3.063	3.308
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6 ##	0.1	0.197	0.547	0.02	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	3	0.037	0.036	0.038	0.033	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	12	0.032	0.036	0.123	0.007	0.001	0.029	0.011	0.021	0.037	0.099
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	174.	168.333	204.	70.	1204.242	34.702	96.4	160.	192.5	201.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	12	10.	16.833	54.	1.	341.061	18.468	1.6	3.5	30.5	52.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	13.	14.483	29.9	1.3	102.522	10.125	1.45	5.975	23.8	29.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	435.5	608.	2450.	237.	346544.182	588.68	264.3	392.25	562.75	1885.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	12	9.5	9.717	14.8	6.	6.745	2.597	6.15	7.925	11.775	14.02
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	1.	1.191	4.	0.5	1.071	1.035	0.5	0.5	1.3	3.56
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.9	7.842	8.3	7.1	0.121	0.348	7.16	7.725	8.075	8.27
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.9	7.689	8.3	7.1	0.146	0.382	7.16	7.725	8.075	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	12	0.013	0.02	0.079	0.005	0.	0.022	0.005	0.008	0.019	0.071
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	12	75.	77.167	110.	60.	228.697	15.123	60.	64.5	87.5	104.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	3	15.	12.333	17.	5.	41.333	6.429	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.008	0.009	0.019	0.005	0.	0.005	0.005	0.005	0.013	0.018
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	1.495	1.893	3.22	0.78	0.801	0.895	0.876	1.148	2.958	3.193
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	11 ##	0.02	0.047	0.172	0.02	0.003	0.051	0.02	0.02	0.085	0.159
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	2 ##	0.023	0.023	0.034	0.013	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.011	0.011	0.026	0.004	0.	0.007	0.004	0.004	0.016	0.025
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	191.	192.583	340.	132.	2844.811	53.337	137.4	154.	207.	301.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	11	7.	9.455	22.	1.	42.473	6.517	1.6	5.	13.	21.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	12.3	14.267	25.6	3.3	61.559	7.846	3.78	7.3	22.325	24.79
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	374.	407.25	583.	302.	10022.932	100.115	308.	327.75	512.75	577.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	11	9.9	9.736	11.6	7.3	1.591	1.261	7.5	8.9	10.8	11.46
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12 ##	0.5	1.433	10.	0.5	7.344	2.71	0.5	0.5	1.	7.36
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.8	7.791	8.	7.6	0.019	0.138	7.6	7.7	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.8	7.772	8.	7.6	0.019	0.139	7.6	7.7	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	11	0.016	0.017	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	11	62.	60.	82.	44.	137.6	11.73	44.	46.	66.	79.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	11	10.	11.455	26.	2.	55.473	7.448	2.	6.	17.	24.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	0.043	0.045	0.098	0.02	0.001	0.026	0.02	0.02	0.067	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.005	0.006	0.013	0.005	0.	0.003	0.005	0.005	0.005	0.013
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	1.98	2.087	3.3	1.5	0.327	0.572	1.503	1.573	2.43	3.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	0.362	0.443	0.848	0.283	0.043	0.208	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	6	0.042	0.047	0.113	0.005	0.002	0.039	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.013	0.031	0.174	0.004	0.003	0.052	0.004	0.008	0.026	0.162
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	134.	145.	192.	116.	725.455	26.934	117.2	126.	176.5	189.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	12	8.5	18.583	126.	3.	1164.265	34.121	3.	5.25	14.75	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	9	14.7	15.089	24.7	5.8	49.339	7.024	5.8	7.7	21.6	24.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	9	394.	422.222	624.	261.	12530.444	111.939	261.	338.	498.5	624.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	9	9.7	9.956	11.9	8.	2.448	1.565	8.	8.35	11.75	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	1.	0.978	1.7	0.5	0.239	0.489	0.5	0.5	1.4	1.7
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.8	7.8	7.9	7.6	0.01	0.1	7.6	7.75	7.9	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.8	7.789	7.9	7.6	0.01	0.101	7.6	7.75	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	9	0.016	0.016	0.025	0.013	0.	0.004	0.013	0.013	0.018	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	9	48.	56.444	84.	38.	313.778	17.714	38.	42.	76.	84.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	8	12.	20.125	74.	2.	544.125	23.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	8 ##	0.02	0.024	0.05	0.02	0.	0.011	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	8 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	8	2.38	2.293	3.03	1.07	0.437	0.661	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	9	0.495	0.479	0.677	0.273	0.013	0.113	0.273	0.402	0.539	0.677
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	9	0.056	0.053	0.087	0.024	0.001	0.026	0.024	0.028	0.081	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	8 ##	0.008	0.01	0.021	0.004	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	160.	154.	188.	90.	1108.	33.287	90.	133.	182.	188.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	9	15.	14.556	39.	4.	130.028	11.403	4.	5.	20.5	39.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	28	22.05	20.704	29.9	10.1	22.785	4.773	13.93	17.25	23.35	25.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	28	394.	382.679	523.	158.	9082.448	95.302	213.4	330.	455.	497.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	26	8.1	8.062	10.8	5.9	1.607	1.268	6.21	7.075	9.025	9.62
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.8	7.77	8.3	7.3	0.084	0.289	7.3	7.5	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.8	7.678	8.3	7.3	0.092	0.304	7.3	7.5	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	27	0.016	0.021	0.05	0.005	0.	0.014	0.006	0.01	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	28	79.	73.929	100.	40.	196.587	14.021	51.8	62.	83.5	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	19	18.	36.526	286.	0.	4011.819	63.339	0.	8.	39.	74.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	23 ##	0.02	0.029	0.102	0.	0.001	0.025	0.01	0.02	0.02	0.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	27 ##	0.005	0.007	0.019	0.005	0.	0.004	0.005	0.005	0.01	0.014
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	27	1.31	1.468	3.32	0.35	0.478	0.691	0.732	1.07	1.77	2.514
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	23	0.33	0.371	1.07	0.02	0.089	0.298	0.02	0.1	0.563	0.83
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	17	0.087	0.143	0.584	0.041	0.024	0.154	0.047	0.07	0.128	0.517
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	16	0.055	0.053	0.084	0.011	0.	0.021	0.019	0.036	0.067	0.083
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	25	0.033	0.034	0.073	0.	0.	0.022	0.004	0.014	0.052	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	162.	156.037	204.	70.	922.037	30.365	112.4	150.	172.	191.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	16	5.	5.888	9.7	2.7	6.171	2.484	2.91	3.675	8.425	9.21
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	14	1300.	3114.286	13000.	20.	18087964.835	4252.995	95.	490.	3700.	12000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	14	3.114	3.069	4.114	1.301	0.546	0.739	1.766	2.69	3.496	4.078
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1172.591								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	28	13.	32.714	234.	4.	3115.989	55.821	5.	8.25	23.25	132.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	29	5.7	6.866	19.8	1.3	18.744	4.329	1.8	4.2	10.4	13.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	29	483.	603.828	2450.	237.	264425.576	514.223	262.	348.5	571.5	1255.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	27	11.7	10.781	14.8	2.	7.927	2.815	7.52	10.2	12.2	13.34
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.4	7.363	8.1	6.1	0.21	0.458	6.86	7.	7.8	7.82
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.4	7.077	8.1	6.1	0.295	0.543	6.86	7.	7.8	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	27	0.04	0.084	0.794	0.008	0.023	0.15	0.015	0.016	0.1	0.141
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	28	58.	58.786	110.	40.	193.286	13.903	44.	48.5	66.	71.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	24 ##	2.	10.833	70.	0.	275.971	16.612	2.	2.	14.75	38.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	24 ##	0.02	0.058	0.324	0.01	0.007	0.081	0.018	0.02	0.057	0.223
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	29	0.01	0.018	0.198	0.005	0.001	0.037	0.005	0.005	0.014	0.016
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	29	2.85	2.568	3.88	0.67	0.717	0.847	0.99	2.21	3.18	3.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	25	0.328	0.351	2.36	0.02	0.209	0.457	0.036	0.1	0.421	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	21	0.037	0.068	0.551	0.013	0.013	0.113	0.024	0.031	0.062	0.1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	20	0.033	0.033	0.08	0.005	0.	0.021	0.005	0.014	0.046	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	26	0.022	0.032	0.174	0.004	0.002	0.039	0.004	0.009	0.044	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	178.	173.185	340.	78.	2081.003	45.618	124.	152.	194.	202.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	17	6.7	6.288	9.1	2.8	3.826	1.956	3.36	4.35	7.8	8.54
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	15	790.	2419.067	12000.	230.	10051735.924	3170.447	290.	366.	4500.	7740.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	15	2.898	3.063	4.079	2.362	0.306	0.553	2.456	2.563	3.653	3.846
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1155.284								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	28	5.	13.225	162.	0.6	943.505	30.717	0.97	3.	8.5	27.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	21	14.7	15.757	24.	8.5	18.145	4.26	9.6	12.75	19.1	22.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	21	478.	441.857	583.	188.	11464.829	107.074	282.6	370.5	535.	563.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	21	8.7	8.324	12.6	0.	9.128	3.021	1.64	7.95	9.7	11.48
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	20	7.8	7.745	8.6	7.1	0.104	0.322	7.31	7.5	7.9	8.09
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	20	7.8	7.639	8.6	7.1	0.115	0.34	7.31	7.5	7.9	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	20	0.016	0.023	0.079	0.003	0.	0.018	0.008	0.013	0.032	0.049
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	21	60.	62.476	80.	38.	141.562	11.898	45.2	53.	72.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	16	14.5	24.188	109.	2.	724.829	26.923	2.	9.25	30.5	67.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	18 ##	0.02	0.029	0.098	0.01	0.	0.021	0.019	0.02	0.038	0.057
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	21 ##	0.005	0.014	0.104	0.005	0.	0.022	0.005	0.005	0.013	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	20	2.155	2.139	3.63	0.71	0.547	0.739	0.848	1.663	2.645	3.082
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	17	0.362	0.381	1.18	0.02	0.079	0.282	0.02	0.2	0.495	0.75
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	14	0.056	0.086	0.247	0.005	0.006	0.08	0.01	0.026	0.13	0.239
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	13	0.031	0.032	0.075	0.005	0.001	0.023	0.005	0.009	0.05	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	21	0.02	0.025	0.07	0.004	0.	0.019	0.004	0.011	0.038	0.054
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	21	170.	167.81	208.	110.	585.962	24.207	132.	160.	184.	200.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	14	7.75	7.743	10.	3.7	3.681	1.919	3.9	7.15	9.2	9.85
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	11	1300.	4660.909	24000.	460.	50563269.091	7110.785	526.	790.	4600.	21400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-01/23/90	11	3.114	3.324	4.38	2.663	0.297	0.545	2.71	2.898	3.663	4.312
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2108.672								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	21	11.	15.495	66.	1.5	241.777	15.549	3.12	5.	21.	36.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0400

NPS Station ID: GWMP0400 LAT/LON: 38.918976/ -77.056366 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/01 /TAFT BRIDGE
RMI-Indexes: 0214001 002700 00050 Within Park Boundary: No
RMI-Miles: 0112.80 0001.80 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 2.000 Distance from RF1: 0.30 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 10.29 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	19.75	19.75	20.	19.5	0.125	0.354	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	21.5	21.5	22.5	20.5	2.	1.414	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	2	0.178	0.178	0.23	0.125	0.006	0.074	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/21/71-07/21/71	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/21/71-07/21/71	1	4.176	4.176	4.176	4.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15000.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	2	56000.	56000.	110000.	2000.	5832000000.	76367.532	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/21/71	2	4.171	4.171	5.041	3.301	1.514	1.231	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			14832.397								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	2	11100.	11100.	15000.	7200.	30420000.	5515.433	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	2	4.017	4.017	4.176	3.857	0.051	0.225	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			10392.305								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0401

NPS Station ID: GWMP0401
LAT/LON: 38.919448/ -77.033338
Agency: 31POTOMA
Date Created: 01/24/81
Location: ROCK CREEK AT CONN. AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101033.0 /RC6
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0101.00 0007.60
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003604.49
RF3 Mile Point: 14.96
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0401

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0402

NPS Station ID: GWMP0402
LAT/LON: 38.919448/ -77.036115
Agency: 31POTOMA
Date Created: 03/27/81
Location: ROCK CREEK AT WEST BEACH DRIVE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101020.5 /RC-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010062200.00
RF3 Mile Point: 8.72
Distance from RF3: 0.07
On/Off RF3:
Description:
STATION LOCATED AT WEST BEACH DRIVE 8.8 MILES FROM THE MOUTH

Parameter Inventory for Station: GWMP0402

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0403

NPS Station ID: GWMP0403 LAT/LON: 38.920948/ -77.050503 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 02/TAFT ST.
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0002.35
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.11 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/31/71	34	22.95	22.897	29.	18.	4.163	2.04	20.25	21.8	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/31/71	33	24.	24.076	29.	16.5	7.261	2.695	21.	22.35	25.75	28.6
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	30	7.8	7.733	10.	5.	1.353	1.163	5.91	7.1	8.425	9.63
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/12/71	32	0.635	0.729	2.117	0.006	0.232	0.481	0.203	0.321	1.1	1.412
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	42	24000.	198209.524	2400000.	1500.203803543809.524		451446.059	5260.	13575.	110000.	908000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	42	4.38	4.619	6.38	3.176	0.558	0.747	3.706	4.124	5.041	5.928
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41588.004								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	39	9300.	50887.179	460000.	1500.12358051673.414		111166.774	2300.	4300.	24000.	240000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/16/71-08/12/71	39	3.968	4.099	5.663	3.176	0.438	0.662	3.362	3.633	4.38	5.38
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			12549.216								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	11	9000.	43954.545	240000.	400. 5332494727.273		73023.933	400.	400.	46000.	214000.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	11	3.954	3.919	5.38	2.602	1.008	1.004	2.602	2.602	4.663	5.312
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8291.212								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	41	30000.	94865.854	890000.	6300.24334946304.878		155996.623	9400.	14000.	118500.	296000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	41	4.477	4.606	5.949	3.799	0.314	0.56	3.972	4.146	5.074	5.471
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			40399.285								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	32	0.025	0.032	0.19	0.008	0.001	0.033	0.013	0.02	0.03	0.047

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0403

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00	16	0	0.00				14	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	8	0.25	25	6	0.24				7	2	0.29			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	42	42	1.00	28	28	1.00				14	14	1.00			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	37 &	37	1.00	24	24	1.00				13	13	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0404

NPS Station ID: GWMP0404
LAT/LON: 38.922782/ -77.145281
Agency: 112WRD
Date Created: / /
Location: LITTLE PIMMIT RUN AT ARLINGTON, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 21.70
On/Off RF1:
RF3 Index: 02070008080100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/69-08/04/77	2	23.	23.	27.	19.	32.	5.657	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/28/69-04/28/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/77-08/04/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/69-08/04/77	2	14.	14.	20.	8.	72.	8.485	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/69-08/04/77	2	172.	172.	194.	150.	968.	31.113	**	**	**	**
00400	PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/28/69-04/28/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/69-04/28/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	51.5	51.5	52.	51.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/69-08/04/77	2	62.5	62.5	63.	62.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/28/69-04/28/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/77-08/04/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/28/69-04/28/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/77-08/04/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/69-08/04/77	2	66.	66.	68.	64.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/28/69-08/04/77	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/69-08/04/77	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/69-08/04/77	2	4.45	4.45	4.6	4.3	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/69-08/04/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/28/69-08/04/77	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/28/69-08/04/77	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/69-08/04/77	2	3.45	3.45	3.5	3.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/28/69-08/04/77	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/28/69-08/04/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/69-08/04/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/69-08/04/77	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/69-08/04/77	2	110.	110.	200.	20.	16200.	127.279	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/69-08/04/77	2	126.	126.	129.	123.	18.	4.243	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/28/69-08/04/77	2	118.	118.	120.	116.	8.	2.828	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/28/69-08/04/77	2	0.125	0.125	0.17	0.08	0.004	0.064	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/28/69-08/04/77	2	0.175	0.175	0.18	0.17	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/69-08/04/77	2	3.15	3.15	4.5	1.8	3.645	1.909	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0404

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0405

NPS Station ID: GWMP0405 LAT/LON: 38.922782/ -77.145281 Agency: 21VASWCB Date Created: 04/10/93
Location: ROUTE 689 (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ALIO001.04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: LITTLE PIMMIT RUN SECTION: 07 TOPO MAP #: 0024 TOPO MAP NAME: FALLS CHURCH, VA - MD

Parameter Inventory for Station: GWMP0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-07/16/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/16/86-07/16/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/16/86-07/16/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/16/86-07/16/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/16/86-07/16/86	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/16/86-07/16/86	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/86-07/16/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/16/86-07/16/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/16/86-07/16/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/86-07/16/86	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/16/86-07/16/86	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/16/86-07/16/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/16/86-07/16/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/16/86-07/16/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/16/86-07/16/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/86	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-07/16/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-07/16/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/16/86-07/16/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/16/86-07/16/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/16/86-07/16/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/16/86-07/16/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/16/86-07/16/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/16/86-07/16/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/16/86-07/16/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/16/86-07/16/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/16/86-07/16/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/16/86-07/16/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/86-07/16/86	1	930.	930.	930.	930.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/86-07/16/86	1	2.968	2.968	2.968	2.968	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			930.								
71900	MERCURY, TOTAL (UG/L AS HG)	07/16/86-07/16/86	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0405

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0406

NPS Station ID: GWMP0406
LAT/LON: 38.923615/ -77.110282
Agency: 1113MCST
Date Created: / /
Location: BELOW GULF BRANCH OPP ARIZONA AV
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P07/P07 /007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.70
On/Off RF1:
RF3 Index: 02070010003201.47
RF3 Mile Point: 1.54
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	28.75	28.625	29.	28.	0.229	0.479	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.25	7.325	7.7	7.1	0.083	0.287	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	2.9	2.9	3.3	2.5	0.32	0.566	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.805	0.788	0.828	0.715	0.003	0.051	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.135	0.153	0.23	0.11	0.003	0.057	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.2	9.75	10.4	8.2	1.077	1.038	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.85	22.95	24.1	22.	0.95	0.975	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	460.	460.	460.	460.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			460.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	27.	27.	45.	9.	648.	25.456	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.304	1.304	1.653	0.954	0.244	0.494	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.125								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	103.5	96.75	120.	60.	714.75	26.735	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.34	0.33	0.35	0.29	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0406

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0407

NPS Station ID: GWMP0407 LAT/LON: 38.927504/ -77.083338 Agency: 21DCBAWQ Date Created: 10/28/86
Location: FOUNDRY BRANCH PARK, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TFB01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002900.85 RF3 Mile Point: 3.04 Distance from RF3: 0.26 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FOUNDRY BRANCH PARK, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	72	16.1	15.153	24.7	0.2	33.433	5.782	6.03	10.125	20.15	21.61
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	30.	43.333	100.	0.	2633.333	51.316	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-01/14/86	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	72	395.	471.528	4850.	61.	290491.267	538.972	247.7	359.75	470.5	596.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	67	7.2	7.255	13.6	0.	5.197	2.28	4.68	6.	8.6	10.04
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	65	2.3	2.788	11.	0.	4.989	2.233	0.5	1.25	4.	4.92
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	69	7.3	7.304	9.3	6.2	0.336	0.58	6.5	7.	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	69	7.3	6.987	9.3	6.2	0.438	0.662	6.5	7.	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	69	0.05	0.103	0.631	0.001	0.018	0.134	0.013	0.023	0.1	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	74	76.	72.486	138.	10.	631.787	25.135	38.	61.5	80.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	58	8.	12.534	72.	0.	182.92	13.525	2.	4.	15.5	28.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	62	0.062	0.109	0.53	0.	0.012	0.112	0.02	0.02	0.185	0.248
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	75	0.031	0.062	0.776	0.005	0.011	0.104	0.005	0.015	0.062	0.145
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	73	3.2	3.371	15.8	0.02	5.492	2.343	0.788	2.04	4.29	5.292
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	62	0.488	0.758	5.42	0.02	0.779	0.883	0.068	0.231	1.048	1.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-09/18/90	51	0.091	0.172	0.578	0.	0.025	0.158	0.025	0.055	0.283	0.416
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-09/18/90	51	0.04	0.093	0.417	0.	0.011	0.107	0.01	0.024	0.121	0.278
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	70	0.026	0.078	0.883	0.	0.021	0.144	0.005	0.013	0.08	0.178
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/19/83-12/19/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/19/83-12/19/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	73	160.	170.123	500.	22.	4009.887	63.324	130.8	145.	181.	238.4
00945	SULFATE, TOTAL (MG/L AS SO4)	12/19/83-12/19/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-09/18/90	46	9.25	8.589	13.	1.4	9.887	3.144	3.86	6.1	11.1	12.43
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-07/10/90	17 ##	2.5	2.412	2.5	1.	0.132	0.364	2.2	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-07/10/90	17 ##	5.	5.853	15.	2.5	8.93	2.988	4.5	5.	5.	12.6
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-07/10/90	17 ##	12.5	143.294	1940.	5.	216045.033	464.806	5.	5.	51.	516.8
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	17	373.	798.647	3057.	1.	875793.118	935.838	1.8	171.	1279.	2747.4
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-07/10/90	17 ##	25.	23.676	25.	2.5	29.779	5.457	20.5	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-07/10/90	17	120.	199.176	1045.	0.	64339.154	253.652	16.	50.5	237.	617.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/19/83-02/22/84	2	155.	155.	230.	80.	11250.	106.066	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/19/83-02/22/84	2	2.132	2.132	2.362	1.903	0.105	0.324	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			135.647								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	38	475.	5904.342	54000.	0.	149480656.988	12226.228	20.	210.	3300.	23300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	38	2.676	2.793	4.732	0.	1.199	1.095	1.301	2.322	3.519	4.363
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			620.728								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	4	6300.	6550.	13600.	0.	51816666.667	7198.379	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	4	3.46	2.764	4.134	0.	3.747	1.936	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			580.158								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/14/86-01/14/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/14/86-01/14/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-04/09/90	17 ##	0.1	0.118	0.3	0.1	0.003	0.053	0.1	0.1	0.1	0.22
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	75	9.	17.463	162.	1.	762.877	27.62	2.46	4.	17.	46.8

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EPA Water Quality Criteria Analysis for Station: GWMP0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	67	5	0.07	24	2	0.08	23	1	0.04	20	2	0.10			
00400	PH	Other-Hi Lim.	9.	69	1	0.01	25	0	0.00	25	0	0.00	19	1	0.05			
		Other-Lo Lim.	6.5	69	7	0.10	25	2	0.08	25	3	0.12	19	2	0.11			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	75	0	0.00	27	0	0.00	27	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	73	2	0.03	25	0	0.00	27	2	0.07	21	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16 &	6	0.38	7	5	0.71	4	1	0.25	5	0	0.00			
		Drinking Water	1300.	17	1	0.06	7	1	0.14	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	17	9	0.53	7	3	0.43	5	4	0.80	5	2	0.40			
		Drinking Water	5000.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00				2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	38	30	0.79	13	12	0.92	14	9	0.64	11	9	0.82			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	6	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	17	0	0.00	6	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	75	7	0.09	26	3	0.12	28	3	0.11	21	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	1	0.201	0.201	0.201	0.201	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	9	16.	15.744	21.1	9.5	20.788	4.559	9.5	11.25	20.9	21.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	9	410.	382.778	469.	268.	5558.694	74.557	268.	297.5	439.	469.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	8	7.8	7.363	9.8	1.4	7.028	2.651	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	2 ##	6.7	6.7	8.7	4.7	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	7	7.5	7.543	8.3	6.7	0.29	0.538	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	7	7.5	7.271	8.3	6.7	0.376	0.613	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	7	0.032	0.054	0.2	0.005	0.005	0.068	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	11	80.	82.727	138.	38.	1134.618	33.684	39.6	50.	120.	136.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	9	7.	19.222	72.	2.	732.694	27.068	2.	2.	36.5	72.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	10	0.053	0.092	0.217	0.01	0.007	0.084	0.01	0.014	0.191	0.217
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	10	0.081	0.112	0.407	0.01	0.014	0.119	0.011	0.026	0.151	0.383
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	10	4.48	5.199	15.8	0.02	16.331	4.041	0.362	3.74	5.505	14.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	10	0.276	0.506	1.15	0.1	0.144	0.379	0.113	0.246	0.887	1.138
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	10	0.019	0.018	0.031	0.007	0.	0.008	0.007	0.012	0.026	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	165.	178.8	246.	142.	1223.289	34.976	143.	158.	195.5	245.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	11	11.	19.355	90.	1.5	826.293	28.745	1.52	2.1	16.	84.

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Annual Analysis for 1985 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	7	16.4	16.429	21.7	5.4	29.162	5.4	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	7	374.	356.857	390.	239.	2886.143	53.723	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	6	5.85	6.367	8.9	5.4	1.751	1.323	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	9	1.	1.767	4.	0.	2.133	1.46	0.	0.5	3.15	4.
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	7	7.6	7.486	7.7	7.	0.061	0.248	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	7	7.6	7.414	7.7	7.	0.067	0.26	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	7	0.025	0.039	0.1	0.02	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	7	80.	79.143	96.	56.	151.81	12.321	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	9	9.	10.889	24.	0.	73.611	8.58	0.	4.	20.	24.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9 ##	0.02	0.05	0.121	0.02	0.002	0.042	0.02	0.02	0.092	0.121
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9 ##	0.013	0.026	0.106	0.005	0.001	0.033	0.005	0.005	0.036	0.106
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	2.27	2.591	4.86	0.32	2.761	1.662	0.32	1.1	4.15	4.86
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	9	0.606	1.428	5.42	0.332	2.91	1.706	0.332	0.433	2.1	5.42
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	8	0.025	0.063	0.29	0.009	0.009	0.095	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	7	152.	154.571	200.	110.	838.286	28.953	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	7	10.	10.857	30.	3.	85.476	9.245	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	10	19.2	17.14	24.7	0.2	51.605	7.184	1.11	15.525	21.275	24.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	10	426.5	435.5	621.	331.	9048.056	95.121	332.1	349.5	494.	610.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	9	6.4	6.989	11.5	3.9	4.834	2.199	3.9	5.85	8.2	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	11	2.3	2.909	7.4	0.	3.877	1.969	0.26	2.	3.6	6.94
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	10	7.15	7.1	7.8	6.2	0.196	0.442	6.26	6.8	7.425	7.77
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	10	7.147	6.873	7.8	6.2	0.253	0.503	6.26	6.8	7.425	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	10	0.071	0.134	0.631	0.016	0.033	0.181	0.017	0.038	0.158	0.584
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	11	76.	58.818	82.	10.	741.364	27.228	11.2	32.	78.	81.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	11	15.	15.727	35.	0.	135.818	11.654	0.	6.	26.	33.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	11	0.06	0.116	0.53	0.	0.024	0.155	0.004	0.02	0.19	0.469
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	11	0.042	0.043	0.076	0.005	0.001	0.023	0.006	0.03	0.062	0.075
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	4.47	4.65	10.2	0.04	11.589	3.404	0.04	1.995	7.58	10.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	11	0.579	0.885	2.71	0.397	0.5	0.707	0.399	0.501	1.2	2.486
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	11	0.012	0.016	0.045	0.	0.	0.013	0.001	0.005	0.025	0.041
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	11	162.	168.818	300.	60.	3682.164	60.681	72.6	140.	200.	284.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	11	6.	14.364	72.	3.	396.455	19.911	3.	3.	15.	61.

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Annual Analysis for 1987 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	12	13.6	14.508	22.	5.5	36.648	6.054	6.49	9.05	20.8	21.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	12	370.	391.417	848.	61.	48157.902	219.449	79.3	285.75	433.25	813.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	12	7.95	8.517	13.6	6.4	3.992	1.998	6.52	6.925	9.625	12.52
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	12	2.45	2.729	4.5	0.5	1.612	1.27	0.77	1.725	3.925	4.485
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	12	6.75	6.975	9.3	6.2	0.731	0.855	6.26	6.425	7.075	8.88
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	12	6.747	6.647	9.3	6.2	0.848	0.921	6.26	6.425	7.075	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	12	0.179	0.225	0.631	0.001	0.034	0.185	0.004	0.085	0.378	0.561
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	12	70.	63.75	124.	11.	898.568	29.976	13.7	43.5	79.5	110.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	5	8.	8.6	17.	2.	33.3	5.771	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	0.042	0.085	0.249	0.02	0.007	0.081	0.02	0.02	0.139	0.249
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	12	0.023	0.032	0.09	0.005	0.001	0.03	0.005	0.007	0.052	0.088
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	12	3.105	3.039	5.5	0.4	2.19	1.48	0.502	2.16	4.135	5.149
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	6 ##	0.327	0.446	1.47	0.02	0.277	0.527	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	12	0.06	0.159	0.625	0.008	0.043	0.207	0.009	0.026	0.242	0.591
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	151.	161.167	382.	22.	7551.606	86.9	41.8	135.	158.5	342.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	12	8.	16.583	66.	1.	394.447	19.861	1.3	3.25	26.25	58.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	12	13.25	14.325	23.5	4.7	44.062	6.638	5.12	7.575	20.725	23.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	12	394.5	777.833	4850.	128.	1666134.333	1290.788	153.5	374.75	598.5	3588.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	12	7.35	7.167	11.3	0.	9.026	3.004	1.41	5.375	9.225	10.97
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	10	1.45	2.19	9.1	0.5	6.31	2.512	0.5	0.95	2.225	8.45
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	12	7.05	7.2	8.7	6.4	0.453	0.673	6.43	6.65	7.75	8.46
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	12	7.047	6.891	8.7	6.4	0.557	0.746	6.43	6.65	7.75	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	12	0.09	0.129	0.398	0.002	0.016	0.128	0.005	0.022	0.228	0.374
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	12	79.	83.5	136.	58.	523.727	22.885	59.2	70.	89.	131.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	3	7.	14.333	31.	5.	209.333	14.468	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	3	0.075	0.132	0.301	0.02	0.022	0.149	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	11	0.016	0.023	0.053	0.005	0.	0.015	0.006	0.011	0.032	0.05
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	11	3.64	3.564	4.87	1.82	0.67	0.818	2.046	3.	4.14	4.746
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	10 ##	0.073	0.094	0.224	0.02	0.006	0.078	0.02	0.02	0.159	0.224
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	9	0.025	0.042	0.086	0.004	0.001	0.032	0.004	0.015	0.075	0.086
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	166.	201.667	500.	130.	10020.97	100.105	136.6	153.	225.	423.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	12	4.5	18.583	132.	3.	1334.265	36.528	3.	4.	19.75	99.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	12	15.95	14.617	21.8	5.2	35.691	5.974	5.29	8.275	19.825	21.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	12	451.	424.75	553.	177.	8705.477	93.303	235.5	389.5	478.	534.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	11	7.3	7.291	10.8	3.1	5.175	2.275	3.4	6.	8.	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	12	1.65	2.588	11.	0.5	8.591	2.931	0.5	0.625	3.7	8.915
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	11	7.5	7.5	8.3	7.	0.188	0.434	7.	7.1	7.7	8.28
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	11	7.5	7.346	8.3	7.	0.214	0.463	7.	7.1	7.7	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	11	0.032	0.045	0.1	0.005	0.001	0.034	0.005	0.02	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	11	76.	73.455	90.	28.	264.073	16.25	36.4	70.	80.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	11	7.	10.091	35.	2.	85.691	9.257	2.4	4.	14.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	10	0.061	0.106	0.25	0.02	0.008	0.09	0.02	0.036	0.218	0.248
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	12	0.043	0.059	0.213	0.012	0.003	0.057	0.014	0.026	0.069	0.186
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	12	2.55	2.703	4.55	0.86	1.84	1.356	0.959	1.31	4.093	4.541
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	6	0.896	1.024	2.54	0.34	0.648	0.805	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	10	0.086	0.166	0.883	0.024	0.066	0.257	0.025	0.046	0.162	0.811
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	158.	157.667	220.	50.	1691.515	41.128	76.4	145.5	181.5	212.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	12	8.	20.75	162.	2.	1998.932	44.709	2.3	4.	11.75	118.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	9	16.	15.056	21.2	9.4	16.633	4.078	9.4	11.2	18.4	21.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	9	468.	479.667	618.	330.	6631.5	81.434	330.	438.5	539.	618.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	9	6.3	6.411	8.4	3.3	2.541	1.594	3.3	5.45	7.65	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	9	4.1	3.8	7.7	1.2	4.118	2.029	1.2	1.7	4.7	7.7
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	9	7.6	7.578	7.8	7.1	0.052	0.228	7.1	7.45	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	9	7.6	7.517	7.8	7.1	0.056	0.237	7.1	7.45	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	9	0.025	0.03	0.079	0.016	0.	0.02	0.016	0.016	0.036	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	9	62.	66.222	90.	48.	227.444	15.081	48.	54.	81.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	9	8.	9.333	23.	2.	39.25	6.265	2.	5.5	12.	23.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	0.193	0.206	0.475	0.02	0.017	0.129	0.02	0.116	0.27	0.475
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	0.053	0.145	0.776	0.017	0.058	0.241	0.017	0.029	0.138	0.776

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	9	2.21	2.286	3.21	1.79	0.173	0.416	1.79	1.97	2.44	3.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	9	1.12	1.052	1.67	0.102	0.225	0.475	0.102	0.793	1.42	1.67
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	9	0.072	0.071	0.188	0.004	0.005	0.068	0.004	0.004	0.126	0.188
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	152.	160.667	220.	132.	739.	27.185	132.	142.	175.	220.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	9	19.	21.111	54.	8.	217.361	14.743	8.	10.	28.	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	26	21.	19.727	24.7	9.8	10.712	3.273	15.34	17.625	21.725	23.01
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	26	415.5	416.038	732.	61.	26803.878	163.719	162.3	346.5	505.5	627.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	24	6.75	6.496	9.8	3.3	1.927	1.388	4.3	5.9	7.275	8.05
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	24	2.4	2.917	11.	0.	4.716	2.172	0.75	1.55	3.925	4.75
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	25	7.4	7.312	7.9	6.5	0.174	0.418	6.68	6.9	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	25	7.4	7.105	7.9	6.5	0.219	0.468	6.68	6.9	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	25	0.04	0.078	0.316	0.013	0.008	0.087	0.016	0.023	0.129	0.222
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	26	76.	73.	136.	11.	1090.4	33.021	18.8	54.5	88.5	123.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	19	11.	16.368	72.	0.	359.69	18.965	0.	4.	21.	60.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	22	0.065	0.112	0.475	0.	0.014	0.118	0.02	0.02	0.153	0.286
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	27	0.03	0.054	0.407	0.005	0.007	0.083	0.005	0.012	0.045	0.15
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	25	2.39	2.41	4.34	0.02	1.807	1.344	0.226	1.41	3.57	4.156
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	22	0.569	0.93	5.42	0.02	1.362	1.167	0.077	0.277	1.113	2.279
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-09/18/90	19	0.208	0.211	0.522	0.	0.025	0.158	0.018	0.055	0.347	0.418
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-09/18/90	18	0.08	0.107	0.352	0.	0.01	0.098	0.015	0.031	0.18	0.276
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	26	0.048	0.063	0.263	0.	0.003	0.058	0.01	0.02	0.085	0.151
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	26	161.	169.962	300.	22.	3706.438	60.881	92.	142.5	220.	247.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-09/18/90	16	7.25	7.15	11.8	1.9	8.612	2.935	2.6	5.	9.6	11.17
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	13	790.	4817.692	35000.	140.	102686869.231	10133.453	168.	320.	2750.	27800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	13	2.898	3.04	4.544	2.146	0.515	0.717	2.217	2.505	3.43	4.419
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1096.399								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	26	10.	20.923	162.	3.	1236.634	35.166	3.	3.75	17.5	69.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	26	9.35	9.369	17.6	0.2	17.216	4.149	5.05	5.875	12.35	16.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	26	395.	576.923	4850.	122.	775956.954	880.884	249.7	369.5	468.75	626.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	23	8.	7.935	11.5	3.1	4.276	2.068	4.76	6.3	9.3	10.56
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	23	2.8	3.226	9.1	0.5	5.946	2.439	0.5	1.4	4.45	7.58
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	25	7.	7.128	8.3	6.2	0.304	0.551	6.4	6.7	7.45	8.06
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	25	7.	6.861	8.3	6.2	0.378	0.615	6.4	6.7	7.45	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	25	0.1	0.138	0.631	0.005	0.023	0.151	0.01	0.036	0.2	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	27	78.	71.778	124.	32.	336.718	18.35	46.	58.	80.	87.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	23	8.	11.87	35.	0.	103.573	10.177	2.	5.	17.	29.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	23	0.051	0.085	0.214	0.01	0.005	0.073	0.015	0.02	0.147	0.205
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	27	0.031	0.085	0.776	0.005	0.022	0.148	0.009	0.023	0.09	0.203
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	27	4.33	4.391	15.8	0.22	10.419	3.228	0.836	2.16	5.07	9.416
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	23	0.432	0.645	2.95	0.02	0.453	0.673	0.066	0.102	1.12	1.382
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-09/18/90	19	0.082	0.146	0.538	0.019	0.024	0.155	0.024	0.059	0.188	0.47
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-09/18/90	20	0.031	0.075	0.417	0.005	0.013	0.114	0.01	0.018	0.075	0.344
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	24	0.024	0.069	0.513	0.004	0.014	0.118	0.004	0.011	0.065	0.235
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	156.	172.37	500.	60.	6939.088	83.301	123.2	144.	166.	231.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-09/18/90	16	10.15	9.113	12.5	1.4	10.517	3.243	4.55	6.35	12.15	12.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	14	560.	10881.071	54000.	0.	280401716.071	16745.2	10.	20.	22000.	44500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	14	2.708	2.79	4.732	0.	2.328	1.526	0.651	1.301	4.342	4.638
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			616.606								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	28	11.	19.786	132.	1.	785.389	28.025	1.77	4.	21.5	66.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-09/18/90	20	17.05	16.725	21.	9.5	11.18	3.344	11.03	14.8	19.725	20.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-09/18/90	20	390.5	406.65	553.	295.	5410.976	73.559	303.	370.25	450.25	545.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-09/18/90	20	7.6	7.385	13.6	0.	9.463	3.076	1.8	5.9	9.05	11.25
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-09/18/90	18	1.7	2.056	8.7	0.	3.853	1.963	0.45	0.875	2.65	4.56
00400	PH (STANDARD UNITS)	12/19/83-09/18/90	19	7.5	7.526	9.3	6.2	0.536	0.732	6.4	7.1	7.9	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-09/18/90	19	7.5	7.049	9.3	6.2	0.777	0.881	6.4	7.1	7.9	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-09/18/90	19	0.032	0.089	0.631	0.001	0.025	0.158	0.002	0.013	0.079	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-09/18/90	21	72.	72.762	138.	10.	504.19	22.454	48.4	69.	80.	89.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-09/18/90	16	6.5	8.938	35.	2.	78.463	8.858	2.	2.	11.	26.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	17	0.057	0.135	0.53	0.01	0.02	0.142	0.018	0.02	0.226	0.342
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	21	0.042	0.045	0.167	0.005	0.002	0.039	0.006	0.014	0.057	0.103
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-09/18/90	21	3.	3.202	5.94	0.32	1.471	1.213	1.848	2.425	4.025	4.668
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-09/18/90	17	0.416	0.688	2.71	0.02	0.496	0.704	0.02	0.25	0.944	1.814
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-09/18/90	13	0.099	0.152	0.578	0.014	0.027	0.166	0.021	0.038	0.22	0.494
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-09/18/90	13	0.052	0.102	0.351	0.005	0.013	0.113	0.005	0.026	0.177	0.323
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-09/18/90	20	0.024	0.109	0.883	0.004	0.052	0.229	0.004	0.01	0.078	0.581
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	20	159.	167.3	236.	130.	807.274	28.413	140.	146.	182.	218.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-09/18/90	14	10.3	9.636	13.	4.1	8.086	2.844	4.65	7.6	12.175	12.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	11	330.	854.545	3300.	10.	1071447.273	1035.107	12.	220.	1700.	2980.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-01/23/90	11	2.519	2.505	3.519	1.	0.622	0.789	1.06	2.342	3.23	3.461
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			319.591								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-09/18/90	21	6.	10.081	54.	1.6	136.242	11.672	2.02	3.5	13.	23.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0408

NPS Station ID: GWMP0408 LAT/LON: 38.927504/ -77.101670 Agency: 21DCBAWQ Date Created: 10/28/86
Location: C&O CANAL FLETCHER'S BOATHOUSE, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TCO06
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.750 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 2.33 Distance from RF3: 0.44 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: C&O CANAL FLETCHER'S BOATHOUSE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	63	18.	17.04	30.5	0.3	71.341	8.446	4.54	10.5	24.4	27.54
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	63	300.	299.873	521.	102.	8901.435	94.347	173.2	254.	346.	443.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	59	8.2	7.924	14.5	0.6	7.78	2.789	4.7	6.1	10.	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	50	1.45	1.75	5.2	0.	1.401	1.184	0.5	1.	2.2	3.87
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	59	7.7	7.708	8.7	6.1	0.359	0.6	6.9	7.3	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	59	7.7	7.276	8.7	6.1	0.55	0.741	6.9	7.3	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	59	0.02	0.053	0.794	0.002	0.013	0.113	0.003	0.006	0.05	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	61	76.	72.656	112.	0.	512.23	22.632	50.	60.	90.	97.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	49	12.	12.816	97.	0.	196.153	14.005	2.	7.	15.	22.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	54	0.038	0.047	0.199	0.	0.002	0.039	0.02	0.02	0.061	0.098
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	63	0.012	0.015	0.226	0.005	0.001	0.028	0.005	0.005	0.018	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	63	1.03	1.083	2.34	0.19	0.204	0.451	0.588	0.76	1.33	1.774
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	52	0.446	0.41	0.985	0.02	0.07	0.264	0.02	0.22	0.596	0.767
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	43	0.076	0.072	0.154	0.013	0.001	0.029	0.036	0.05	0.092	0.103
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	42	0.038	0.038	0.082	0.005	0.	0.021	0.007	0.023	0.051	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	58	0.019	0.022	0.061	0.	0.	0.018	0.004	0.004	0.035	0.049
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	60	125.	127.967	196.	72.	749.863	27.384	94.2	109.	146.	169.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	28.	39.333	63.	27.	420.333	20.502	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	38	2.6	2.399	4.8	0.05	1.041	1.02	1.	1.75	3.2	3.72
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	16 ##	2.5	2.406	2.5	1.	0.141	0.375	2.05	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	16 ##	5.	5.469	15.	2.5	6.849	2.617	4.25	5.	5.	8.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	16 ##	5.	8.281	12.5	5.	14.766	3.843	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/18/83-07/10/90	16	326.	334.625	742.	1.	56548.917	237.8	3.1	149.5	574.75	681.1
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	17 ##	25.	22.206	25.	0.	62.408	7.9	2.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	16	21.5	58.438	300.	0.	6672.129	81.683	4.2	10.5	80.	218.8
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	10 ##	2.5	2.25	2.5	0.	0.625	0.791	0.25	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	4	5600.	9125.	24000.	1300.	105975833.333	10294.456	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/83-02/22/84	4	3.708	3.728	4.38	3.114	0.292	0.54	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5340.401								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	31	130.	183.677	1300.	10.	62436.159	249.872	20.	32.	220.	484.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	31	2.114	1.98	3.114	1.	0.27	0.519	1.301	1.505	2.342	2.685
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			95.471								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	5	2360.	4380.	12600.	500.	23044800.	4800.5	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-08/07/90	5	3.373	3.425	4.1	2.699	0.262	0.512	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2661.136								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	22	3.	5.636	24.	0.	43.242	6.576	0.5	0.875	7.25	18.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	23	4.	13.13	84.	0.5	391.641	19.79	0.7	3.	16.	42.
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	16 ##	0.1	0.131	0.6	0.1	0.016	0.125	0.1	0.1	0.1	0.25
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	63	15.	18.365	78.	2.	193.752	13.919	5.4	11.	22.	36.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	59	5	0.08	23	1	0.04	17	3	0.18	19	1	0.05			
00400	PH	Other-Hi Lim.	9.	59	0	0.00	24	0	0.00	17	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	59	2	0.03	24	0	0.00	17	1	0.06	18	1	0.06			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	63	0	0.00	26	0	0.00	18	0	0.00	19	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	63	0	0.00	26	0	0.00	18	0	0.00	19	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	5.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	1300.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	15.	2 &	0	0.00				1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	16	3	0.19	7	1	0.14	5	1	0.20	4	1	0.25			
		Drinking Water	5000.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	1	1	1.00	3	3	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	8	0.26	15	5	0.33	9	1	0.11	7	2	0.29			
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	2.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	63	3	0.05	25	2	0.08	19	1	0.05	19	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	3	8.9	10.367	16.9	5.3	35.253	5.937	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	3	170.	217.333	380.	102.	21001.333	144.918	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	3	19.	19.333	23.	16.	12.333	3.512	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	10	17.2	16.43	28.3	1.	80.407	8.967	1.62	8.775	24.225	28.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	10	222.	248.2	442.	130.	9092.622	95.355	134.	176.	320.75	430.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	114.	120.8	176.	92.	775.289	27.844	92.6	99.5	136.	174.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	10	18.5	26.9	78.	6.	477.211	21.845	7.	16.75	31.5	75.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	8	22.1	22.013	27.7	14.3	22.793	4.774	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	8	278.5	275.375	445.	108.	13141.125	114.635	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	8	132.	137.5	180.	120.	398.571	19.964	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	8	12.5	14.5	23.	10.	22.571	4.751	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	7	25.4	20.757	26.5	4.4	73.47	8.571	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	7	319.	369.	521.	286.	8732.	93.445	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	7	126.	144.	196.	116.	1010.667	31.791	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	7	19.	25.571	66.	9.	428.286	20.695	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	10	20.1	16.95	29.7	0.3	107.894	10.387	0.72	6.375	26.05	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	10	308.	318.	460.	216.	5323.556	72.963	220.5	264.	356.	455.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	117.	123.	166.	92.	664.889	25.785	92.2	100.	151.	164.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	10	14.	16.1	38.	5.	83.211	9.122	5.5	10.	19.25	36.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	11	16.	17.073	30.5	4.2	84.526	9.194	4.44	9.3	24.4	30.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	11	315.	360.	511.	288.	6215.6	78.839	288.2	290.	419.	501.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	11	144.	144.364	194.	120.	505.455	22.482	120.	122.	152.	189.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	11	12.	12.545	34.	2.	97.473	9.873	2.4	5.	16.	32.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	9	12.3	11.667	22.7	2.7	47.997	6.928	2.7	4.6	17.35	22.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	9	300.	285.778	369.	188.	2768.444	52.616	188.	254.	320.	369.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	108.	110.667	146.	72.	465.	21.564	72.	99.	128.	146.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	9	12.	14.667	48.	5.	165.5	12.865	5.	8.5	14.	48.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	5	19.8	18.88	25.6	10.5	29.907	5.469	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	5	234.	252.	334.	205.	2441.5	49.412	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	5	98.	109.6	142.	82.	756.8	27.51	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	5	22.	20.8	28.	13.	31.7	5.63	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	25	23.	22.96	30.5	11.7	27.826	5.275	15.	18.9	27.5	29.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	25	363.	367.72	521.	200.	5781.293	76.035	278.	310.	430.5	470.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	23	6.3	6.887	9.4	3.9	2.803	1.674	4.74	5.5	8.4	9.32
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	24	7.6	7.679	8.6	6.9	0.164	0.405	7.2	7.4	7.9	8.35
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	24	7.6	7.522	8.6	6.9	0.19	0.436	7.2	7.4	7.9	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	24	0.025	0.03	0.126	0.003	0.001	0.027	0.005	0.013	0.04	0.065
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	25	90.	77.84	112.	0.	930.64	30.506	8.4	71.	95.	104.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	18	12.	12.611	31.	0.	80.487	8.971	0.	4.75	19.	25.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	22	0.043	0.051	0.167	0.	0.001	0.037	0.02	0.021	0.062	0.104
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	26 ##	0.008	0.011	0.035	0.005	0.	0.008	0.005	0.005	0.015	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	26	0.885	0.89	1.5	0.2	0.104	0.322	0.462	0.675	1.115	1.309
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	22	0.504	0.471	0.857	0.02	0.071	0.267	0.021	0.324	0.649	0.834
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	17	0.09	0.087	0.154	0.035	0.001	0.029	0.044	0.071	0.095	0.136
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	16	0.042	0.048	0.082	0.023	0.	0.021	0.024	0.027	0.065	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	24	0.029	0.028	0.061	0.	0.	0.018	0.004	0.008	0.044	0.051
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	24	147.	146.417	196.	98.	569.036	23.854	116.	126.5	164.5	179.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	18	2.	2.1	3.3	0.8	0.621	0.788	0.98	1.5	2.625	3.21
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	15	130.	187.533	490.	20.	28969.838	170.205	20.	50.	310.	490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	15	2.114	2.078	2.69	1.301	0.21	0.458	1.301	1.699	2.491	2.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			119.548								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	25	16.	20.	66.	5.	215.667	14.686	6.2	11.5	23.5	45.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	19	5.4	6.763	14.3	0.3	15.28	3.909	1.	4.4	9.3	12.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	19	289.	260.105	511.	102.	9594.877	97.953	108.	178.	311.	336.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	17	10.	8.906	14.5	0.6	15.831	3.979	1.24	7.9	11.55	12.74
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	17	7.2	7.318	8.4	6.1	0.375	0.613	6.58	6.9	7.7	8.24
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	17	7.2	6.947	8.4	6.1	0.521	0.722	6.58	6.9	7.7	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	17	0.063	0.113	0.794	0.004	0.034	0.186	0.006	0.02	0.126	0.318
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	18	68.	69.222	110.	50.	222.654	14.922	50.	59.	80.	88.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	16	7.	7.25	18.	2.	20.867	4.568	2.	2.5	11.25	13.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	16	0.049	0.053	0.199	0.02	0.002	0.045	0.02	0.02	0.067	0.125
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	18 ##	0.005	0.022	0.226	0.005	0.003	0.051	0.005	0.005	0.017	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	18	1.55	1.504	2.34	0.61	0.215	0.464	0.925	1.095	1.835	2.124
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	14	0.286	0.293	0.705	0.02	0.04	0.2	0.02	0.1	0.425	0.619
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	13	0.055	0.061	0.12	0.013	0.001	0.03	0.019	0.04	0.082	0.114
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	13	0.04	0.041	0.081	0.005	0.	0.021	0.008	0.031	0.054	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	15	0.025	0.028	0.061	0.008	0.	0.017	0.01	0.015	0.036	0.059
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	17	116.	118.118	194.	92.	558.235	23.627	93.6	102.	129.	146.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	10	2.75	2.7	3.9	1.	0.924	0.961	1.04	2.	3.7	3.88
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	9	30.	211.556	1300.	10.	171798.028	414.485	10.	19.5	170.	1300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	9	1.477	1.794	3.114	1.	0.473	0.688	1.	1.29	2.23	3.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			62.298								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	19	13.	18.789	78.	2.	339.953	18.438	5.	8.	23.	48.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	19	19.8	19.526	26.4	10.5	26.669	5.164	11.1	15.	24.4	25.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	19	254.	250.368	320.	130.	2707.69	52.035	170.	216.	288.	316.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	19	8.4	8.3	11.	2.3	5.139	2.267	4.8	7.3	10.2	10.9
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	18	8.25	8.117	8.7	6.5	0.32	0.566	7.22	7.8	8.525	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	18	8.225	7.57	8.7	6.5	0.637	0.798	7.22	7.8	8.525	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	18	0.006	0.027	0.316	0.002	0.005	0.073	0.002	0.003	0.016	0.077
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	18	68.	68.889	92.	46.	204.34	14.295	47.8	58.5	80.	92.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	15	13.	19.	97.	8.	476.	21.817	9.2	11.	17.	50.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	16 ##	0.02	0.035	0.138	0.01	0.001	0.035	0.01	0.02	0.043	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	19	0.015	0.014	0.025	0.005	0.	0.007	0.005	0.005	0.019	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	19	0.94	0.946	1.41	0.19	0.104	0.322	0.56	0.76	1.3	1.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	16	0.469	0.426	0.985	0.02	0.084	0.289	0.02	0.131	0.626	0.817
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	13	0.072	0.066	0.099	0.022	0.	0.022	0.029	0.05	0.083	0.094
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	13	0.022	0.023	0.05	0.005	0.	0.015	0.005	0.011	0.032	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	19 ##	0.004	0.011	0.036	0.004	0.	0.01	0.004	0.004	0.016	0.035
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	19	117.	113.474	150.	72.	467.374	21.619	82.	98.	130.	144.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	10	2.65	2.635	4.8	0.05	1.84	1.356	0.185	1.775	3.625	4.72
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	7	130.	139.571	330.	32.	12047.952	109.763	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-12/05/89	7	2.114	2.009	2.519	1.505	0.151	0.389	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			102.083								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	19	17.	15.789	23.	4.	28.953	5.381	10.	12.	20.	23.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0409

NPS Station ID: GWMP0409 LAT/LON: 38.928337/ -77.043615 Agency: 21DCBAWQ Date Created: 07/09/88
Location: NATIONAL ZOO OFF BRIDGE WASH.,D.C..
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR08
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.40 On/Off RF1:
RF3 Index: 02070010003600.00 RF3 Mile Point: 10.29 Distance from RF3: 0.07 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION:NATIONAL ZOO OFF BRIDGE AT ENTRANCE IN WASH.,D.C..
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0409

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0410

NPS Station ID: GWMP0410
LAT/LON: 38.928337/ -77.049727
Agency: 21DCBAWQ
Date Created: 10/28/86
Location: ROCK CREEK AT CONN. AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR09 /RC9
RMI-Indexes: 0214000 002700
Within Park Boundary: No
RMI-Miles: 9875.00 0007.60
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010036
RF1 Mile Point: 2.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 9.86
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	74	15.75	14.577	27.	0.	67.754	8.231	2.6	6.65	21.95	24.45
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/18/86-02/18/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	74	291.	326.297	1437.	77.	58468.623	241.803	138.5	232.25	343.75	410.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	69	8.8	8.761	14.2	0.9	8.603	2.933	5.6	6.65	10.95	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	65	1.7	2.292	9.5	0.	3.766	1.941	0.5	1.1	2.95	4.92
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	69	7.6	7.548	8.7	6.5	0.276	0.525	6.8	7.1	7.85	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	69	7.6	7.264	8.7	6.5	0.358	0.598	6.8	7.1	7.85	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	69	0.025	0.054	0.316	0.002	0.005	0.068	0.006	0.014	0.079	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	72	52.	54.806	90.	8.	278.384	16.685	30.6	46.	67.5	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	60	4.5	26.033	352.	0.	4133.863	64.295	2.	2.	19.	46.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	63	0.027	0.066	0.791	0.	0.014	0.12	0.014	0.02	0.058	0.121
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	75	0.013	0.019	0.14	0.005	0.001	0.023	0.005	0.005	0.02	0.038
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	75	0.83	0.99	4.11	0.02	0.333	0.577	0.398	0.64	1.32	1.604
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	66	0.447	0.597	8.	0.02	1.005	1.003	0.02	0.247	0.62	1.129
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	52	0.059	0.103	0.437	0.005	0.012	0.109	0.025	0.033	0.126	0.328
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	53	0.032	0.037	0.162	0.005	0.001	0.028	0.012	0.02	0.046	0.065
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	74	0.012	0.017	0.106	0.	0.	0.018	0.004	0.004	0.024	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	70	104.	103.829	154.	48.	567.97	23.832	72.8	89.5	116.5	141.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-09/18/90	44	4.2	4.045	6.9	1.8	1.363	1.167	2.35	3.15	4.8	5.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-07/10/90	17 ##	2.5	2.412	2.5	1.	0.132	0.364	2.2	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-07/10/90	17 ##	5.	5.794	15.	2.5	8.221	2.867	4.5	5.	5.	11.8
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-07/10/90	17 ##	12.5	9.765	19.	5.	19.316	4.395	5.	5.	12.5	13.8
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	17	573.	1399.824	12100.	5.	8205299.154	2864.489	17.	300.	907.	5028.
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-07/10/90	17 ##	25.	25.618	58.	2.5	99.298	9.965	20.5	25.	25.	31.6
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-07/10/90	17	20.	47.235	195.	0.	3306.191	57.499	4.	11.5	61.	184.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/84-02/22/84	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/22/84-02/22/84	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			700.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-01/23/90	35	1300.	9545.714	92000.	0.	517423584.034	22746.947	330.	490.	4900.	34800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-01/23/90	35	3.114	3.209	4.964	0.	0.817	0.904	2.519	2.69	3.69	4.498
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1616.998								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	5	5500.	8540.	22200.	700.	71593000.	8461.265	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	5	3.74	3.703	4.346	2.845	0.32	0.566	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			5052.426								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/84-10/21/86	22	2.	2.614	8.	0.5	4.879	2.209	0.5	1.	3.5	6.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/25/84-10/21/86	23	5.	5.283	16.	0.5	15.064	3.881	1.	2.	6.	12.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-04/09/90	17 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	73	10.	29.048	216.	2.	1993.223	44.646	3.	5.	31.5	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0410

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	69	4	0.06	24	1	0.04	27	2	0.07	18	1	0.06			
00400	PH	Other-Hi Lim.	9.	69	0	0.00	26	0	0.00	27	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	69	2	0.03	26	0	0.00	27	1	0.04	16	1	0.06			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	75	0	0.00	27	0	0.00	27	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	75	0	0.00	27	0	0.00	27	0	0.00	21	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	17	1	0.06	7	1	0.14	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	2 &	1	0.50				2	1	0.50						
01092	ZINC, TOTAL	Fresh Acute	120.	17	2	0.12	7	1	0.14	5	1	0.20	5	0	0.00			
		Drinking Water	5000.	17	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35	33	0.94	13	13	1.00	12	10	0.83	10	10	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	6	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	17	0	0.00	6	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	73	14	0.19	27	5	0.19	29	7	0.24	17	2	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	3	10.2	9.3	14.7	3.	34.83	5.902	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	3	82.	86.333	100.	77.	146.333	12.097	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	3	3.6	4.867	9.8	1.2	19.693	4.438	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	3	7.	6.9	7.1	6.6	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	3	7.	6.843	7.1	6.6	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	3	0.1	0.144	0.251	0.079	0.009	0.094	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	3	32.	32.667	36.	30.	9.333	3.055	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	3	48.	94.333	223.	12.	12740.333	112.873	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	3	0.411	0.403	0.491	0.308	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	3	0.164	0.2	0.346	0.089	0.017	0.132	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	3	0.054	0.055	0.067	0.043	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	3	0.03	0.028	0.032	0.023	0.	0.005	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	3	78.	106.	186.	54.	4944.	70.314	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	10	15.75	15.2	25.4	1.	63.602	7.975	1.55	8.75	21.875	25.31
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	10	265.	322.1	950.	148.	54959.878	234.435	150.2	179.75	350.	892.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	9	7.4	6.489	10.1	0.9	12.049	3.471	0.9	3.	9.5	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	7	7.7	7.857	8.7	7.	0.43	0.655	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	7	7.7	7.518	8.7	7.	0.564	0.751	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	7	0.02	0.03	0.1	0.002	0.001	0.035	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	9	48.	58.222	80.	42.	245.444	15.667	42.	46.	75.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	9 ##	2.	6.333	31.	2.	88.75	9.421	2.	2.	6.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	10 ##	0.016	0.1	0.791	0.01	0.059	0.243	0.01	0.01	0.054	0.718
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	10 ##	0.005	0.018	0.113	0.005	0.001	0.034	0.005	0.005	0.012	0.103
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	10	1.2	1.318	4.11	0.02	1.165	1.079	0.093	0.773	1.525	3.856
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	10	0.386	1.122	8.	0.1	5.856	2.42	0.115	0.287	0.479	7.256
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	10	0.032	0.045	0.131	0.023	0.001	0.032	0.023	0.027	0.051	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	10	0.019	0.022	0.045	0.012	0.	0.011	0.012	0.012	0.03	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	10	0.007	0.011	0.03	0.007	0.	0.007	0.007	0.007	0.012	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	97.	108.8	154.	84.	673.956	25.961	84.2	87.5	134.5	152.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	9	7.	15.833	72.	2.	518.	22.76	2.	3.25	21.	72.

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Annual Analysis for 1985 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	9	20.5	17.544	24.1	2.5	46.053	6.786	2.5	14.2	22.7	24.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	9	258.	232.889	422.	113.	11140.111	105.547	113.	127.5	302.5	422.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	8	8.8	8.75	10.9	6.5	1.991	1.411	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	2.	2.644	6.7	0.	4.175	2.043	0.	1.4	4.2	6.7
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	8	7.65	7.613	8.1	7.1	0.11	0.331	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	8	7.647	7.504	8.1	7.1	0.123	0.351	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	8	0.023	0.031	0.079	0.008	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	9	58.	55.111	80.	30.	313.111	17.695	30.	38.	72.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	9	2.	53.556	230.	0.	9060.028	95.184	0.	2.	120.	230.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9 ##	0.02	0.029	0.062	0.02	0.	0.015	0.02	0.02	0.04	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9	0.013	0.016	0.037	0.005	0.	0.012	0.005	0.008	0.027	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9	0.63	0.631	1.33	0.31	0.099	0.314	0.31	0.365	0.755	1.33

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Annual Analysis for 1985 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	9	0.61	0.635	1.22	0.158	0.083	0.288	0.158	0.469	0.765	1.22
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	9	0.133	0.178	0.409	0.036	0.02	0.142	0.036	0.055	0.331	0.409
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	9	0.045	0.045	0.071	0.023	0.	0.017	0.023	0.03	0.061	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	9	0.02	0.023	0.042	0.004	0.	0.013	0.004	0.011	0.036	0.042
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	108.	106.444	140.	72.	451.778	21.255	72.	90.	122.	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	9	7.	55.333	216.	4.	6465.5	80.408	4.	5.5	114.	216.

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Annual Analysis for 1986 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	11	19.	15.018	24.4	0.	79.8	8.933	0.6	4.4	22.3	24.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	11	331.	416.182	1418.	222.	113502.364	336.901	223.6	289.	371.	1214.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	10	7.2	8.43	12.9	5.2	9.551	3.091	5.25	5.775	12.225	12.87
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	1.7	2.427	9.5	0.	6.682	2.585	0.1	1.	3.1	8.34
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	11	7.3	7.218	7.8	6.5	0.156	0.395	6.56	7.	7.6	7.76
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	11	7.3	7.053	7.8	6.5	0.185	0.431	6.56	7.	7.6	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	11	0.05	0.088	0.316	0.016	0.008	0.088	0.018	0.025	0.1	0.285
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	11	62.	59.818	90.	8.	473.964	21.771	16.	50.	76.	88.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	11	8.	9.273	22.	0.	79.218	8.9	0.	2.	20.	21.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	11	0.05	0.089	0.501	0.	0.02	0.141	0.004	0.02	0.092	0.426
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	11	0.023	0.029	0.085	0.005	0.001	0.023	0.007	0.016	0.037	0.079
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	11	0.51	0.801	2.14	0.16	0.389	0.624	0.204	0.41	1.25	2.052
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	11	0.559	0.635	1.73	0.334	0.15	0.387	0.348	0.416	0.674	1.539
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	10	0.078	0.111	0.325	0.031	0.009	0.092	0.033	0.053	0.139	0.315
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	11	0.032	0.034	0.056	0.016	0.	0.013	0.017	0.025	0.043	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	11	0.011	0.012	0.028	0.	0.	0.009	0.001	0.004	0.021	0.027
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	114.	112.8	152.	82.	465.956	21.586	82.8	91.5	125.5	150.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	11	12.	23.909	144.	3.	1665.491	40.81	3.	5.	20.	121.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	10	13.3	13.44	25.7	0.2	92.587	9.622	0.54	4.35	22.675	25.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	10	300.5	401.5	1437.	210.	134790.5	367.138	212.3	235.25	334.	1330.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	10	10.15	9.85	14.2	5.7	8.341	2.888	5.8	7.	12.05	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	2.	2.817	8.5	0.5	5.492	2.344	0.71	1.325	3.7	7.78
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	9	7.2	7.344	8.7	6.5	0.465	0.682	6.5	6.8	7.75	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	9	7.2	7.019	8.7	6.5	0.584	0.764	6.5	6.8	7.75	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	9	0.063	0.096	0.316	0.002	0.01	0.102	0.002	0.019	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	10	52.	55.	80.	36.	147.778	12.156	37.2	48.	62.	78.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	5 ##	2.	14.8	35.	2.	307.7	17.541	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9	0.048	0.087	0.302	0.02	0.01	0.098	0.02	0.02	0.144	0.302
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.014	0.018	0.05	0.005	0.	0.015	0.005	0.005	0.024	0.048
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.915	1.094	2.03	0.7	0.163	0.404	0.706	0.77	1.4	1.871
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	6 ##	0.127	0.384	1.48	0.02	0.328	0.573	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	3	0.065	0.059	0.079	0.033	0.001	0.024	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	3	0.031	0.034	0.044	0.026	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	12	0.013	0.016	0.062	0.004	0.	0.017	0.004	0.004	0.02	0.052
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	99.	103.	142.	62.	490.	22.136	64.6	91.	117.5	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	10	14.5	21.5	66.	4.	387.389	19.682	4.1	8.	36.75	63.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	10	11.15	13.59	26.5	1.4	98.332	9.916	1.53	3.6	23.475	26.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	10	315.5	409.7	1184.	255.	77145.567	277.751	256.2	284.25	412.	1108.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	10	8.8	9.05	13.3	5.6	7.049	2.655	5.64	6.375	11.175	13.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	1.7	2.618	6.2	0.5	4.384	2.094	0.6	1.	4.8	5.98
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	10	7.7	7.63	8.4	6.9	0.267	0.517	6.91	7.075	8.1	8.37
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	10	7.689	7.378	8.4	6.9	0.337	0.581	6.91	7.075	8.1	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	10	0.02	0.042	0.126	0.004	0.002	0.044	0.004	0.008	0.085	0.123
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	10	61.	63.4	86.	30.	301.378	17.36	32.	50.	78.5	85.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	3 ##	2.	9.	23.	2.	147.	12.124	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.012	0.023	0.14	0.005	0.001	0.038	0.005	0.005	0.022	0.108
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.885	0.942	1.65	0.15	0.21	0.458	0.261	0.615	1.353	1.635
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	11 ##	0.02	0.078	0.397	0.02	0.015	0.124	0.02	0.02	0.058	0.366
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	2 ##	0.025	0.025	0.037	0.013	0.	0.017	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	2 ##	0.017	0.017	0.021	0.013	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	10 ##	0.004	0.007	0.015	0.004	0.	0.005	0.004	0.004	0.011	0.015
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	111.	117.4	152.	100.	328.044	18.112	100.4	104.	127.	151.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	10	6.	12.7	72.	2.	447.122	21.145	2.	2.75	11.25	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	12	13.35	13.875	27.	1.5	74.411	8.626	1.62	5.175	21.625	25.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	12	283.	280.083	375.	125.	6443.356	80.271	136.7	245.75	347.	373.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	10	9.1	9.31	12.7	5.8	4.328	2.08	5.95	7.9	11.075	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	1.3	1.3	2.9	0.5	0.596	0.772	0.5	0.5	1.875	2.69
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	12	7.65	7.642	8.5	6.7	0.21	0.458	6.85	7.425	7.8	8.41
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	12	7.647	7.409	8.5	6.7	0.269	0.519	6.85	7.425	7.8	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	12	0.023	0.039	0.2	0.003	0.003	0.053	0.004	0.016	0.038	0.159
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	11	48.	48.545	64.	30.	145.673	12.069	30.	38.	60.	64.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	11	5.	38.727	352.	2.	10875.818	104.287	2.	2.	11.	288.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.043	0.059	0.223	0.02	0.003	0.057	0.02	0.024	0.053	0.191
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.016	0.017	0.039	0.005	0.	0.011	0.005	0.006	0.02	0.038
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	12	0.79	0.959	1.59	0.64	0.128	0.358	0.64	0.68	1.323	1.578
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	7	0.731	0.846	1.77	0.26	0.312	0.559	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	6	0.056	0.135	0.437	0.005	0.029	0.171	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	6	0.042	0.064	0.162	0.005	0.004	0.065	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	10	0.026	0.034	0.106	0.004	0.001	0.037	0.004	0.006	0.045	0.105
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	95.	88.333	116.	50.	442.788	21.043	51.2	73.5	101.5	114.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	12	10.	31.5	126.	3.	1633.364	40.415	3.	6.5	67.5	111.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	9	15.8	15.433	25.7	5.3	49.595	7.042	5.3	8.25	20.95	25.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	9	252.	279.889	413.	136.	7422.861	86.156	136.	229.5	353.5	413.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	9	9.5	10.567	13.2	8.3	4.222	2.055	8.3	8.6	12.6	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	1.3	1.933	4.6	1.1	1.355	1.164	1.1	1.2	2.45	4.6
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	9	7.8	7.856	8.6	7.6	0.093	0.305	7.6	7.65	7.9	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	9	7.8	7.789	8.6	7.6	0.098	0.313	7.6	7.65	7.9	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	9	0.016	0.016	0.025	0.003	0.	0.007	0.003	0.013	0.023	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	9	48.	50.222	76.	28.	228.444	15.114	28.	41.	63.	76.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	9	9.	12.333	50.	2.	224.25	14.975	2.	3.	15.	50.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9 ##	0.02	0.039	0.065	0.02	0.	0.022	0.02	0.02	0.061	0.065
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9	0.013	0.011	0.019	0.005	0.	0.006	0.005	0.005	0.018	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	9	1.16	1.181	1.61	0.64	0.101	0.318	0.64	0.97	1.465	1.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	9	0.533	0.574	0.929	0.406	0.028	0.167	0.406	0.455	0.676	0.929
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	9	0.042	0.062	0.174	0.026	0.002	0.047	0.026	0.032	0.079	0.174
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	9	0.031	0.031	0.063	0.005	0.	0.021	0.005	0.012	0.05	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	9	0.012	0.015	0.039	0.004	0.	0.013	0.004	0.004	0.025	0.039
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	100.	92.222	144.	48.	753.444	27.449	48.	72.	104.	144.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	9	13.	19.889	90.	5.	713.611	26.714	5.	7.	17.5	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	27	22.1	21.07	27.	10.5	22.161	4.708	13.82	16.	24.5	26.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	27	255.	274.	427.	77.	9807.385	99.032	131.4	210.	370.	403.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	24	7.35	7.271	10.1	1.4	3.473	1.864	5.65	6.125	8.7	9.65
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	26	7.6	7.504	8.6	6.6	0.241	0.491	6.77	7.075	7.825	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	26	7.6	7.256	8.6	6.6	0.305	0.552	6.77	7.075	7.825	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	26	0.025	0.056	0.251	0.003	0.004	0.063	0.006	0.015	0.085	0.171
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	27	64.	62.815	90.	28.	313.003	17.692	34.8	48.	80.	82.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	20	4.	30.9	223.	0.	4215.253	64.925	0.2	2.	21.75	194.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	23	0.041	0.056	0.223	0.	0.003	0.056	0.01	0.02	0.062	0.165
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	27	0.013	0.02	0.14	0.005	0.001	0.027	0.005	0.005	0.019	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	27	0.69	0.643	1.09	0.02	0.051	0.226	0.366	0.48	0.79	0.904
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	24	0.567	0.555	1.28	0.02	0.124	0.352	0.02	0.378	0.732	1.155
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	17	0.09	0.122	0.346	0.024	0.01	0.101	0.027	0.054	0.174	0.335
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	18	0.04	0.046	0.126	0.012	0.001	0.026	0.017	0.032	0.056	0.077
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	27	0.02	0.019	0.062	0.	0.	0.014	0.004	0.009	0.027	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	26	109.	113.308	154.	48.	777.902	27.891	83.4	91.5	142.	152.
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-09/18/90	16	3.6	3.569	4.9	1.8	0.958	0.979	2.08	2.9	4.5	4.83
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	27	8.	29.889	186.	2.	2342.795	48.402	2.	4.	33.	105.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	29	4.6	6.314	20.1	0.	25.303	5.03	1.	2.6	9.85	14.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	29	308.	407.897	1437.	82.	128744.167	358.809	114.	251.5	360.5	1184.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	27	11.3	10.289	14.2	1.2	10.2	3.194	4.4	8.9	12.6	13.22
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	27	7.5	7.426	8.6	6.5	0.222	0.471	6.8	7.	7.7	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	27	7.5	7.205	8.6	6.5	0.273	0.522	6.8	7.	7.7	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	27	0.032	0.062	0.316	0.003	0.005	0.068	0.008	0.02	0.1	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	28	48.	49.643	80.	30.	154.386	12.425	31.8	42.	57.	68.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	24	5.	21.125	230.	0.	2172.114	46.606	2.	2.	29.	41.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	22 ##	0.02	0.098	0.791	0.01	0.037	0.193	0.02	0.02	0.054	0.441
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	27	0.013	0.021	0.113	0.005	0.001	0.025	0.005	0.005	0.02	0.051
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	27	1.43	1.385	4.11	0.15	0.559	0.748	0.312	1.1	1.61	2.052
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	25	0.336	0.651	8.	0.02	2.431	1.559	0.02	0.129	0.455	0.977
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	21	0.041	0.078	0.409	0.005	0.009	0.093	0.015	0.031	0.084	0.211
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	21	0.027	0.03	0.067	0.005	0.	0.017	0.006	0.018	0.044	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	26	0.009	0.019	0.106	0.004	0.001	0.026	0.004	0.004	0.025	0.057
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	104.	102.	132.	62.	264.923	16.276	71.6	98.	114.	120.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-09/18/90	14	4.35	4.414	6.9	1.9	1.615	1.271	2.15	4.025	5.2	6.3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	29	12.	33.621	216.	3.	2277.458	47.723	3.	8.	46.5	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-09/18/90	18	19.45	18.15	22.5	9.8	18.412	4.291	9.89	15.575	21.825	22.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-09/18/90	18	280.5	273.278	422.	125.	5343.624	73.1	160.1	234.75	322.	366.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-09/18/90	18	8.6	8.456	12.7	0.9	7.172	2.678	4.77	7.625	9.675	12.25
00400	PH (STANDARD UNITS)	10/24/83-09/18/90	16	7.85	7.825	8.7	6.5	0.353	0.594	6.85	7.5	8.325	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-09/18/90	16	7.847	7.403	8.7	6.5	0.543	0.737	6.85	7.5	8.325	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-09/18/90	16	0.014	0.04	0.316	0.002	0.006	0.078	0.002	0.005	0.032	0.165
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-09/18/90	17	50.	50.588	76.	8.	292.382	17.099	25.6	41.	63.	71.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-09/18/90	16	4.	27.313	352.	2.	7518.096	86.707	2.	2.	8.75	116.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	18 ##	0.02	0.039	0.115	0.01	0.001	0.029	0.01	0.02	0.056	0.094
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	21	0.014	0.017	0.054	0.005	0.	0.013	0.005	0.005	0.024	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-09/18/90	21	0.91	0.928	1.32	0.51	0.06	0.246	0.614	0.685	1.15	1.254
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-09/18/90	17	0.506	0.575	1.77	0.02	0.251	0.501	0.02	0.275	0.692	1.738
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-09/18/90	14	0.056	0.118	0.437	0.014	0.019	0.137	0.023	0.033	0.165	0.383
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-09/18/90	14	0.028	0.036	0.162	0.005	0.002	0.039	0.005	0.015	0.047	0.108
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-09/18/90	21	0.007	0.011	0.028	0.004	0.	0.009	0.004	0.004	0.015	0.027
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	17	90.	92.235	130.	50.	508.941	22.56	53.2	81.	111.	123.6
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-09/18/90	14	4.25	4.221	6.5	2.4	1.328	1.152	2.65	3.25	5.075	6.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-09/18/90	17	7.	19.912	126.	2.5	1049.132	32.39	3.7	5.	16.	87.6

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Station Inventory for Station: GWMP0411

NPS Station ID: GWMP0411 | LAT/LON: 38.928615/ -77.122226 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: DALECARLIA, WASH, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): TDA01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 3.430 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010004000.00 | RF3 Mile Point: 2.21 | Distance from RF3: 0.49 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: DALECARLIA, WASH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	78	15.	14.824	25.2	2.	43.33	6.583	5.59	8.75	21.1	22.91
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	30.	43.333	100.	0.	2633.333	51.316	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-04/08/86	5	1.	16.6	80.	0.5	1256.175	35.443	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	78	459.	513.474	5340.	68.	336429.681	580.026	237.5	378.75	525.75	643.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	74	8.5	8.616	13.2	0.	6.745	2.597	6.05	7.15	10.7	11.75
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	65	1.1	1.582	9.8	0.	2.518	1.587	0.5	0.5	2.	3.67
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	74	7.4	7.373	8.8	5.9	0.183	0.428	6.85	7.2	7.6	7.85
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	74	7.4	7.118	8.8	5.9	0.249	0.499	6.85	7.2	7.6	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	74	0.04	0.076	1.259	0.002	0.023	0.153	0.014	0.025	0.063	0.142
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	77	76.	73.026	104.	0.	372.157	19.291	50.	67.	84.	94.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	60 ##	2.	9.367	84.	0.	276.338	16.623	2.	2.	7.5	28.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	64 ##	0.02	0.181	7.94	0.	0.986	0.993	0.016	0.02	0.05	0.101
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	78 ##	0.005	0.019	0.224	0.005	0.001	0.038	0.005	0.005	0.015	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	77	1.98	2.	6.69	0.26	0.775	0.88	1.088	1.45	2.435	2.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	65	0.367	0.711	16.1	0.02	4.016	2.004	0.02	0.144	0.592	1.206
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	54	0.054	0.129	2.17	0.005	0.09	0.299	0.028	0.039	0.102	0.284
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	55	0.042	0.078	1.47	0.005	0.038	0.196	0.017	0.03	0.059	0.114
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	74	0.032	0.07	1.12	0.	0.029	0.171	0.011	0.019	0.046	0.112
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	8.	8.667	13.	5.	16.333	4.041	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	1.	2.167	5.	0.5	6.083	2.466	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	75	166.	160.933	210.	36.	1003.387	31.676	135.6	152.	178.	186.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	40.	44.667	64.	30.	305.333	17.474	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	48	5.95	5.74	12.3	0.8	3.858	1.964	2.95	4.9	7.05	7.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-07/10/90	18 ##	2.5	2.417	2.5	1.	0.125	0.354	2.35	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-07/10/90	18 ##	5.	5.417	15.	2.5	6.066	2.463	4.75	5.	5.	6.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-07/10/90	18 ##	8.75	13.583	96.	5.	439.39	20.962	5.	5.	12.5	24.
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-07/10/90	17	220.	407.353	3188.	3.	562209.493	749.806	3.	70.	363.5	1396.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-07/10/90	18 ##	25.	23.75	25.	2.5	28.125	5.303	22.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-07/10/90	18	24.5	46.167	156.	0.	2507.676	50.077	4.5	12.25	65.75	147.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/10/90	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/83-02/22/84	3	8000.	20710.	54000.	130.	846652300.	29097.29	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/28/83-02/22/84	3	3.903	3.583	4.732	2.114	1.791	1.338	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3829.503								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	39	430.	6340.385	160000.	9.	665175128.769	25790.989	20.	78.	2300.	7900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	39	2.633	2.639	5.204	0.954	0.953	0.976	1.301	1.892	3.362	3.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			435.473								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	2750.	3700.	8100.	0.	11244000.	3353.207	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/18/90	6	3.398	2.947	3.908	0.	2.192	1.48	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			884.754								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/18/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/18/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-04/09/90	18 ##	0.1	0.133	0.5	0.1	0.011	0.103	0.1	0.1	0.1	0.32
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	78	4.	16.055	240.	0.	1395.26	37.353	1.29	2.	7.	55.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0411

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	74	4	0.05	26	0	0.00	27	2	0.07	21	2	0.10			
00400	PH	Other-Hi Lim.	9.	74	0	0.00	27	0	0.00	27	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	74	2	0.03	27	0	0.00	27	1	0.04	20	1	0.05			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	78	0	0.00	28	0	0.00	29	0	0.00	21	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	77	0	0.00	28	0	0.00	29	0	0.00	20	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	8	1	0.13	5	0	0.00	5	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	15.	1 &	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	3	0.17	8	2	0.25	5	1	0.20	5	0	0.00			
		Drinking Water	5000.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67				3	2	0.67						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	38 &	24	0.63	13	11	0.85	14	5	0.36	11	8	0.73			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	2.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	78	9	0.12	28	3	0.11	29	4	0.14	21	2	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	3	11.	11.3	15.9	7.	19.87	4.458	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	3	280.	278.333	340.	215.	3908.333	62.517	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	3	9.5	6.767	9.6	1.2	23.243	4.821	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	3	6.9	7.	7.2	6.9	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	3	6.9	6.979	7.2	6.9	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	3	0.126	0.105	0.126	0.063	0.001	0.036	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	3	72.	74.667	90.	62.	201.333	14.189	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3	0.016	0.026	0.048	0.015	0.	0.019	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3	1.71	1.4	1.91	0.58	0.514	0.717	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	3	0.322	0.299	0.475	0.1	0.036	0.189	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	3	0.042	0.04	0.054	0.025	0.	0.015	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	3	0.038	0.033	0.039	0.021	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	3	0.027	0.026	0.032	0.018	0.	0.007	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	3	1.6	2.367	4.3	1.2	2.843	1.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	10	15.35	14.93	22.9	2.	48.62	6.973	2.5	9.1	20.85	22.89
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	10	399.5	406.7	690.	240.	19330.456	139.034	243.2	295.25	485.5	670.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	9	7.2	6.578	9.4	1.5	6.789	2.606	1.5	4.85	8.75	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	7	7.7	7.614	8.2	6.9	0.165	0.406	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	7	7.7	7.438	8.2	6.9	0.201	0.448	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	7	0.02	0.036	0.126	0.006	0.002	0.041	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	10	79.	73.4	100.	28.	416.933	20.419	30.2	66.5	82.5	99.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	9 ##	2.	2.778	9.	2.	5.444	2.333	2.	2.	2.	9.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	10	0.034	0.069	0.332	0.01	0.01	0.1	0.01	0.01	0.089	0.311
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	10 ##	0.005	0.032	0.224	0.005	0.005	0.069	0.005	0.005	0.022	0.207
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	2.45	2.892	6.69	0.92	2.807	1.676	0.92	2.	3.58	6.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	10	0.317	0.474	1.29	0.1	0.177	0.421	0.1	0.193	0.749	1.276
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	10	0.054	0.066	0.145	0.033	0.001	0.037	0.033	0.038	0.095	0.141
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	10	0.041	0.052	0.108	0.022	0.001	0.03	0.023	0.03	0.072	0.107
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.032	0.041	0.094	0.014	0.001	0.024	0.015	0.025	0.055	0.091
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	10	174.	168.6	188.	138.	284.489	16.867	139.4	152.	181.5	187.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	10	2.4	3.52	12.	1.	10.715	3.273	1.02	1.275	4.25	11.3

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Annual Analysis for 1985 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	9	18.	18.056	25.	6.	34.098	5.839	6.	14.9	22.5	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	9	300.	291.667	403.	165.	8537.75	92.4	165.	187.	384.	403.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	8	7.6	7.825	11.	6.1	2.365	1.538	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	1.5	1.6	5.	0.	2.17	1.473	0.	0.5	2.05	5.
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.4	7.522	8.	7.2	0.079	0.282	7.2	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.4	7.453	8.	7.2	0.085	0.291	7.2	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	9	0.04	0.035	0.063	0.01	0.	0.018	0.01	0.016	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	9	80.	76.	92.	50.	222.	14.9	50.	62.	90.	92.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	9	5.	5.889	22.	0.	43.861	6.623	0.	2.	7.5	22.

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Annual Analysis for 1985 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.02	0.042	0.151	0.02	0.002	0.043	0.02	0.02	0.052	0.151
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.006	0.011	0.027	0.005	0.	0.008	0.005	0.005	0.016	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	1.55	1.534	2.38	0.57	0.265	0.515	0.57	1.205	1.835	2.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	9	0.483	0.514	0.777	0.339	0.021	0.143	0.339	0.39	0.622	0.777
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	9	0.065	0.087	0.174	0.036	0.002	0.046	0.036	0.053	0.124	0.174
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	9	0.044	0.054	0.113	0.028	0.001	0.025	0.028	0.041	0.064	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	9	0.037	0.043	0.094	0.013	0.001	0.024	0.013	0.03	0.055	0.094
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	162.	157.333	172.	90.	659.	25.671	90.	161.	171.	172.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	9	4.	8.667	31.	2.	88.5	9.407	2.	2.5	13.	31.

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Annual Analysis for 1986 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	11	16.	14.709	24.	2.3	58.407	7.642	2.62	6.8	21.	23.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	11	474.	481.182	700.	337.	10361.964	101.794	347.4	395.	541.	671.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	10	9.3	9.27	13.2	6.	5.96	2.441	6.1	7.	11.65	13.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	1.3	2.064	9.8	0.	7.439	2.727	0.1	0.5	2.1	8.48
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.1	7.	7.5	5.9	0.246	0.496	6.	6.8	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.1	6.672	7.5	5.9	0.365	0.604	6.	6.8	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	11	0.079	0.213	1.259	0.032	0.131	0.362	0.032	0.04	0.158	1.087
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	11	76.	66.	98.	0.	688.	26.23	9.2	54.	80.	94.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	11	2.	5.727	29.	0.	73.018	8.545	0.	2.	6.	25.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11 ##	0.02	0.047	0.25	0.	0.005	0.069	0.004	0.02	0.048	0.21
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11	0.013	0.019	0.081	0.005	0.	0.022	0.005	0.005	0.02	0.07
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	11	1.31	1.603	2.76	0.26	0.692	0.832	0.374	1.13	2.52	2.716
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	11	0.373	0.624	2.03	0.04	0.406	0.637	0.052	0.266	0.75	1.954
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	11	0.053	0.112	0.327	0.023	0.013	0.114	0.024	0.029	0.254	0.317
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	11	0.037	0.052	0.138	0.017	0.002	0.039	0.018	0.025	0.053	0.134
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	11	0.019	0.031	0.105	0.	0.001	0.033	0.001	0.004	0.046	0.099
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	11	168.	158.	210.	54.	1888.	43.451	64.4	156.	184.	207.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	11	5.	26.364	168.	1.	2784.055	52.764	1.2	3.	9.	151.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	12.45	14.075	25.2	5.5	50.357	7.096	5.53	7.925	21.5	24.33
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	453.5	477.333	1010.	68.	44579.697	211.139	159.2	417.5	522.5	887.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	12	9.55	9.867	12.6	7.	4.641	2.154	7.21	7.925	12.025	12.57
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12	1.4	1.771	4.45	0.5	1.37	1.171	0.5	1.	2.35	4.075
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.2	7.225	8.8	6.6	0.386	0.621	6.6	6.8	7.2	8.56
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.2	6.991	8.8	6.6	0.446	0.667	6.6	6.8	7.2	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	12	0.063	0.102	0.251	0.002	0.007	0.084	0.004	0.063	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	12	76.	72.083	104.	10.	724.447	26.916	16.6	68.5	90.	102.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	5 ##	2.	18.4	84.	2.	1344.8	36.672	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.02	0.032	0.067	0.02	0.	0.018	0.02	0.02	0.05	0.067
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.005	0.021	0.173	0.005	0.002	0.048	0.005	0.005	0.014	0.128
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	2.215	2.09	3.24	0.38	0.502	0.709	0.725	1.755	2.408	3.108
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6 ##	0.155	0.199	0.51	0.02	0.038	0.194	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	3	0.037	0.061	0.117	0.029	0.002	0.049	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	3	0.024	0.032	0.054	0.017	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	12	0.028	0.124	1.12	0.01	0.1	0.315	0.01	0.012	0.045	0.823

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	172.	152.667	186.	36.	2003.879	44.765	55.2	136.	183.	185.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	12	5.5	20.417	78.	1.	931.72	30.524	1.3	2.25	42.	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	14.15	14.3	24.7	3.5	54.095	7.355	3.86	8.45	21.4	24.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	507.	871.417	5340.	123.	1993120.447	1411.779	219.6	459.5	538.25	3903.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	12	8.95	8.433	12.4	0.	12.77	3.573	1.56	6.375	11.375	12.19
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	11	1.	1.109	2.2	0.5	0.441	0.664	0.5	0.5	1.8	2.14
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.55	7.5	8.	7.	0.076	0.276	7.06	7.3	7.675	7.94
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	12	7.547	7.42	8.	7.	0.083	0.289	7.06	7.3	7.675	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	12	0.028	0.038	0.1	0.01	0.001	0.025	0.012	0.021	0.05	0.089
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	12	83.	83.167	100.	68.	126.879	11.264	68.6	72.5	93.	99.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	3	21.	26.667	57.	2.	780.333	27.934	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	3 ##	0.02	0.028	0.045	0.02	0.	0.014	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.005	0.011	0.021	0.005	0.	0.007	0.005	0.005	0.019	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	1.885	1.967	3.09	1.16	0.395	0.628	1.217	1.425	2.348	3.075
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	11 ##	0.02	0.146	1.05	0.02	0.095	0.307	0.02	0.02	0.188	0.879
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	1	0.545	0.545	0.545	0.545	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	2 ##	0.009	0.009	0.013	0.005	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.023	0.049	0.274	0.011	0.006	0.08	0.011	0.019	0.035	0.251
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	173.	178.667	210.	154.	382.061	19.546	155.8	161.	197.5	209.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	12	2.5	23.25	240.	0.	4666.386	68.311	0.3	2.	6.75	170.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	12	13.9	14.542	22.8	5.3	42.063	6.486	5.6	7.625	21.	22.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	12	465.	482.75	729.	162.	22211.295	149.035	230.4	401.5	617.5	704.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	11	9.2	9.427	11.4	8.	1.502	1.226	8.04	8.5	10.7	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	12 ##	0.5	1.025	4.	0.5	1.069	1.034	0.5	0.5	1.275	3.34
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.5	7.491	7.9	7.	0.057	0.239	7.06	7.3	7.6	7.86
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	11	7.5	7.427	7.9	7.	0.061	0.248	7.06	7.3	7.6	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	11	0.032	0.037	0.1	0.013	0.001	0.024	0.014	0.025	0.05	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	11	72.	68.	82.	30.	202.4	14.227	36.	66.	78.	81.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	11	4.	12.818	58.	2.	308.164	17.555	2.	2.	14.	53.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	10 ##	0.03	0.036	0.064	0.02	0.	0.018	0.02	0.02	0.053	0.064
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12 ##	0.005	0.026	0.139	0.005	0.002	0.047	0.005	0.005	0.011	0.13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	12	2.175	2.104	2.8	0.86	0.288	0.537	1.082	1.86	2.545	2.761
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	6	0.427	0.59	1.62	0.218	0.267	0.516	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	8	0.044	0.073	0.295	0.005	0.009	0.093	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	8	0.036	0.061	0.256	0.005	0.007	0.082	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	10	0.031	0.055	0.159	0.015	0.003	0.052	0.015	0.019	0.11	0.155
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	12	154.	149.333	178.	50.	1074.424	32.778	78.8	148.5	166.	175.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	12	4.5	16.167	96.	2.	840.515	28.992	2.	3.	9.25	83.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	9	15.	14.867	24.	7.3	31.015	5.569	7.3	9.85	18.9	24.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	9	522.	583.667	1263.	404.	68673.75	262.057	404.	436.5	568.5	1263.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	9	8.6	8.833	11.2	5.6	3.888	1.972	5.6	7.4	10.85	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-09/18/90	9	1.1	1.772	5.6	0.5	2.851	1.688	0.5	0.75	2.575	5.6
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.6	7.5	7.7	7.2	0.035	0.187	7.2	7.3	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	9	7.6	7.461	7.7	7.2	0.037	0.192	7.2	7.3	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	9	0.025	0.035	0.063	0.02	0.	0.017	0.02	0.025	0.051	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	9	70.	71.556	98.	50.	238.778	15.452	50.	59.	85.	98.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	9	4.	11.333	61.	2.	359.75	18.967	2.	2.	10.5	61.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	0.049	1.019	7.94	0.02	6.825	2.612	0.02	0.033	0.501	7.94
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9 ##	0.005	0.018	0.099	0.005	0.001	0.031	0.005	0.005	0.019	0.099
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	9	2.04	2.044	2.58	1.45	0.141	0.376	1.45	1.7	2.375	2.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	9	0.642	2.53	16.1	0.38	26.528	5.151	0.38	0.405	1.852	16.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	9	0.061	0.32	2.17	0.03	0.488	0.698	0.03	0.05	0.193	2.17
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	9	0.059	0.225	1.47	0.03	0.22	0.469	0.03	0.038	0.134	1.47
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	9	0.039	0.158	0.989	0.011	0.099	0.315	0.011	0.031	0.115	0.989
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	9	158.	162.444	186.	140.	305.778	17.487	140.	147.	179.	186.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	9	7.	13.778	66.	2.	408.694	20.216	2.	4.	14.5	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	28	22.05	20.307	25.2	10.1	17.157	4.142	14.7	16.125	22.975	24.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	28	458.5	431.179	1263.	68.	42957.634	207.262	175.5	320.75	507.25	542.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	26	7.75	7.65	12.1	5.2	1.996	1.413	5.95	6.675	8.425	9.29
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.5	7.426	8.	6.8	0.101	0.318	6.98	7.2	7.6	7.82
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.5	7.312	8.	6.8	0.115	0.339	6.98	7.2	7.6	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	27	0.032	0.049	0.158	0.01	0.001	0.038	0.015	0.025	0.063	0.105
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	28	82.	77.643	104.	0.	574.238	23.963	31.8	72.	90.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	20	3.	9.25	58.	0.	212.092	14.563	0.2	2.	8.25	32.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	23 ##	0.02	0.035	0.151	0.	0.001	0.031	0.01	0.02	0.048	0.068
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	28 ##	0.005	0.019	0.224	0.005	0.002	0.045	0.005	0.005	0.013	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	28	1.575	1.526	2.47	0.38	0.263	0.512	0.804	1.183	1.843	2.215
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	23	0.366	0.494	1.65	0.02	0.208	0.456	0.02	0.26	0.63	1.432
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	20	0.054	0.092	0.295	0.042	0.006	0.075	0.045	0.052	0.098	0.266
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	20	0.047	0.062	0.256	0.022	0.003	0.052	0.023	0.039	0.067	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	27	0.035	0.052	0.274	0.	0.003	0.053	0.017	0.032	0.047	0.113
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	178.	162.444	210.	36.	1867.179	43.211	82.	156.	186.	196.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	17	5.5	5.024	7.5	0.8	3.158	1.777	2.	4.15	6.35	6.94
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	13	1300.	15793.846	160000.	80.	1912437275.641	43731.422	96.	410.	6400.	104800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	13	3.114	3.273	5.204	1.903	0.816	0.903	1.974	2.604	3.794	4.859
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1874.47								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	28	4.	11.329	96.	1.	472.404	21.735	1.54	2.	5.75	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	29	7.3	7.997	14.8	2.	12.372	3.517	3.5	5.55	10.45	13.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	29	474.	657.31	5340.	215.	838497.222	915.695	272.	403.5	584.5	729.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	27	10.7	10.148	13.2	1.2	6.522	2.554	7.34	9.5	11.4	12.42
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.3	7.215	7.7	5.9	0.159	0.399	6.76	6.9	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	27	7.3	6.944	7.7	5.9	0.235	0.485	6.76	6.9	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	27	0.05	0.114	1.259	0.02	0.055	0.235	0.02	0.032	0.126	0.177
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	28	71.	68.964	100.	28.	208.999	14.457	49.6	62.5	76.	90.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	24 ##	2.	9.917	84.	0.	383.993	19.596	2.	2.	7.5	39.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	24 ##	0.03	0.095	0.944	0.01	0.039	0.196	0.018	0.02	0.063	0.291
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	29 ##	0.005	0.022	0.173	0.005	0.002	0.041	0.005	0.005	0.014	0.081
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	29	2.44	2.433	6.69	0.58	1.061	1.03	1.16	1.95	2.78	3.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	25	0.335	0.505	2.9	0.02	0.453	0.673	0.02	0.1	0.465	1.586
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	20	0.045	0.101	0.545	0.005	0.018	0.135	0.023	0.029	0.111	0.324
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	21	0.031	0.046	0.187	0.005	0.002	0.043	0.007	0.019	0.058	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	26	0.021	0.083	1.12	0.004	0.047	0.216	0.01	0.013	0.07	0.163
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	27	160.	156.889	210.	54.	751.795	27.419	136.8	148.	166.	188.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	17	6.2	5.624	8.3	1.4	3.224	1.796	2.68	4.85	7.	7.82
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	15	70.	366.467	2450.	9.	420410.552	648.391	9.6	20.	460.	1640.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	15	1.845	1.988	3.389	0.954	0.601	0.775	0.982	1.301	2.663	3.181
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			97.251								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	29	5.	23.886	240.	0.	2949.978	54.314	1.	2.	11.	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-09/18/90	21	16.	16.943	22.2	10.7	11.944	3.456	11.74	14.4	20.05	21.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-09/18/90	21	457.	424.571	643.	123.	15586.057	124.844	192.	362.	481.	565.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-09/18/90	21	8.3	7.843	12.6	0.	8.637	2.939	2.4	6.95	9.3	12.1
00400	PH (STANDARD UNITS)	10/18/83-09/18/90	20	7.5	7.515	8.8	6.4	0.288	0.536	6.64	7.225	7.875	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-09/18/90	20	7.5	7.205	8.8	6.4	0.389	0.623	6.64	7.225	7.875	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-09/18/90	20	0.032	0.062	0.398	0.002	0.009	0.096	0.007	0.013	0.06	0.236
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-09/18/90	21	76.	72.286	98.	10.	303.314	17.416	55.2	69.	80.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-09/18/90	16 ##	2.	8.688	61.	2.	228.496	15.116	2.	2.	11.25	33.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	17	0.028	0.498	7.94	0.01	3.678	1.918	0.018	0.02	0.051	1.634
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	21 ##	0.005	0.015	0.099	0.005	0.	0.021	0.005	0.005	0.02	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-09/18/90	20	2.02	2.035	4.21	0.26	0.544	0.738	1.251	1.783	2.333	2.558
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-09/18/90	17	0.483	1.308	16.1	0.02	14.586	3.819	0.02	0.162	0.606	3.82
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-09/18/90	14	0.06	0.223	2.17	0.02	0.318	0.564	0.026	0.035	0.104	1.212
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-09/18/90	14	0.041	0.149	1.47	0.013	0.145	0.381	0.022	0.032	0.06	0.804
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-09/18/90	21	0.027	0.076	0.989	0.004	0.044	0.21	0.013	0.021	0.035	0.096
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-09/18/90	21	168.	164.19	180.	106.	271.562	16.479	150.4	158.	177.	180.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-09/18/90	14	7.	6.75	12.3	3.2	4.304	2.075	4.05	5.475	7.4	10.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	11	430.	3314.364	24000.	78.	52369841.455	7236.701	84.4	130.	2300.	20780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/83-01/23/90	11	2.633	2.778	4.38	1.892	0.621	0.788	1.922	2.114	3.362	4.284
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			599.247								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-09/18/90	21	5.	11.543	84.	1.3	462.458	21.505	1.92	2.1	8.	55.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0412

NPS Station ID: GWMP0412
LAT/LON: 38.929170/ -77.116670
Agency: 1113UPBA
Date Created: / /
Location: PO.R. CHAIN BRIDGE WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 3.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.36
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-03/13/67	10	4.9	4.68	8.	0.	4.724	2.173	0.3	3.75	5.875	7.9
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-03/13/67	15	790.	2393.333	9180.	80.	10687238.095	3269.134	86.	230.	3480.	9180.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-03/13/67	15	2.898	2.903	3.963	1.903	0.513	0.716	1.934	2.362	3.542	3.963
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			799.713								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-03/13/67	15	170.	436.667	2400.	10.	431952.381	657.231	16.	50.	790.	1740.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-03/13/67	15	2.23	2.22	3.38	1.	0.436	0.66	1.181	1.699	2.898	3.22
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			166.053								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-03/13/67	14	20.	317.143	2780.	10.	584237.363	764.354	10.	10.	132.5	1940.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-03/13/67	14	1.301	1.656	3.444	1.	0.662	0.814	1.	1.	2.106	3.243
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			45.246								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0412

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	15	6	0.40				15	6	0.40						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	15	6	0.40				15	6	0.40						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0413

NPS Station ID: GWMP0413
LAT/LON: 38.929170/ -77.116670
Agency: 1113MCST
Date Created: / /
Location: CHAIN BRIDGE WASH DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P08/P08 /008
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 02070010004002.62
RF3 Mile Point: 3.46
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	29.25	29.375	30.	29.	0.229	0.479	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.85	7.85	8.2	7.5	0.123	0.351	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.65	3.65	3.8	3.5	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.45	7.45	7.7	7.2	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.447	7.413	7.7	7.2	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.036	0.039	0.063	0.02	0.	0.018	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.78	0.774	0.866	0.669	0.007	0.086	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.076	0.088	0.2	0.001	0.011	0.103	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.4	10.5	10.9	10.3	0.073	0.271	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.85	23.275	25.	22.4	1.449	1.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	580.	580.	700.	460.	28800.	169.706	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.754	2.754	2.845	2.663	0.017	0.129	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			567.45								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	13.5	13.5	18.	9.	40.5	6.364	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.105	1.105	1.255	0.954	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.728								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	89.25	88.875	112.5	64.5	657.563	25.643	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.305	0.318	0.39	0.27	0.003	0.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0414

NPS Station ID: GWMP0414
LAT/LON: 38.929170/ -77.116670
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC AT CHAIN BRIDGE, D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D8 /D08 /P08
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 3.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 1.54
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-10/09/79	26	24.75	21.865	30.	5.	45.617	6.754	10.85	16.75	27.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-07/12/77	16	13.	16.263	48.	2.	167.596	12.946	3.05	6.775	19.75	42.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	12	21.75	39.367	145.	7.5	1838.995	42.884	8.1	13.25	57.25	131.5
00300	OXYGEN, DISSOLVED MG/L	01/16/74-10/09/79	28	8.25	8.936	13.8	6.6	2.588	1.609	7.49	7.8	10.025	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	16	3.2	3.688	11.	1.6	5.007	2.238	1.81	2.625	3.9	7.64
00400	PH (STANDARD UNITS)	01/16/74-01/16/74	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/74-01/16/74	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/74-01/16/74	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	12	0.045	0.049	0.097	0.02	0.001	0.024	0.02	0.025	0.07	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-07/12/77	16	0.05	0.075	0.171	0.025	0.002	0.049	0.029	0.038	0.133	0.156
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	12 ##	0.011	0.016	0.056	0.005	0.	0.014	0.007	0.01	0.02	0.046
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	12	0.875	0.918	1.56	0.52	0.108	0.329	0.523	0.597	1.168	1.476
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	9	0.345	0.401	1.034	0.1	0.09	0.301	0.1	0.168	0.551	1.034
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-10/09/79	28	0.53	0.553	1.197	0.1	0.04	0.201	0.334	0.427	0.63	0.788
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	17	0.47	0.574	1.44	0.001	0.208	0.456	0.032	0.14	0.88	1.336
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-10/09/79	29	0.34	0.383	1.05	0.15	0.045	0.211	0.18	0.235	0.485	0.64
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/12/77-10/09/79	11	0.15	0.173	0.35	0.05	0.008	0.091	0.058	0.1	0.25	0.338
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	17	0.02	0.056	0.19	0.007	0.003	0.059	0.009	0.01	0.11	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-08/21/79	26	5.95	5.923	16.7	0.5	12.071	3.474	1.69	3.6	7.15	11.26
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	7	1.3	2.129	7.7	0.5	6.779	2.604	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/16/74-07/31/79	17	22.5	24.776	41.	17.8	39.476	6.283	18.2	20.45	28.65	34.68
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3125.	3099.5	3930.	2130.	348157.5	590.049	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	1	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	10/09/79-10/09/79	1	4.544	4.544	4.544	4.544	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			35000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2300.								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	10	0.02	0.024	0.057	0.003	0.	0.018	0.003	0.008	0.038	0.056
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34205	ACENAPHTHENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34210	ACROLEIN TOTWUG/L	10/19/79-03/22/80	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34220	ANTHRACENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34320	CHRYSENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34381	FLUORENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34408	ISOPHORONE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34447	NITROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34469	PYRENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/22/80-03/22/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/19/79-03/22/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/22/80-03/22/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	10/19/79-03/22/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	12	0.144	0.139	0.3	0.02	0.009	0.095	0.02	0.054	0.218	0.291

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EPA Water Quality Criteria Analysis for Station: GWMP0414

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	8	0	0.00	2	0	0.00	6	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	3	0.25	8	2	0.25				4	1	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	15	0	0.00	3	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	12	0	0.00	8	0	0.00				4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	12	0	0.00	8	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	8	0	0.00	3	0	0.00	6	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0414

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	1	0	0.00	1	0	0.00						
34210	ACROLEIN, TOTAL	Fresh Acute	68.	2	0	0.00	1	0	0.00	1	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	2	0	0.00	1	0	0.00	1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	2	0	0.00	1	0	0.00	1	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	700.	2	0	0.00	1	0	0.00	1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	1	0	0.00	1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	2	0	0.00	1	0	0.00	1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	1	0	0.00	1	0	0.00						
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	1	0	0.00	1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1 &	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	1	0	0.00	1	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00	1	0	0.00						
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00	1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00	1	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00	1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1 &	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00	1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1 &	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00	1	0	0.00	1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00	1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	1	0	0.00	1	0	0.00						
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	1	0	0.00	1	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	1	0	0.00	1	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	1	0	0.00	1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	1	0	0.00	1	0	0.00						
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03									0&	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	1	0	0.00	1	0	0.00						
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	1	0	0.00	1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1.	1 &	0	0.00	1	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	6.	2	0	0.00	1	0	0.00	1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0414

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
		Drinking Water	3.	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	1 &	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00	1	0	0.00						
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0415

NPS Station ID: GWMP0415
Location: PIMMIT RUN AT VA RT 120
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070008003000.00
Description:

LAT/LON: 38.929170/ -77.118059
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 1113MCST
FIPS State/County: 51000 VIRGINIA/
STORET Station ID(s): MC SITE SVY P23/P23 /023
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.20
Distance from RF3: 0.04

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	25.	25.	25.5	24.5	0.167	0.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	8.55	8.625	9.	8.4	0.069	0.263	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	6.75	6.75	12.8	0.7	73.205	8.556	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.425	7.363	7.6	7.	0.066	0.256	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.424	7.3	7.6	7.	0.071	0.266	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.038	0.05	0.1	0.025	0.001	0.034	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.413	0.396	0.46	0.298	0.005	0.072	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.88	0.863	0.95	0.74	0.011	0.105	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.025	0.292	1.11	0.007	0.298	0.546	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	4.5	4.625	5.8	3.7	0.756	0.869	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	12.45	12.475	13.3	11.7	0.563	0.75	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	560.	560.	790.	330.	105800.	325.269	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.708	2.708	2.898	2.519	0.072	0.268	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			510.588								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	169.5	169.5	330.	9.	51520.5	226.981	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.736	1.736	2.519	0.954	1.223	1.106	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			54.498								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	6.75	7.125	10.5	4.5	6.563	2.562	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.08	0.35	1.18	0.06	0.306	0.553	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0415

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0416

NPS Station ID: GWMP0416
LAT/LON: 38.929448/ -77.116670
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT CHAIN BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-001B /01B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 3.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/71-05/14/71	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	05/14/71-05/14/71	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/14/71-05/14/71	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0416

			Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0417

NPS Station ID: GWMP0417 LAT/LON: 38.929448/ -77.117226 Agency: 112WRD Date Created: 01/14/78
Location: POTOMAC R AT CHAIN BRIDGE, AT WASH, DC FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01646580
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 19.80 On/Off RF1:
RF3 Index: 02070010059403.22 RF3 Mile Point: 8.28 Distance from RF3: 0.37 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	913	14.2	14.586	32.2	0.	80.628	8.979	2.64	7.	23.	26.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	413	17.	16.6	52.	-5.	78.211	8.844	5.2	2.5	23.9	27.3
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	118	766.	765.814	784.	740.	41.572	6.448	758.	762.	770.	773.
00060	FLOW, STREAM, MEAN DAILY CFS	01/02/73-07/17/79	216	10400.	18048.676	69000.	2170.	391547893.029	19787.569	3488.	4367.5	19625.	54930.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	934	9190.	20566.812	318000.	15.	950509025.233	30830.326	2090.	4300.	23025.	50795.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	107	3.67	4.38	17.94	2.67	5.254	2.292	2.84	3.11	4.63	6.552
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	253	24.	41.549	450.	1.	3184.32	56.43	7.	13.5	41.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/20/73-02/20/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	124	4.1	42.047	2700.	0.2	59388.481	243.698	1.	2.4	20.	65.
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/73-06/02/80	181	5.	7.254	35.	3.	26.024	5.101	4.	5.	8.	12.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/02/73-12/21/73	176	4.	4.511	40.	2.	7.897	2.81	3.7	4.	5.	5.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	729	274.	281.671	562.	81.	8107.933	90.044	175.	214.5	329.	410.
00300p	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	617	11.	11.188	18.8	0.	7.11	2.666	8.	8.9	13.4	14.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/05/80-09/30/80	27	81.	81.	81.	81.	0.	0.	81.	81.	81.	81.
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	254	0.	-0.026	0.5	-2.9	0.046	0.214	0.	0.	0.	0.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/73-12/07/78	70	2.	2.351	6.8	0.8	1.425	1.194	1.4	1.6	2.8	3.98
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	263	4.8	5.64	20.5	0.	10.905	3.302	2.7	3.3	6.7	10.7
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	178	3.8	4.374	15.	0.	5.703	2.388	2.1	2.8	5.4	7.5
00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	173	1.2	1.707	19.6	0.	4.895	2.213	0.	0.5	2.2	3.5
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	09/25/78-05/07/81	104	0.08	0.088	0.8	0.	0.007	0.081	0.03	0.06	0.11	0.135
00349	BOD, 30 DAY, 20 DEG C MG/L	09/25/78-12/07/78	21	5.8	7.819	47.	2.7	83.596	9.143	4.12	4.95	6.75	10.54
00400p	PH (STANDARD UNITS)	01/02/73-07/08/94	877	8.	8.008	9.2	6.5	0.173	0.415	7.5	7.7	8.3	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	877	8.	7.807	9.2	6.5	0.213	0.462	7.5	7.7	8.3	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	877	0.01	0.016	0.316	0.001	0.001	0.023	0.003	0.005	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	152	8.	7.974	9.1	6.9	0.156	0.395	7.4	7.8	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	152	8.	7.792	9.1	6.9	0.19	0.435	7.4	7.8	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	152	0.01	0.016	0.126	0.001	0.	0.017	0.003	0.005	0.016	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	284	1.5	1.791	9.5	0.	2.363	1.537	0.3	0.9	2.	5.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	392	74.	73.657	140.	0.6	432.421	20.795	46.	59.	88.75	99.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	03/06/93-03/06/93	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	78	91.5	90.218	157.	0.	1009.679	31.775	52.9	77.5	106.25	130.7
00445	CARBONATE ION (MG/L AS CO3)	02/05/73-11/01/93	30	0.	0.167	4.	0.	0.557	0.747	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/14/87-05/14/87	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	03/02/87-03/06/93	6	92.5	96.	157.	56.	1322.8	36.37	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	07/09/91-06/09/94	9	1.	1.889	8.	0.	7.861	2.804	0.	0.	3.5	8.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/10/87-07/08/94	38	103.5	100.447	157.	42.	852.74	29.202	64.1	78.25	126.5	139.1
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	92	186.5	243.283	1030.	61.	29955.414	173.076	117.3	134.25	232.5	526.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/28/74-12/20/77	8	150.	163.75	230.	120.	1969.643	44.381	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/74-12/20/77	8	22.5	49.75	190.	8.	4021.357	63.414	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	04/20/73-08/05/80	16	10.95	18.284	119.	0.8	898.775	29.98	0.94	2.813	14.	73.5
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	04/20/73-08/05/80	17	13.4	30.653	217.	1.3	2612.503	51.113	2.9	6.95	42.	93.
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	148	1.6	1.842	4.7	0.	0.781	0.884	1.	1.2	2.2	3.3
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/02/79-01/09/86	335	1.5	1.496	4.6	0.28	0.346	0.589	0.772	1.1	1.8	2.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	141	0.53	0.71	2.6	0.	0.328	0.572	0.196	0.305	0.94	1.64
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/19/79-01/09/86	230	0.28	0.326	1.1	0.	0.04	0.201	0.13	0.2	0.4	0.58
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	422	0.05	0.062	1.1	0.	0.008	0.087	0.005	0.02	0.08	0.121
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	187	0.05	0.083	1.	0.	0.02	0.14	0.01	0.02	0.1	0.142
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/01/76-09/01/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	376	0.01	0.017	0.5	0.	0.001	0.033	0.005	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/26/74-11/18/92	130	0.02	0.022	0.33	0.	0.001	0.032	0.005	0.01	0.03	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	257	1.2	1.152	2.8	0.04	0.273	0.522	0.408	0.82	1.5	1.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/01/81	76	1.3	1.228	2.5	0.	0.255	0.505	0.467	0.845	1.5	1.86
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	576	0.31	0.371	2.2	0.	0.059	0.242	0.15	0.23	0.44	0.64
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	509	0.19	0.322	8.3	0.	0.277	0.526	0.	0.06	0.38	0.76
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	707	0.52	0.669	8.9	0.	0.317	0.563	0.25	0.36	0.77	1.3
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/19/73-09/01/76	2	2200.	2200.	2300.	2100.	20000.	141.421	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	167	1.1	1.051	2.5	0.01	0.288	0.537	0.246	0.69	1.4	1.7
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	640	1.1	1.111	4.5	0.03	0.261	0.511	0.4	0.8	1.4	1.7
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/19/73-09/01/76	2	5.05	5.05	9.1	1.	32.805	5.728	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/73-01/27/81	99	0.04	0.092	0.83	0.	0.021	0.145	0.	0.01	0.09	0.28
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/78-02/09/83	98	0.12	0.275	0.77	0.	0.098	0.313	0.	0.06	0.77	0.77
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	713	0.07	0.118	2.2	0.	0.023	0.151	0.03	0.048	0.117	0.29
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	655	0.03	0.037	0.2	0.	0.001	0.026	0.01	0.02	0.05	0.07
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/19/73-09/01/76	2	327.5	327.5	600.	55.	148512.5	385.373	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	207	0.02	0.026	0.09	0.	0.001	0.022	0.005	0.005	0.04	0.06
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	175	4.8	5.928	29.	1.1	14.332	3.786	2.9	3.6	7.2	11.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	77	3.3	3.77	11.	1.2	3.404	1.845	1.98	2.4	4.85	6.12
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	03/08/73-09/28/81	71	18.	18.382	32.	0.	25.25	5.025	13.2	15.	21.	24.8
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	09/01/76-09/01/76	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/19/73-09/01/76	2	16.5	16.5	17.	16.	0.5	0.707	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-07/08/94	32	1.1	1.888	20.	0.	11.882	3.447	0.2	0.4	2.1	3.17
00690	CARBON, TOTAL (MG/L AS C)	04/26/79-08/13/80	41	24.	23.951	35.	4.	25.848	5.084	19.	20.5	27.	29.8
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/26/79-09/28/81	54	16.	16.515	31.	1.8	38.294	6.188	8.75	12.	21.25	23.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	368	97.	99.606	200.	15.	909.58	30.159	59.	76.	120.	138.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	336	30.	31.289	74.	6.	116.779	10.806	19.	25.	36.	46.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	245	31.	31.4	58.	13.	71.905	8.48	20.6	26.	36.	43.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	245	7.1	7.451	13.	2.5	6.687	2.586	4.3	5.3	9.4	12.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	245	8.7	11.136	39.	1.6	48.93	6.995	4.66	6.2	14.5	22.
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	177	0.4	0.533	1.4	0.1	0.074	0.273	0.3	0.3	0.85	0.9
00932	SODIUM, PERCENT	02/05/73-11/07/85	177	17.	19.893	36.	2.	67.562	8.22	12.	14.	25.	34.
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/17/79-03/24/80	28	9.95	9.846	17.	6.2	7.691	2.773	6.6	6.8	11.	13.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	245	2.4	2.414	4.3	1.2	0.464	0.681	1.6	1.8	2.9	3.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	281	11.	12.619	40.	1.	41.429	6.437	6.	8.	15.	22.
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	286	32.	36.881	100.	11.	264.091	16.251	20.	26.	44.	59.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	243	0.1	0.133	1.4	0.05	0.014	0.118	0.05	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	700	4.7	4.397	27.	0.	6.357	2.521	0.8	2.225	6.5	7.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/08/73-11/16/93	82 ##	0.5	0.732	3.	0.	0.236	0.486	0.5	0.5	1.	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/19/74-09/21/82	41	0.5	0.549	2.	0.	0.31	0.557	0.	0.	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	09/20/73-08/12/92	52	1.	1.058	3.	0.	0.457	0.676	0.5	0.5	1.	2.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/19/73-09/01/76	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-05/03/94	66	38.5	39.424	100.	0.	241.294	15.534	28.4	32.75	44.	50.9
01006	BARIUM, SUSPENDED (UG/L AS BA)	12/20/77-09/21/82	19	60.	50.526	200.	0.	2983.041	54.617	0.	0.	100.	100.
01007	BARIUM, TOTAL (UG/L AS BA)	12/20/77-09/21/82	20	100.	80.	200.	0.	3000.	54.772	0.	50.	100.	190.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	12/01/82-05/03/94	40 ##	0.25	0.358	1.2	0.	0.056	0.237	0.25	0.25	0.5	0.69
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/01/79-08/15/79	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/08/73-05/03/94	84 ##	0.5	1.095	30.	0.	12.4	3.521	0.	0.	0.5	2.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/19/74-09/28/81	36	0.	0.278	5.	0.	0.892	0.944	0.	0.	0.	1.3
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	72	0.	0.59	10.	0.	1.784	1.336	0.	0.	1.	1.7
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/19/73-09/01/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/19/73-09/01/76	2	16.5	16.5	23.	10.	84.5	9.192	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/08/73-05/03/94	82 ##	0.5	3.433	30.	0.	33.937	5.826	0.	0.5	5.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/19/74-05/11/82	36	5.	7.167	30.	0.	55.271	7.434	0.	0.	10.	20.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	72	10.	11.139	40.	0.	63.361	7.96	2.6	7.	12.	20.
01035	COBALT, DISSOLVED (UG/L AS CO)	03/08/73-05/03/94	92 ##	1.5	0.946	4.	0.	0.739	0.86	0.	0.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	06/19/74-09/28/81	36	0.	1.611	19.	0.	13.387	3.659	0.	0.	2.	4.
01037	COBALT, TOTAL (UG/L AS CO)	09/20/73-09/21/82	45 ##	1.	1.8	19.	0.	11.243	3.353	0.	0.	3.	4.
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/19/73-09/01/76	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/08/73-05/03/94	84	2.	2.298	10.	0.	4.856	2.204	0.	1.	3.	5.
01041	COPPER, SUSPENDED (UG/L AS CU)	06/19/74-09/21/82	41	4.	5.146	31.	0.	42.628	6.529	0.	0.	7.	10.
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	73	5.	6.363	34.	0.	40.981	6.402	0.	2.5	9.	13.6
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/19/73-09/01/76	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	08/15/78-09/21/82	79	1500.	4381.266	30000.	10.	41069136.839	6408.521	130.	390.	5200.	14000.
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	115	1100.	3688.783	30000.	70.	31339191.487	5598.142	226.	430.	4900.	9760.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	174	33.5	47.474	740.	0.	4728.952	68.767	5.	10.	60.	96.
01047	IRON, FERROUS (UG/L AS FE)	09/26/74-09/26/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/08/73-05/03/94	97	2.5	5.222	60.	0.	76.364	8.739	0.	0.5	5.	16.
01050	LEAD, SUSPENDED (UG/L AS PB)	06/19/74-09/21/82	48	9.	47.833	480.	0.	7345.887	85.708	0.	1.25	57.5	145.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	86	12.	57.884	1300.	0.	23818.475	154.332	3.7	7.	59.25	150.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/19/73-09/01/76	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/19/73-09/01/76	2	935.	935.	1000.	870.	8450.	91.924	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	105	100.	202.124	1200.	0.	60472.283	245.911	20.	50.	220.	610.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	117	120.	224.145	1200.	5.	61767.798	248.531	28.	50.	320.	634.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	170	7.	12.371	240.	0.	480.007	21.909	3.	5.	13.	20.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	12/01/82-05/03/94	47 ##	5.	5.33	20.	0.5	5.764	2.401	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/79-05/03/94	60	1.	1.583	5.	0.	1.442	1.201	0.5	0.5	2.	3.
01066	NICKEL, SUSPENDED (UG/L AS NI)	12/12/79-09/21/82	12	3.	14.25	120.	0.	1137.477	33.727	0.	1.25	12.5	88.8
01067	NICKEL, TOTAL (UG/L AS NI)	12/19/78-09/21/82	41	6.	11.	120.	0.	357.2	18.9	2.	3.	11.5	20.8
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/76-09/01/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-05/03/94	68 ##	0.5	0.434	2.	0.	0.089	0.298	0.	0.5	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	12/20/77-06/23/81	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01077	SILVER, TOTAL (UG/L AS AG)	09/01/76-09/21/82	34	0.	0.162	2.	0.	0.162	0.403	0.	0.	0.	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/01/82-05/03/94	48	150.	158.729	260.	58.	3085.819	55.55	88.9	110.	210.	240.
01085	VANADIUM, DISSOLVED (UG/L AS V)	12/01/82-05/03/94	48 ##	3.	3.063	6.	3.	0.188	0.433	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/08/73-05/03/94	84	6.5	10.071	83.	0.	206.061	14.355	0.	1.5	10.75	25.
01091	ZINC, SUSPENDED (UG/L ZN)	06/19/74-09/28/81	35	20.	21.629	120.	0.	511.064	22.607	4.2	10.	20.	44.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	73	30.	35.89	400.	0.	2534.96	50.348	10.	15.	40.	66.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/19/73-09/01/76	2	124.	124.	160.	88.	2592.	50.912	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	11/16/93-05/03/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/76-09/28/81	83	700.	2182.771	15000.	80.	10237547.105	3199.617	200.	300.	2600.	7460.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	162	40.	70.241	700.	0.	7411.861	86.092	5.	20.	100.	200.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	12/19/78-09/28/81	76	650.	2204.605	15000.	0.	11115558.509	3334.	100.	170.	2500.	7700.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/01/82-05/03/94	48	5.	5.875	17.	2.	12.41	3.523	2.	2.5	7.75	11.2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/08/73-05/03/94	91 ##	0.5	0.621	10.	0.	1.324	1.151	0.	0.5	0.5	0.5
01146	SELENIUM, SUSPENDED (UG/L AS SE)	06/19/74-06/23/81	35	0.	0.057	1.	0.	0.055	0.236	0.	0.	0.	0.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/26/74-09/21/82	47 ##	0.5	0.436	3.	0.	0.213	0.462	0.	0.	0.5	0.5
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/19/73-06/19/73	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/19/73-09/01/76	2	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	10/17/79-03/24/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	10/17/79-02/16/84	6	1.15	4.717	22.	0.3	72.558	8.518	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	36	3.25	3.314	7.4	1.	1.92	1.386	1.595	2.3	4.	5.06
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	36	0.7	2.108	29.	0.2	24.751	4.975	0.2	0.3	1.725	3.99
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	09/01/92-09/14/93	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	09/01/92-09/14/93	3 ##	0.3	1.333	3.4	0.3	3.203	1.79	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	08/28/74-05/03/94	36	0.05	0.07	0.39	0.03	0.004	0.064	0.03	0.04	0.07	0.1
22703	URANIUM, NATURAL, DISSOLVED	09/09/87-05/03/94	13	0.14	0.162	0.33	0.005	0.012	0.11	0.015	0.065	0.27	0.318
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/73-12/27/73	172	1700.	6669.07	250000.	50.	511415305.562	22614.493	250.	350.	4000.	8400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/73-12/27/73	172	3.23	3.181	5.398	1.699	0.497	0.705	2.398	2.544	3.602	3.921
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1517.528								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/73-12/27/73	152	250.	1928.882	60000.	0.	38783192.781	6227.615	0.	52.5	2150.	4000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/73-12/27/73	152	2.398	2.313	4.778	0.	1.229	1.109	0.	1.719	3.329	3.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			205.457								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/26/74-09/07/76	32	37.5	912.563	20000.	0.	12907535.802	3592.706	4.	9.	159.	2080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/26/74-09/07/76	32	1.556	1.642	4.301	0.	0.95	0.975	0.602	0.954	2.187	3.194
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.83								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	129	70.	895.992	30000.	0.	10524632.473	3244.169	3.	11.	295.	1500.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	129	1.845	1.817	4.477	-0.301	1.107	1.052	0.477	1.04	2.47	3.176
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			65.662								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	131	356.	2562.939	67000.	0.	78318681.042	8849.784	13.4	88.	1030.	3706.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	131	2.551	2.466	4.826	0.	0.987	0.994	1.126	1.944	3.013	3.568
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			292.444								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/10/73-12/19/73	47	1200.	3338.723	60000.	0.	85812963.552	9263.529	30.	100.	4000.	4200.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/10/73-12/19/73	47	3.079	2.735	4.778	0.	1.03	1.015	1.477	2.	3.602	3.621
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			543.291								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/26/74-10/12/76	33	180.	2265.212	37000.	2.	44635397.11	6680.973	8.4	78.	710.	6520.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/26/74-10/12/76	33	2.255	2.343	4.568	0.301	0.979	0.99	0.832	1.892	2.82	3.814
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			220.538								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	10/11/79-09/24/81	307	11.5	23.859	161.	0.	770.336	27.755	2.2	5.	32.	69.56
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/09/79	42	15.81	17.082	54.4	2.	147.056	12.127	3.296	7.753	24.498	28.74
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	10/11/79-09/24/81	307	8.8	11.471	77.	0.	122.205	11.055	1.7	3.4	15.1	24.74
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/11/79-09/24/81	307	16.5	29.088	169.	0.	963.778	31.045	3.2	6.8	40.9	80.48
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/25/79-10/09/79	41	6.97	10.651	52.9	0.5	97.461	9.872	2.672	3.5	15.35	23.6
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/26/74-06/22/76	8	0.6	1.944	6.25	0.	5.852	2.419	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/26/74-06/22/76	8	15.	28.15	110.	0.7	1365.766	36.956	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	04/25/79-10/09/79	42	0.021	0.025	0.072	0.004	0.	0.017	0.005	0.012	0.033	0.05
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	09/17/80-09/01/81	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	09/06/77-08/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/01/79-09/01/81	34	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39054	SIMETRYNE IN WHOLE WATER (UG/L)	07/17/79-09/01/81	29	0.	0.016	0.05	0.	0.001	0.024	0.	0.	0.05	0.05
39055	SIMAZINE IN WHOLE WATER (UG/L)	04/26/79-09/01/81	33	0.05	0.103	0.4	0.	0.015	0.123	0.	0.	0.2	0.36
39056	PROMETONE IN WHOLE WATER (UG/L)	07/17/79-09/01/81	29	0.05	0.053	0.2	0.	0.004	0.064	0.	0.	0.1	0.2
39057	PROMETRYNE IN WHOLE WATER (UG/L)	04/26/79-09/01/81	33	0.	0.009	0.2	0.	0.001	0.036	0.	0.	0.	0.03
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/10/87-07/08/94	40	89.5	85.3	129.	34.	718.113	26.798	46.	62.75	106.	121.8
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/31/80-06/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	10/12/76-09/01/81	35	0.	0.013	0.05	0.	0.	0.022	0.	0.	0.05	0.05
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/12/76-09/01/81	40	0.	0.011	0.05	0.	0.	0.021	0.	0.	0.	0.05
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/01/76-09/01/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.004	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.004	0.005
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.004	0.005
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/01/76-09/01/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/01/79-09/01/81	34	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.011	0.05	0.	0.	0.021	0.	0.	0.	0.05
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	40	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/77-09/01/81	32	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	39	0.	0.029	0.5	0.	0.007	0.082	0.	0.	0.05	0.05
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/06/77-09/01/81	38	0.05	0.128	0.5	0.	0.026	0.161	0.	0.	0.2	0.4
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	38	0.008	0.022	0.14	0.	0.001	0.034	0.	0.	0.033	0.07
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	38	0.	0.003	0.04	0.	0.	0.007	0.	0.	0.005	0.01
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/01/79-09/01/81	34	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/12/76-09/01/81	38	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.001	0.005
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	06/17/80-06/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/12/76-05/09/79	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	09/01/76-09/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	186	6950.	17320.86	120000.	0.	519952828.445	22802.474	1000.	2662.5	27250.	46000.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	198	162.	174.091	324.	70.	2560.53	50.602	113.9	136.75	206.	246.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	174	130.	141.006	284.	63.	1952.006	44.182	99.	110.	163.75	200.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	172	3945.	6727.622	37900.	84.	55439934.342	7445.8	84.	1307.5	10800.	15640.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	174	0.2	0.213	0.44	0.1	0.005	0.068	0.14	0.17	0.25	0.305
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	215	94.	90.177	100.	45.	118.969	10.907	77.6	86.	98.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/27/79-11/07/85	46	99.	96.891	100.	75.	18.499	4.301	92.7	96.	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/27/79-11/07/85	42	100.	98.31	100.	79.	13.877	3.725	95.3	98.75	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/27/79-11/07/85	22	100.	93.909	100.	0.	450.753	21.231	88.8	97.75	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	02/27/79-05/02/80	8	100.	99.25	100.	98.	1.071	1.035	**	**	**	**
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	02/27/79-03/01/79	6	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/01/79-11/07/85	9	47.	46.111	70.	30.	150.111	12.252	30.	36.	53.	70.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/27/79-11/07/85	47	49.	52.383	88.	30.	132.198	11.498	42.8	46.	56.	68.4
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/27/79-11/07/85	46	64.	65.826	99.	41.	117.347	10.833	54.	60.5	70.	82.1
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/27/79-11/07/85	47	79.	78.66	99.	58.	75.795	8.706	65.8	73.	83.	90.4
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/27/79-11/07/85	47	90.	87.362	99.	64.	55.714	7.464	76.8	82.	92.	94.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/76-11/18/92	95	0.04	0.046	0.23	0.	0.002	0.042	0.	0.02	0.07	0.11
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	11/09/76-08/05/80	6	11427.5	24511.667	102600.	494.	1497264493.067	38694.502	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	03/27/79-09/28/81	62	14.45	19.237	81.	0.	428.034	20.689	0.53	4.5	25.375	52.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	03/27/79-09/28/81	62	0.	1.02	11.3	0.	4.656	2.158	0.	0.	0.825	3.65
70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	11/09/76-12/07/76	2	2.185	2.185	4.3	0.07	8.946	2.991	**	**	**	**
70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	11/09/76-12/07/76	2	0.715	0.715	1.4	0.03	0.938	0.969	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/17/77-08/05/80	4	0.25	0.218	0.3	0.07	0.012	0.109	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/17/77-08/05/80	4	0.018	0.036	0.1	0.006	0.002	0.044	**	**	**	**
71100	SESTON, TOTAL - MG/L	08/22/79-06/26/80	3	28.5	33.233	50.5	20.7	238.813	15.454	**	**	**	**
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-06/26/80	3	22.	26.4	44.	13.2	251.68	15.864	**	**	**	**
71820	DENSITY (GM/ML AT 20 C)	07/02/86-07/02/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/10/78-01/27/81	103	0.05	0.1	1.1	0.	0.037	0.192	0.01	0.02	0.09	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	306	0.06	0.137	1.4	0.	0.041	0.203	0.	0.03	0.13	0.499
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	248	5.3	5.06	12.	0.1	5.335	2.31	1.78	3.6	6.5	7.72
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	253	0.03	0.063	1.6	0.	0.016	0.127	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	120	0.31	0.625	6.7	0.	0.694	0.833	0.12	0.18	0.845	1.59
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	148	7.15	8.198	21.	0.	15.789	3.974	4.5	5.4	9.8	15.
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/19/73-11/16/93	76 ##	0.1	0.166	0.6	0.	0.019	0.137	0.05	0.05	0.25	0.3
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/19/74-09/21/82	34	0.	0.003	0.1	0.	0.	0.017	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	74 ##	0.2	0.178	0.5	0.	0.012	0.11	0.05	0.1	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/19/73-09/01/76	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/15/89-09/14/93	9	0.8	0.759	1.2	0.4	0.061	0.247	0.4	0.55	0.93	1.2
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/15/89-09/14/93	9	0.3	0.583	1.6	0.3	0.196	0.442	0.3	0.3	0.82	1.6
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/15/89-09/14/93	9	0.79	0.762	1.	0.6	0.017	0.129	0.6	0.65	0.835	1.
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/15/89-09/14/93	9	0.98	1.043	1.4	0.7	0.071	0.266	0.7	0.8	1.305	1.4
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	03/06/90-05/03/94	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/06/90-05/03/94	8	0.015	0.019	0.05	0.01	0.	0.014	**	**	**	**
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	03/15/89-09/14/93	9	0.3	0.558	2.05	0.1	0.38	0.617	0.1	0.21	0.8	2.05
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/15/89-09/14/93	9	0.5	0.537	0.82	0.3	0.019	0.137	0.3	0.5	0.6	0.82
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	08/28/74-03/02/87	23	0.17	0.167	0.34	0.02	0.008	0.088	0.044	0.09	0.23	0.3
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/28/74-09/14/93	36 ##	0.8	1.074	3.7	0.2	0.706	0.841	0.27	0.513	1.463	2.26
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/28/74-09/14/93	36	0.7	2.917	32.	0.2	39.302	6.269	0.2	0.3	2.425	8.34
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	36	2.65	2.738	5.9	1.	1.162	1.078	1.325	2.025	3.4	4.01
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	36	0.65	1.868	25.	0.2	17.99	4.241	0.2	0.3	1.6	3.93
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	881	30.	116.484	2994.	0.	42283.429	205.629	6.	13.	125.	385.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	553	641.	16691.511	358000.	0.	1876836959.588	43322.476	77.8	163.	10650.	42760.
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	08/12/83-08/12/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	10/27/80-09/01/81	10 ##	0.05	0.045	0.05	0.	0.	0.016	0.005	0.05	0.05	0.05
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	09/17/80-07/27/81	20	1.95	1.895	3.	1.3	0.154	0.393	1.4	1.6	2.1	2.2
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	165	0.11	0.146	0.77	0.	0.024	0.155	0.	0.	0.225	0.39
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	179	0.12	0.119	0.26	0.	0.002	0.047	0.06	0.09	0.15	0.18
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	259	0.	0.104	2.54	-0.83	0.17	0.412	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	134	7.25	6.943	16.3	0.	19.531	4.419	0.	3.275	10.215	12.44
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	10/27/80-09/01/81	11 ##	0.005	0.004	0.005	0.	0.	0.002	0.	0.005	0.005	0.005
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	10/27/80-09/01/81	10 ##	0.05	0.045	0.05	0.	0.	0.016	0.005	0.05	0.05	0.05
82185	ATRATON (GESTAMIN) TOTAL UG/L	10/27/80-09/01/81	10 ##	0.05	0.045	0.05	0.	0.	0.016	0.005	0.05	0.05	0.05
82187	CYPRAZINE TOTAL UG/L	10/27/80-09/01/81	10 ##	0.05	0.045	0.05	0.	0.	0.016	0.005	0.05	0.05	0.05
82188	SIMETONE TOTAL UG/L	10/27/80-09/01/81	10 ##	0.05	0.045	0.05	0.	0.	0.016	0.005	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	253	55	0.22	98	17	0.17	96	18	0.19	59	20	0.34			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	124	17	0.14	38	3	0.08	56	9	0.16	30	5	0.17			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	617	2	0.00	180	1	0.01	264	0	0.00	173	1	0.01			
00400	PH	Other-Hi Lim.	9.	877	13	0.01	283	5	0.02	366	7	0.02	228	1	0.00			
		Other-Lo Lim.	6.5	877	1	0.00	283	0	0.00	366	1	0.00	228	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	152	1	0.01	43	0	0.00	73	1	0.01	36	0	0.00			
		Other-Lo Lim.	6.5	152	0	0.00	43	0	0.00	73	0	0.00	36	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	376	0	0.00	119	0	0.00	155	0	0.00	102	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	130	0	0.00	35	0	0.00	68	0	0.00	27	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	257	0	0.00	76	0	0.00	106	0	0.00	75	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	76	0	0.00	20	0	0.00	31	0	0.00	25	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	167	0	0.00	55	0	0.00	61	0	0.00	51	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	640	0	0.00	192	0	0.00	262	0	0.00	186	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	281	0	0.00	82	0	0.00	122	0	0.00	77	0	0.00			
		Drinking Water	250.	281	0	0.00	82	0	0.00	122	0	0.00	77	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	286	0	0.00	95	0	0.00	113	0	0.00	78	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	243	0	0.00	75	0	0.00	102	0	0.00	66	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	82	0	0.00	27	0	0.00	36	0	0.00	19	0	0.00			
		Drinking Water	50.	82	0	0.00	27	0	0.00	36	0	0.00	19	0	0.00			
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
		Drinking Water	50.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	52	0	0.00	21	0	0.00	20	0	0.00	11	0	0.00			
		Drinking Water	50.	52	0	0.00	21	0	0.00	20	0	0.00	11	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	66	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00			
01006	BARIUM, SUSPENDED	Drinking Water	2000.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	20	0	0.00	5	0	0.00	10	0	0.00	5	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	40	0	0.00	11	0	0.00	19	0	0.00	10	0	0.00			
		Drinking Water	4.	40	0	0.00	11	0	0.00	19	0	0.00	10	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	84	3	0.04	27	2	0.07	37	1	0.03	20	0	0.00			
		Drinking Water	5.	84	3	0.04	27	2	0.07	37	1	0.03	20	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	36	1	0.03	15	1	0.07	13	0	0.00	8	0	0.00			
		Drinking Water	5.	36	1	0.03	15	1	0.07	13	0	0.00	8	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	72	1	0.01	27	1	0.04	24	0	0.00	21	0	0.00			
		Drinking Water	5.	72	1	0.01	27	1	0.04	24	0	0.00	21	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	82	0	0.00	27	0	0.00	36	0	0.00	19	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	36	0	0.00	13	0	0.00	15	0	0.00	8	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	72	0	0.00	27	0	0.00	24	0	0.00	21	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	84	0	0.00	27	0	0.00	37	0	0.00	20	0	0.00			
		Drinking Water	1300.	84	0	0.00	27	0	0.00	37	0	0.00	20	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	41	2	0.05	16	1	0.06	16	0	0.00	9	1	0.11			
		Drinking Water	1300.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	73	3	0.04	27	1	0.04	25	1	0.04	21	1	0.05			
		Drinking Water	1300.	73	0	0.00	27	0	0.00	25	0	0.00	21	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	97	0	0.00	28	0	0.00	49	0	0.00	20	0	0.00			
		Drinking Water	15.	97	10	0.10	28	3	0.11	49	6	0.12	20	1	0.05			
01050	LEAD, SUSPENDED	Fresh Acute	82.	48	8	0.17	15	5	0.33	24	2	0.08	9	1	0.11			
		Drinking Water	15.	48	22	0.46	15	10	0.67	24	9	0.38	9	3	0.33			
01051	LEAD, TOTAL	Fresh Acute	82.	85 &	13	0.15	28	6	0.21	36	5	0.14	21	2	0.10			
		Drinking Water	15.	85 &	36	0.42	28	14	0.50	36	15	0.42	21	7	0.33			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	60	0	0.00	17	0	0.00	28	0	0.00	15	0	0.00			
		Drinking Water	100.	60	0	0.00	17	0	0.00	28	0	0.00	15	0	0.00			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	100.	12	1	0.08	3	0	0.00	6	1	0.17	3	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	41	0	0.00	12	0	0.00	14	0	0.00	15	0	0.00			
		Drinking Water	100.	41	1	0.02	12	0	0.00	14	1	0.07	15	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	68	0	0.00	19	0	0.00	32	0	0.00	17	0	0.00			
		Drinking Water	100.	68	0	0.00	19	0	0.00	32	0	0.00	17	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	15	0	0.00	3	0	0.00	8	0	0.00	4	0	0.00			
		Drinking Water	100.	15	0	0.00	3	0	0.00	8	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	34	0	0.00	8	0	0.00	13	0	0.00	13	0	0.00			
		Drinking Water	100.	34	0	0.00	8	0	0.00	13	0	0.00	13	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	84	0	0.00	27	0	0.00	37	0	0.00	20	0	0.00			
		Drinking Water	5000.	84	0	0.00	27	0	0.00	37	0	0.00	20	0	0.00			
01091	ZINC, SUSPENDED	Fresh Acute	120.	35	1	0.03	15	0	0.00	13	0	0.00	7	1	0.14			
		Drinking Water	5000.	35	0	0.00	15	0	0.00	13	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0417

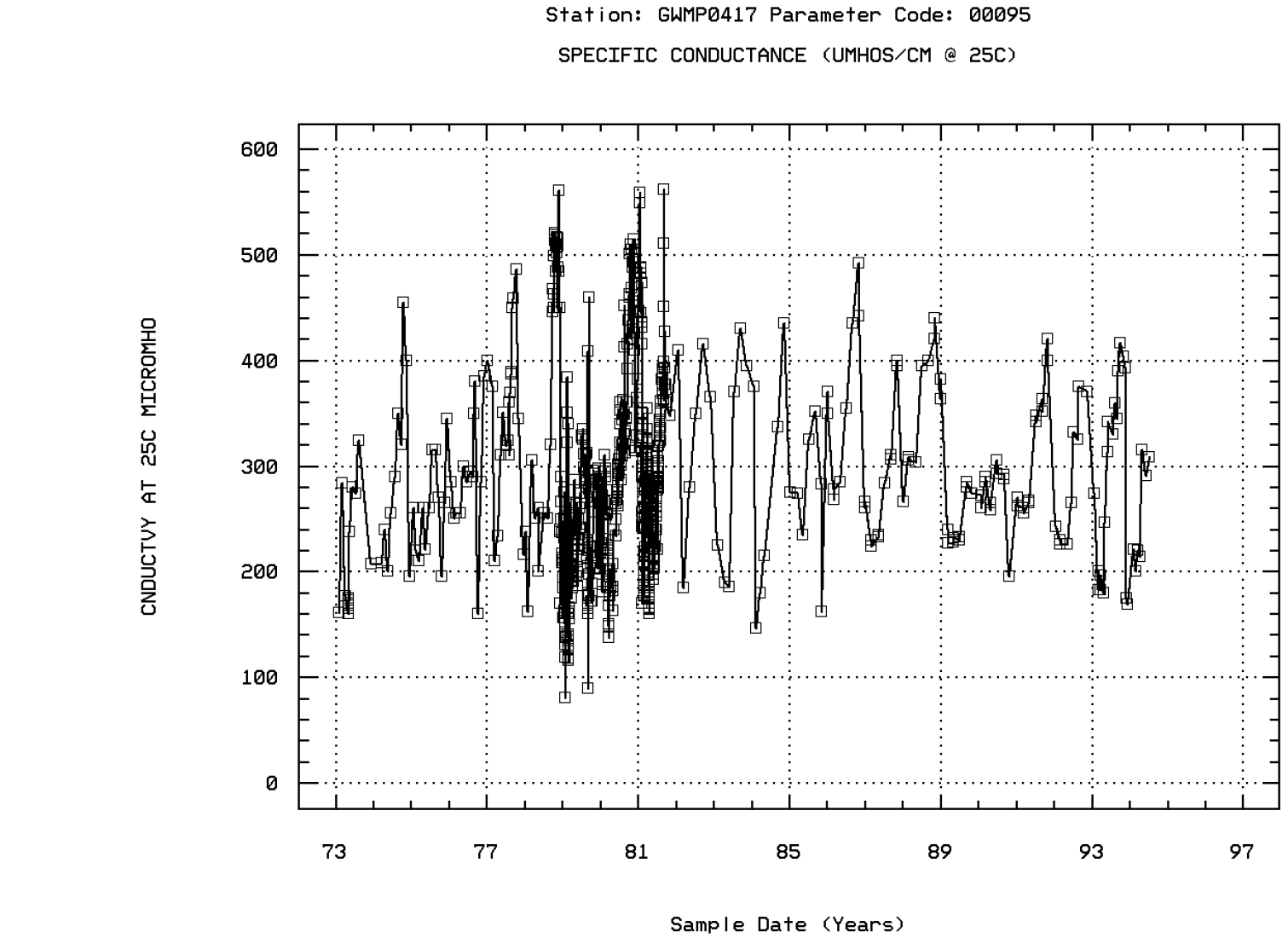
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	73	3	0.04	27	1	0.04	25	1	0.04	21	1	0.05			
		Drinking Water	5000.	73	0	0.00	27	0	0.00	25	0	0.00	21	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	6.	3	0	0.00				2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	91	0	0.00	30	0	0.00	39	0	0.00	22	0	0.00			
		Drinking Water	50.	91	0	0.00	30	0	0.00	39	0	0.00	22	0	0.00			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	35	0	0.00	14	0	0.00	13	0	0.00	8	0	0.00			
		Drinking Water	50.	35	0	0.00	14	0	0.00	13	0	0.00	8	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	47	0	0.00	19	0	0.00	18	0	0.00	10	0	0.00			
		Drinking Water	50.	47	0	0.00	19	0	0.00	18	0	0.00	10	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	13	0	0.00	6	0	0.00	6	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	172	109	0.63	71	40	0.56	70	45	0.64	31	24	0.77			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	152	78	0.51	70	28	0.40	59	32	0.54	23	18	0.78			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	7	0.22	12	2	0.17	11	3	0.27	9	2	0.22			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	128 &	45	0.35	46	15	0.33	52	20	0.38	30	10	0.33			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	33	0	0.00	9	0	0.00	13	0	0.00	11	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	0.2	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	2.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	34	0	0.00	9	0	0.00	14	0	0.00	11	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	2.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	3.	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	0.4	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
		Drinking Water	0.2	40	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	32	0	0.00	9	0	0.00	13	0	0.00	10	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	38	0	0.00	11	0	0.00	15	0	0.00	12	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	38	0	0.00	11	0	0.00	15	0	0.00	12	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	38	0	0.00	11	0	0.00	15	0	0.00	12	0	0.00			
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	248	0	0.00	68	0	0.00	105	0	0.00	75	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	253	0	0.00	74	0	0.00	105	0	0.00	74	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	76	0	0.00	26	0	0.00	32	0	0.00	18	0	0.00			
		Drinking Water	2.	76	0	0.00	26	0	0.00	32	0	0.00	18	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	34	0	0.00	14	0	0.00	12	0	0.00	8	0	0.00			
		Drinking Water	2.	34	0	0.00	14	0	0.00	12	0	0.00	8	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	74	0	0.00	26	0	0.00	27	0	0.00	21	0	0.00			
		Drinking Water	2.	74	0	0.00	26	0	0.00	27	0	0.00	21	0	0.00			
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	23	0	0.00	10	0	0.00	9	0	0.00	4	0	0.00			

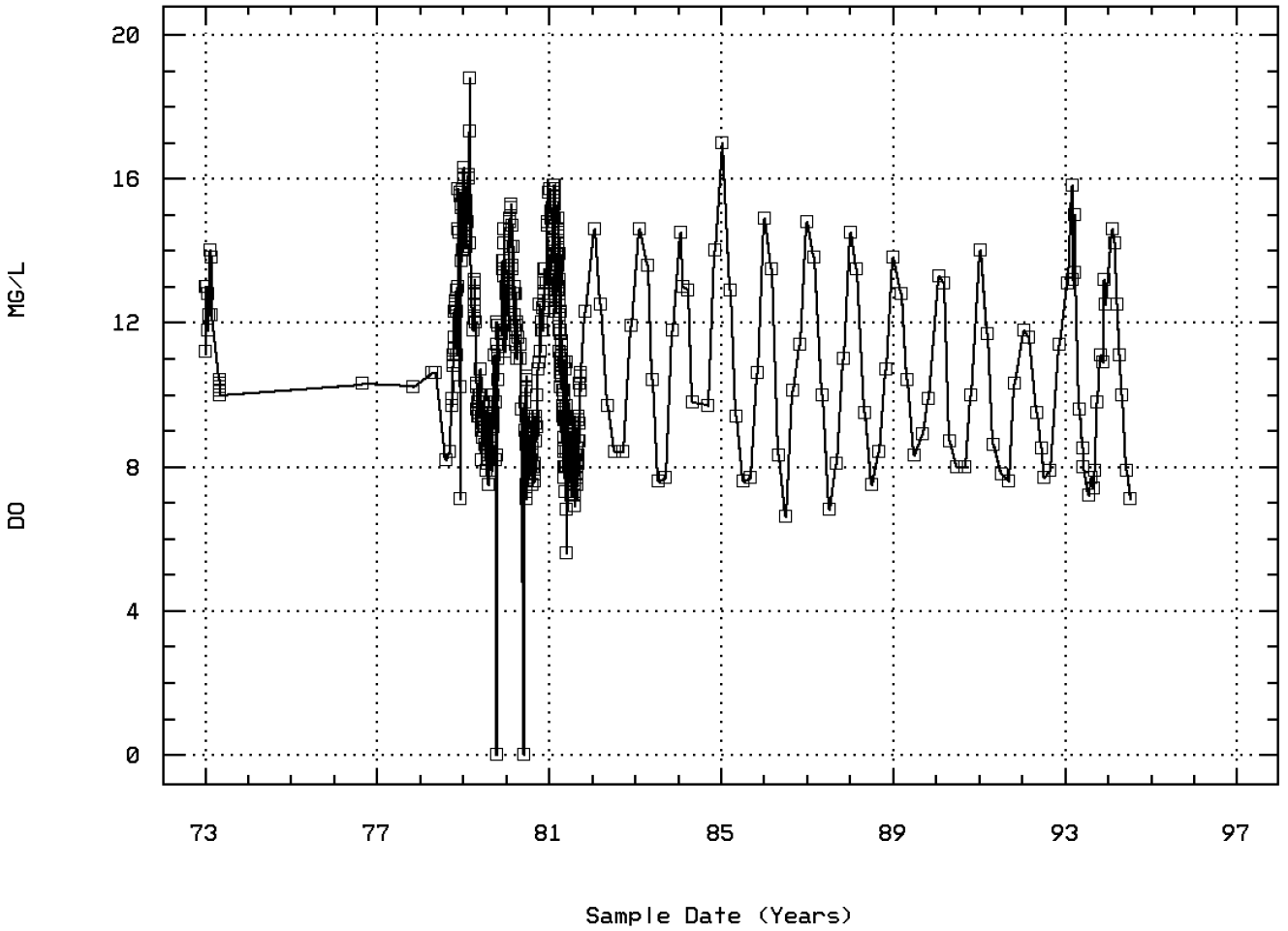
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



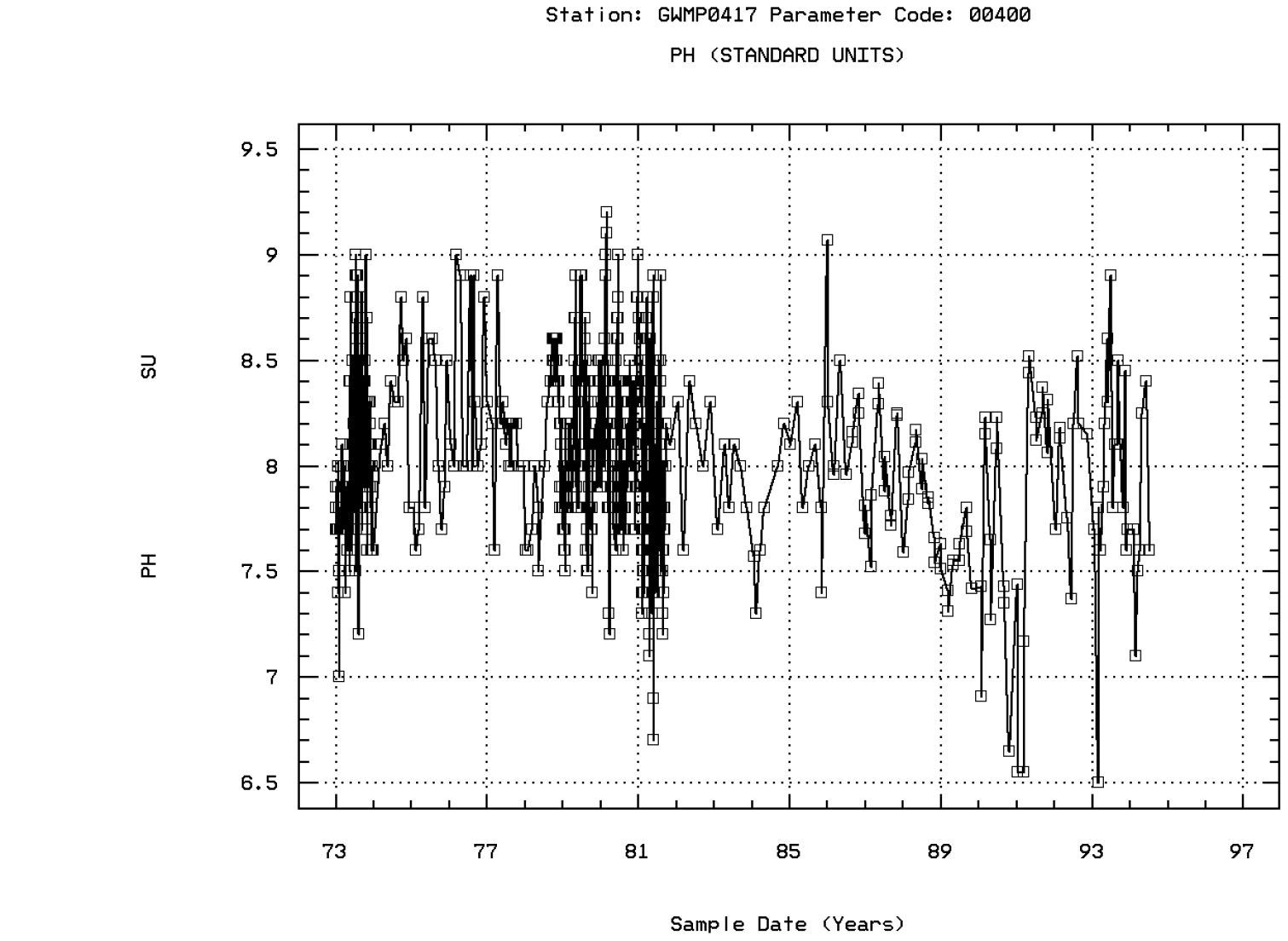
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00300

OXYGEN, DISSOLVED



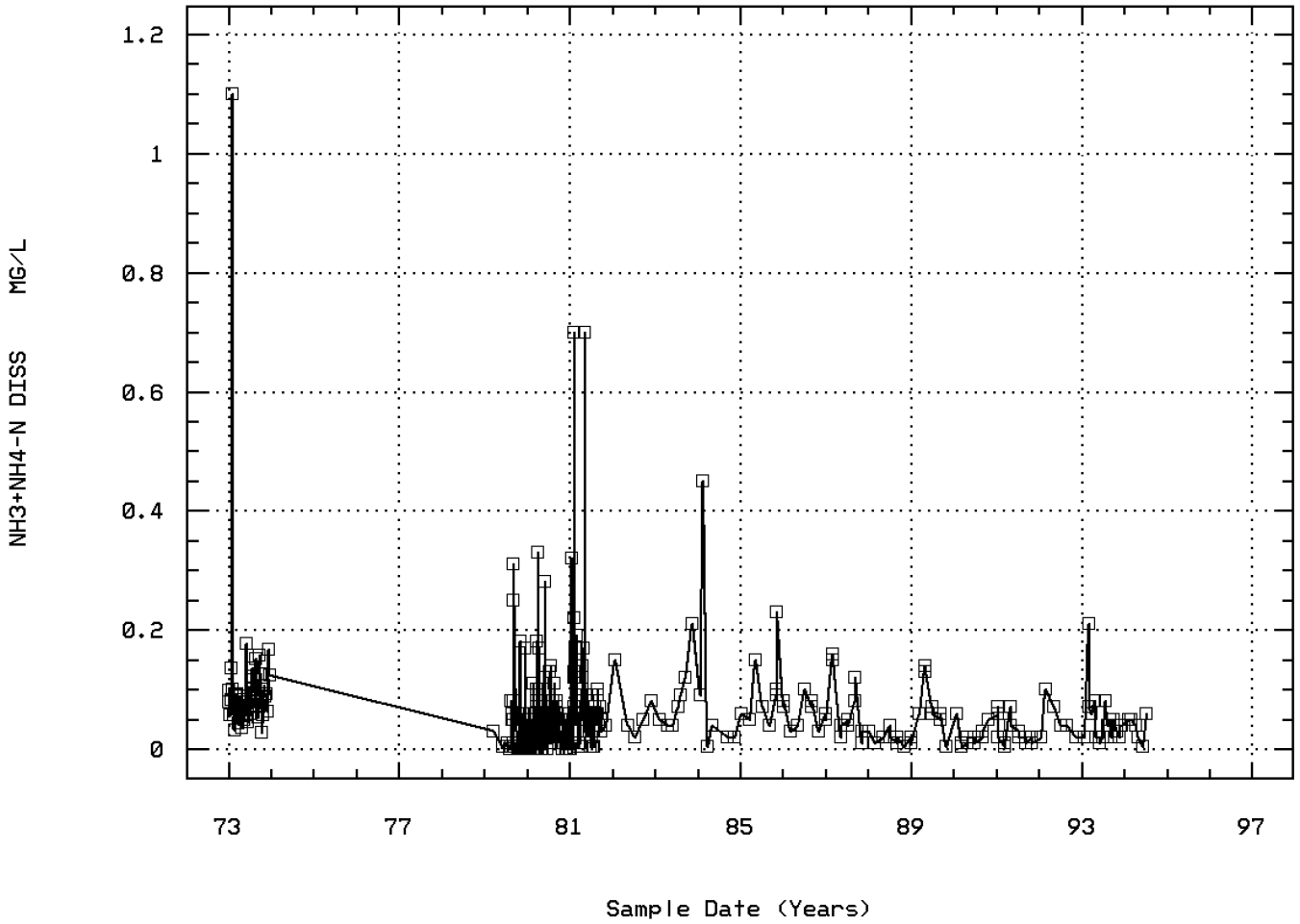
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00608

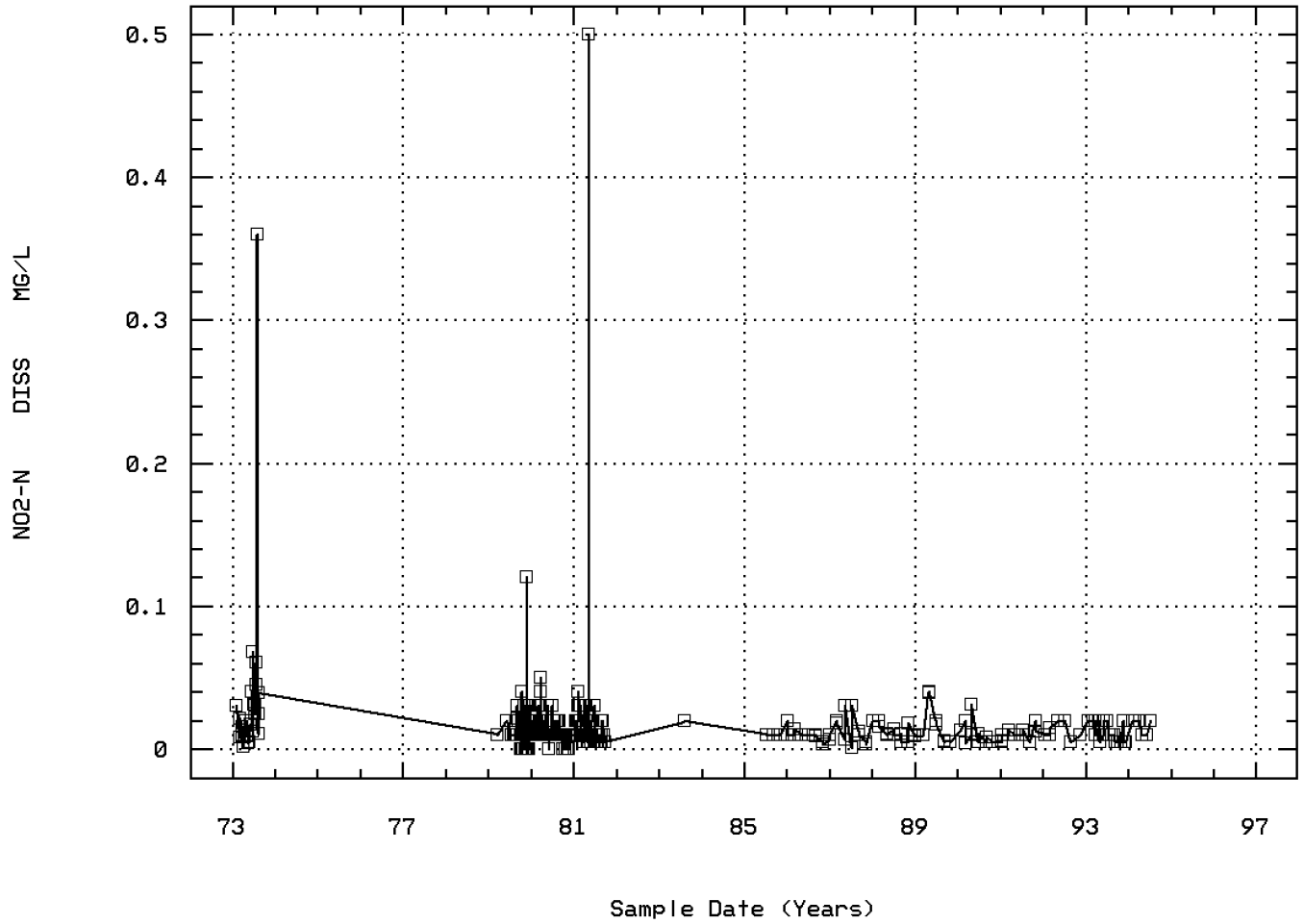
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00613

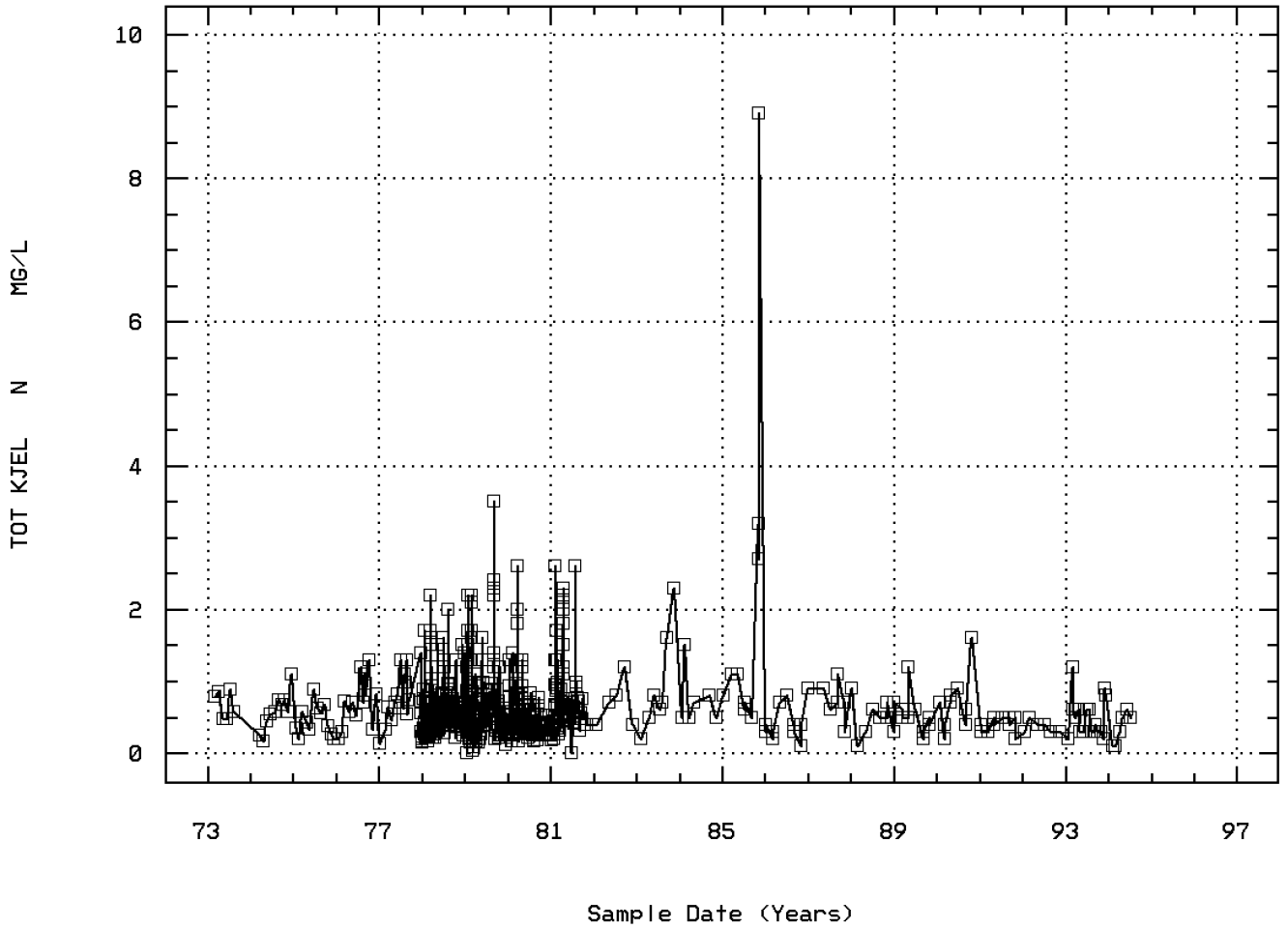
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POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00625

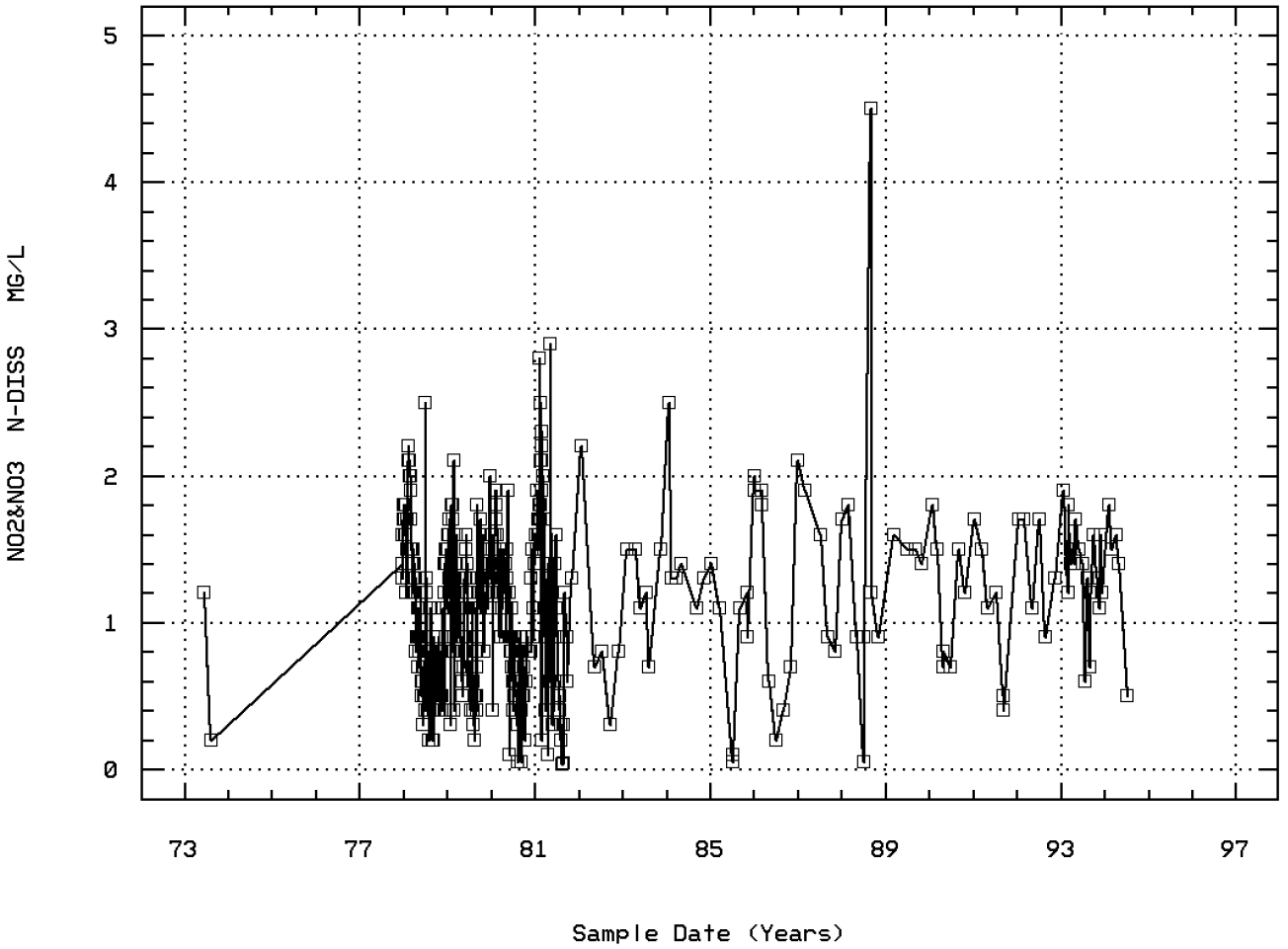
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00631

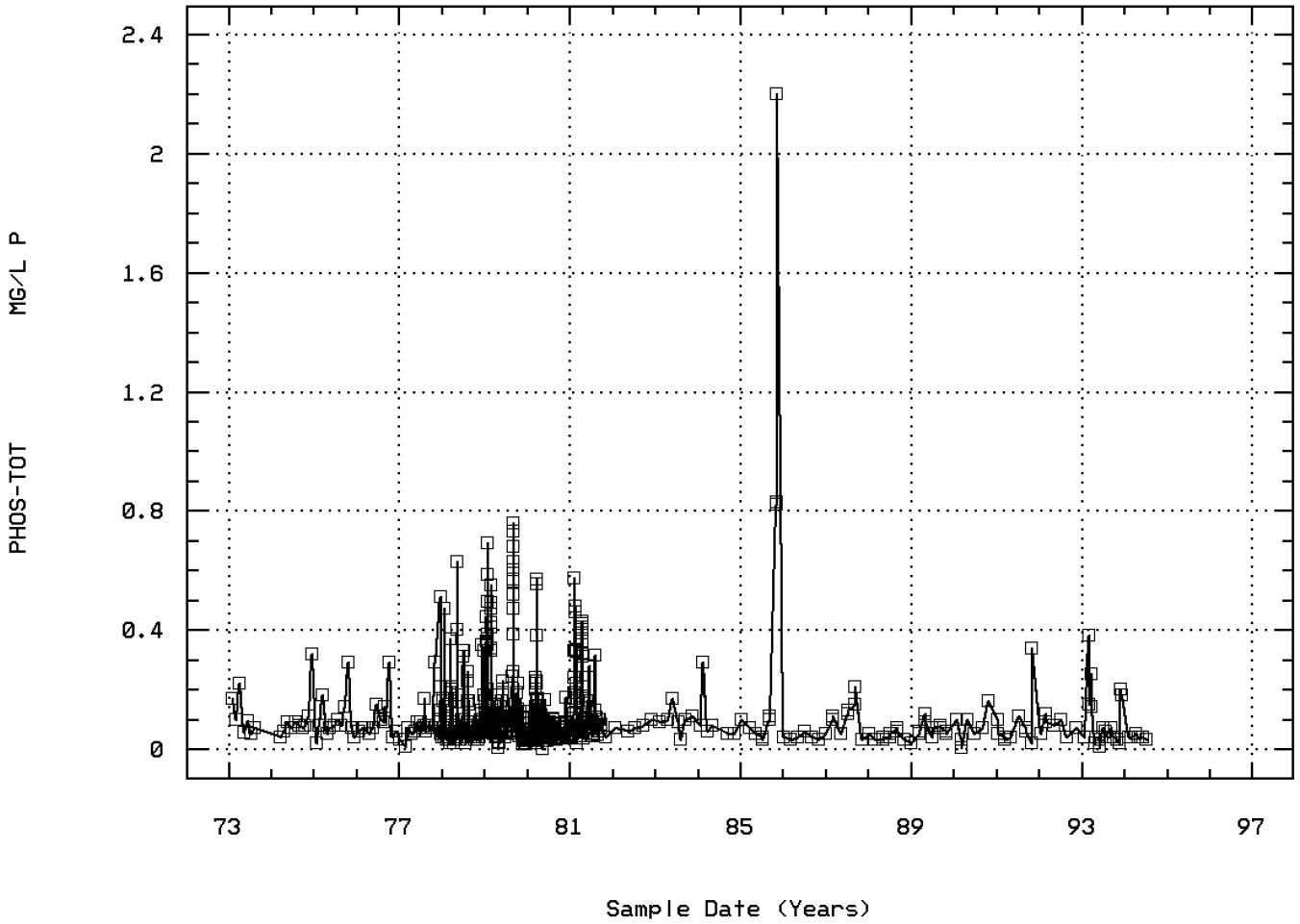
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00665

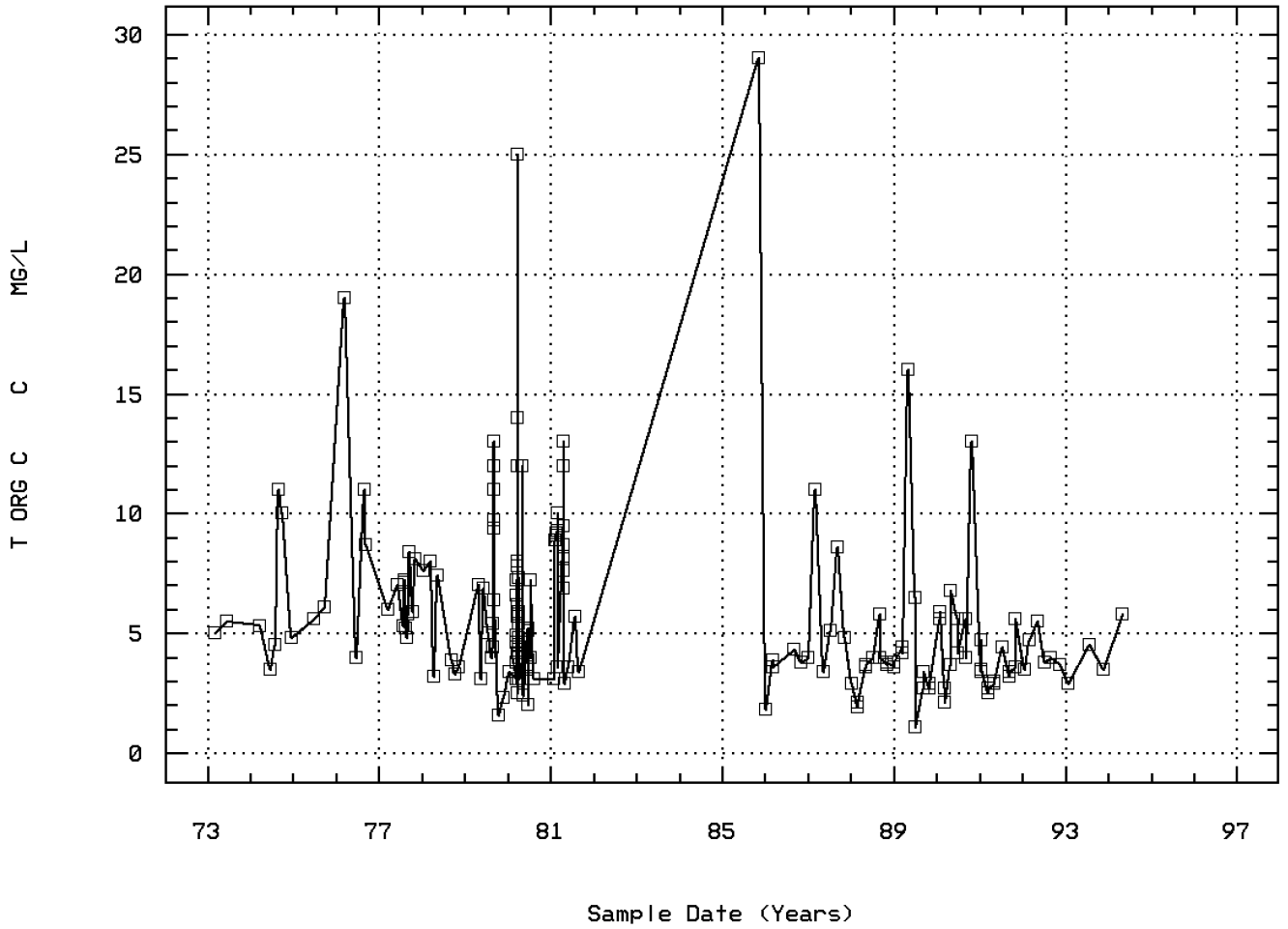
PHOSPHORUS, TOTAL (MG/L AS P)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00680

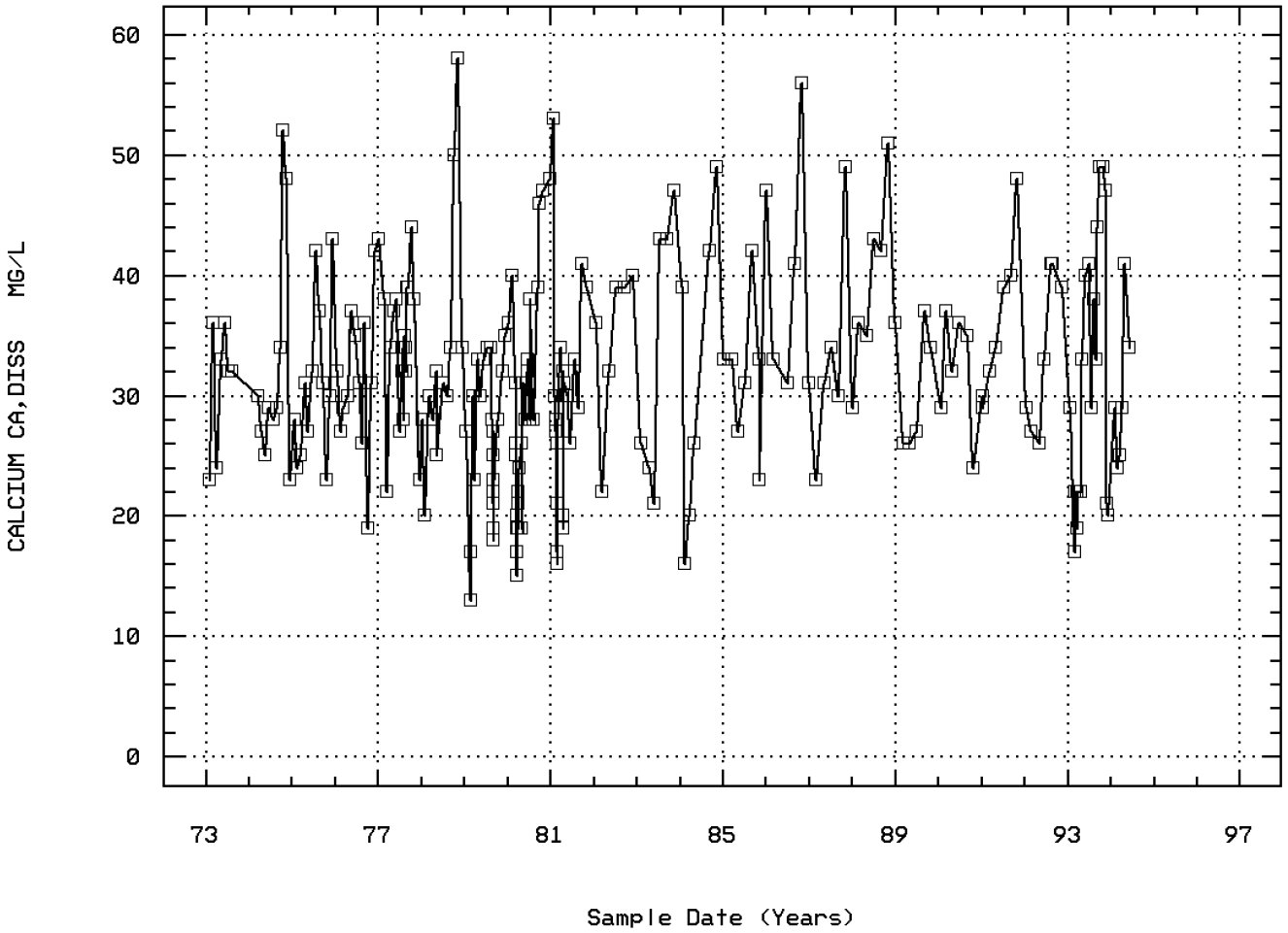
CARBON, TOTAL ORGANIC (MG/L AS C)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00915

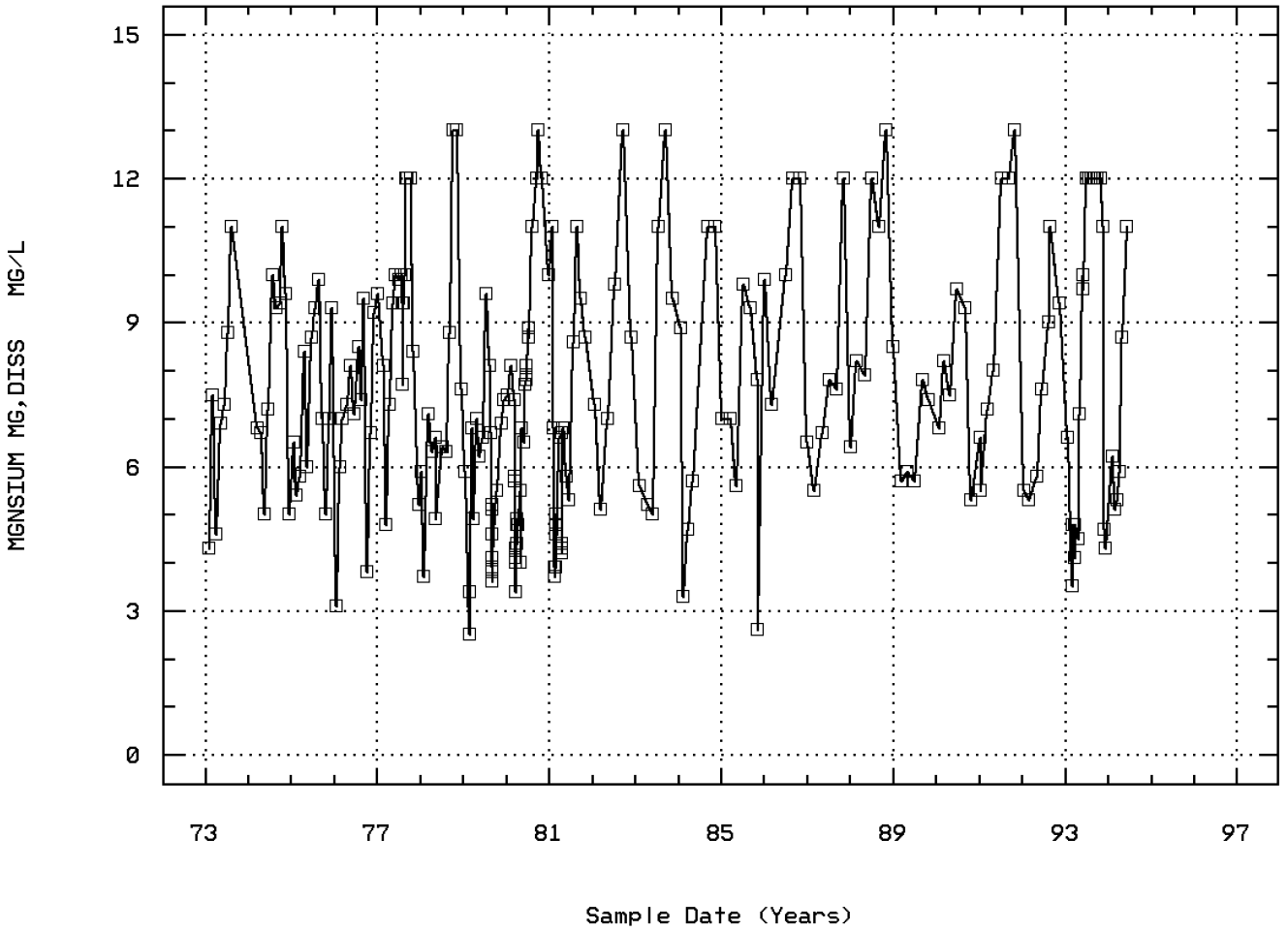
CALCIUM, DISSOLVED (MG/L AS CA)



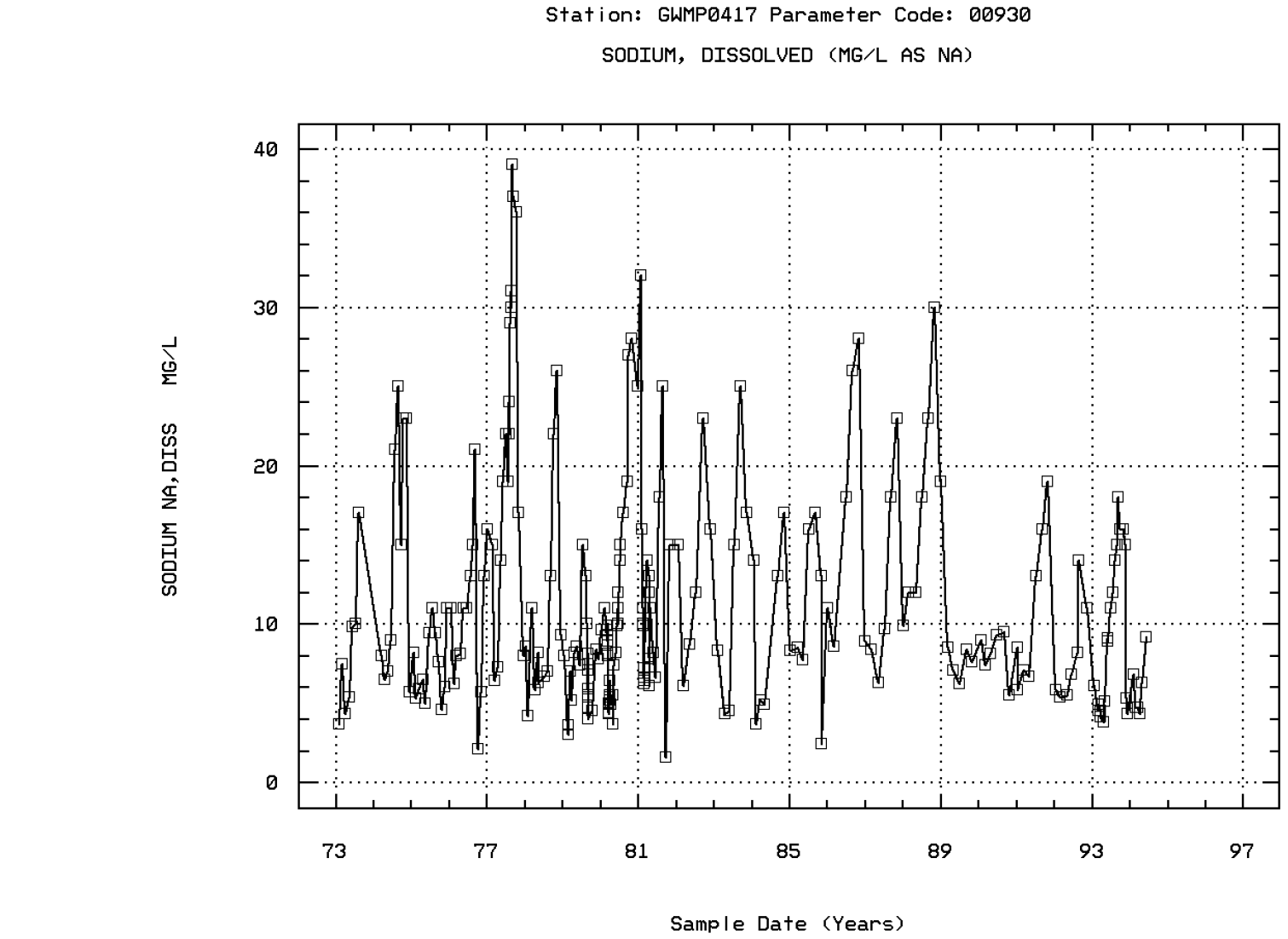
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00925

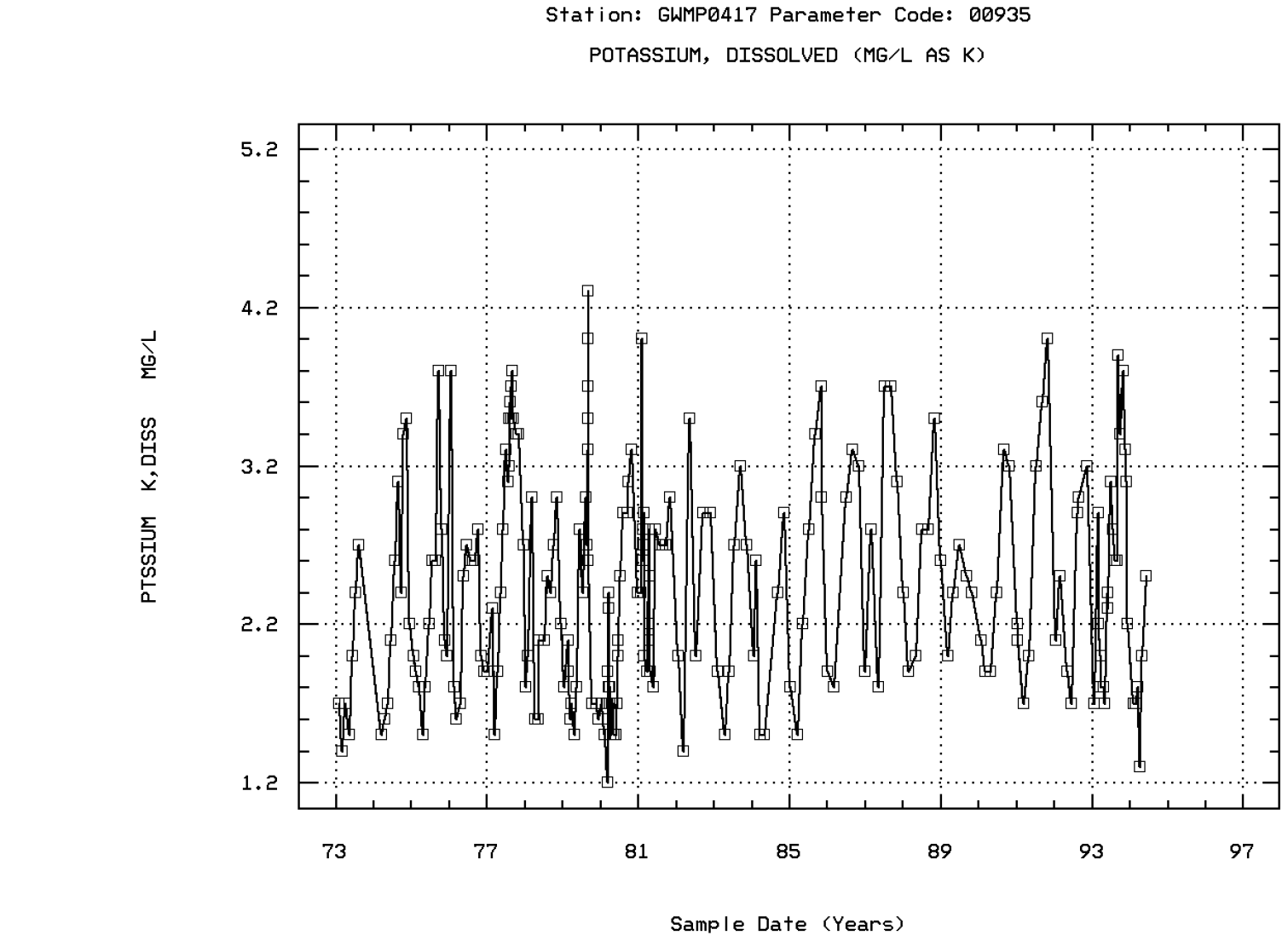
MAGNESIUM, DISSOLVED (MG/L AS MG)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC



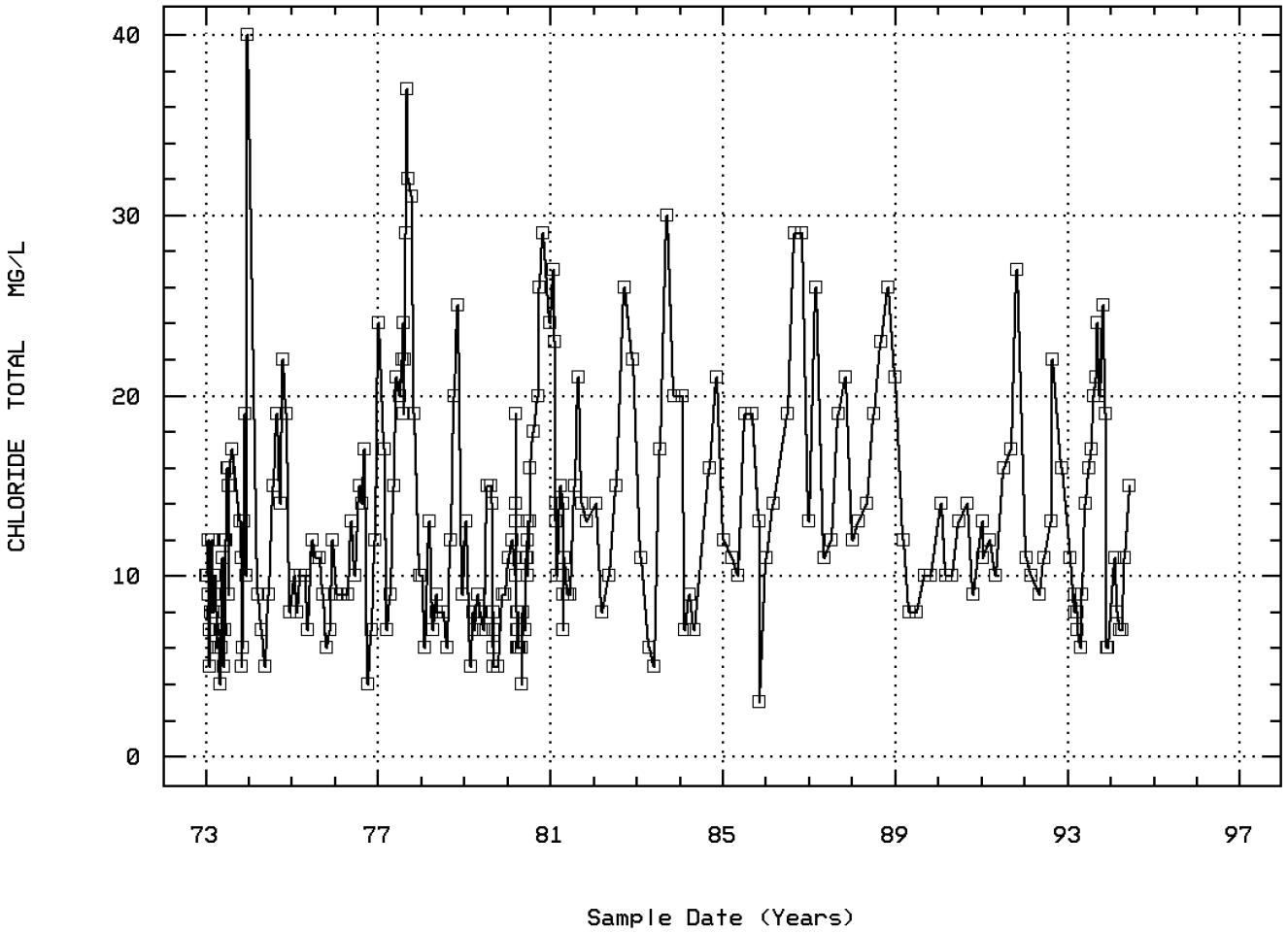
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC



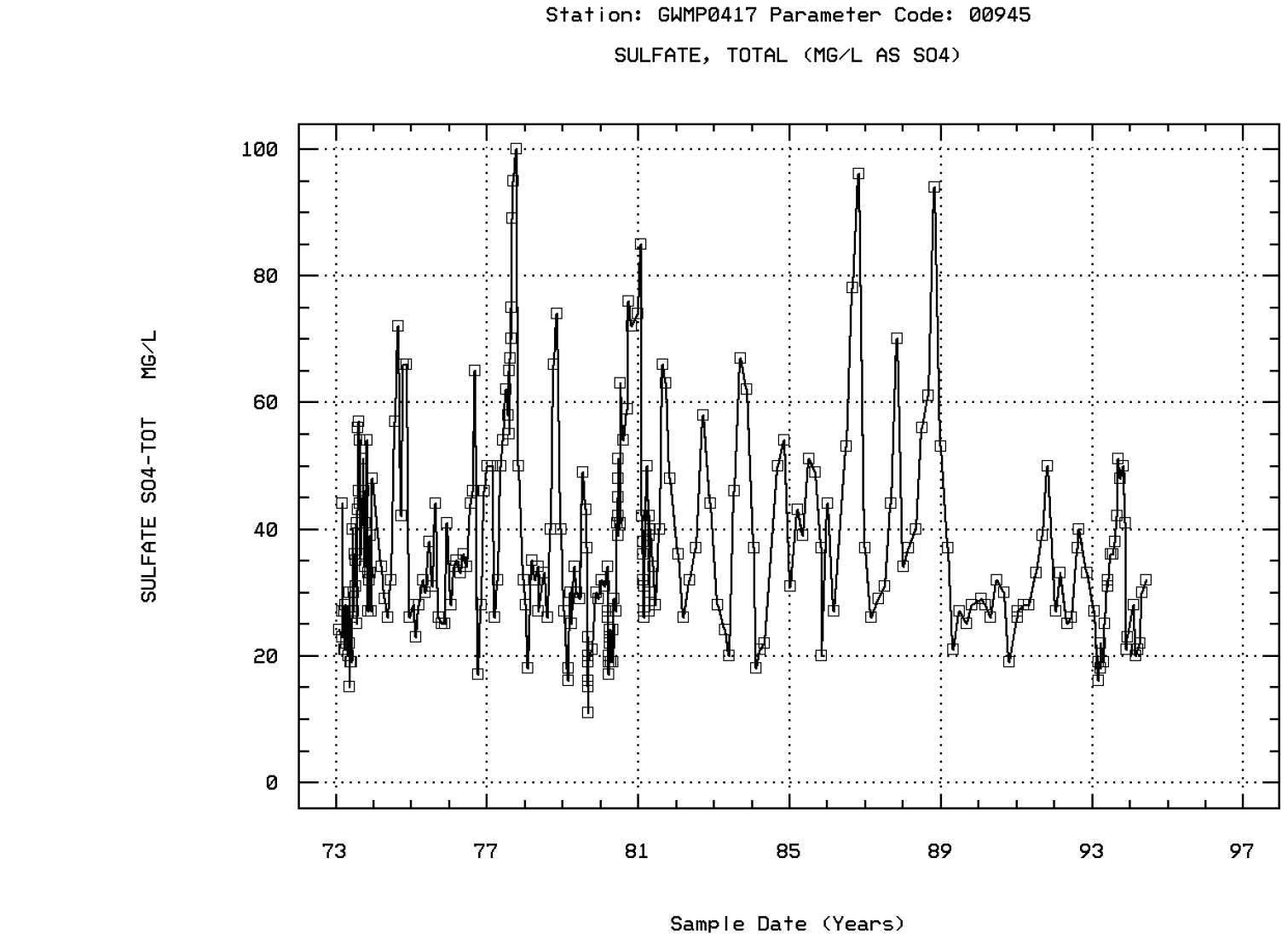
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



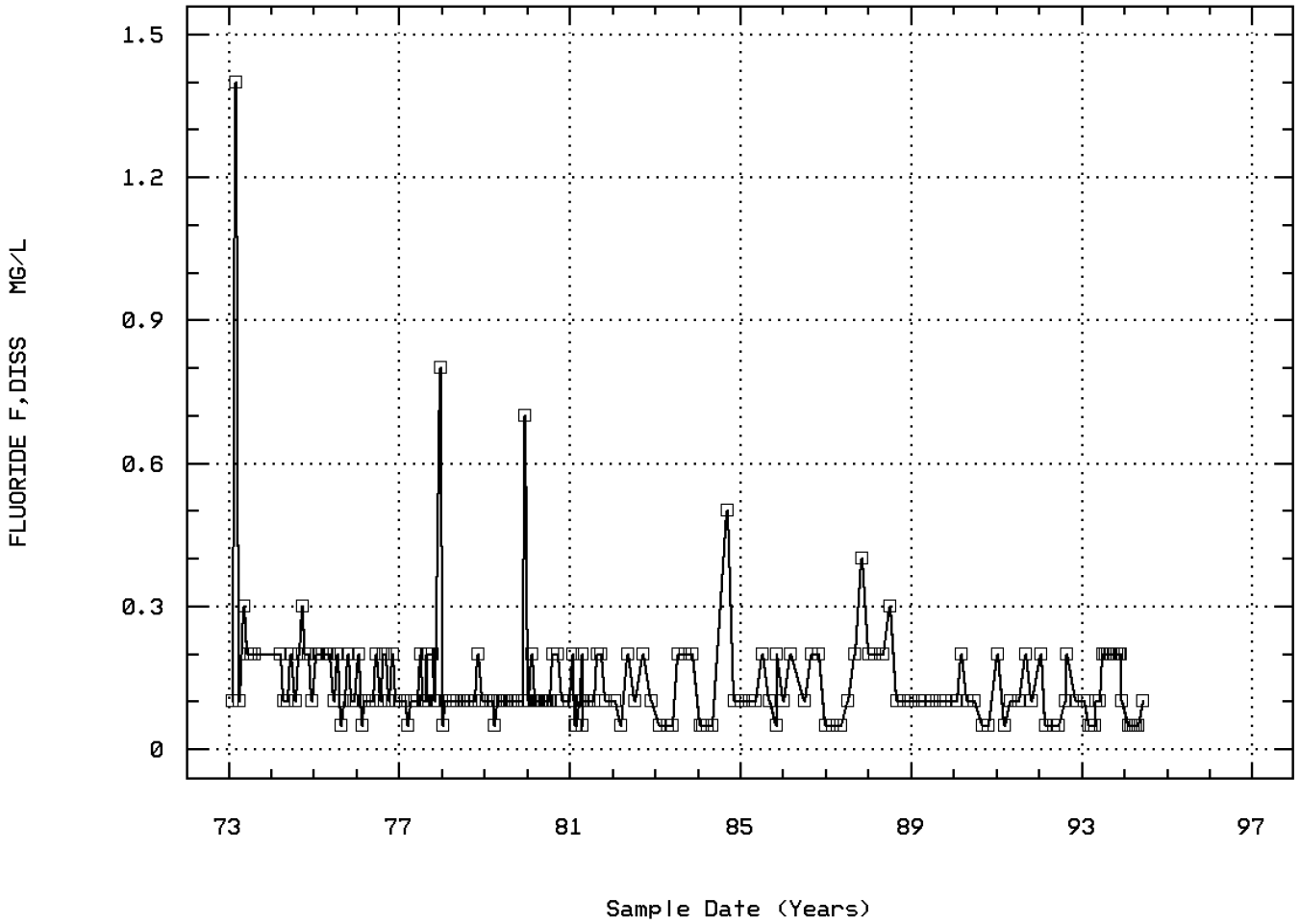
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00950

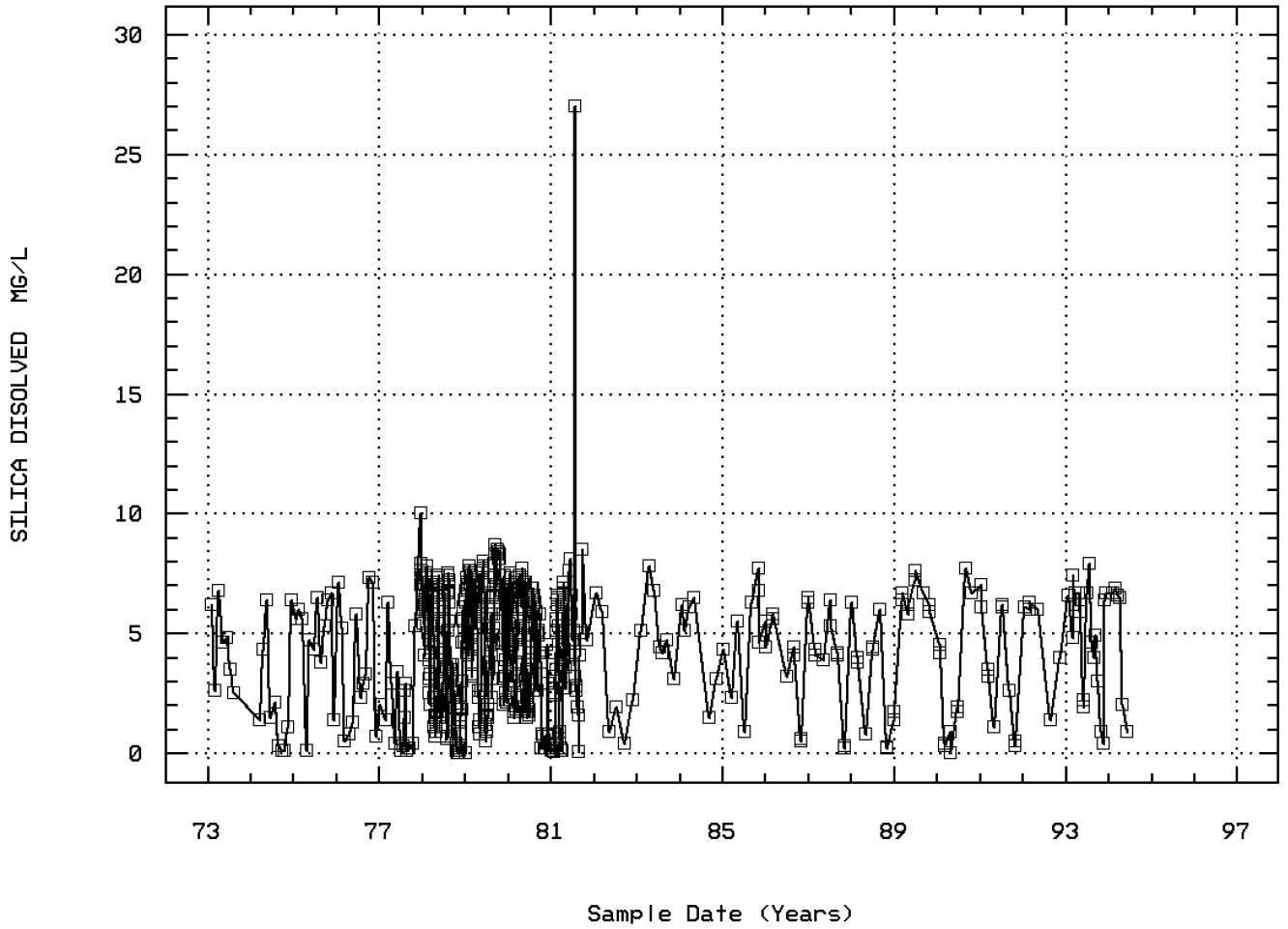
FLUORIDE, DISSOLVED (MG/L AS F)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00955

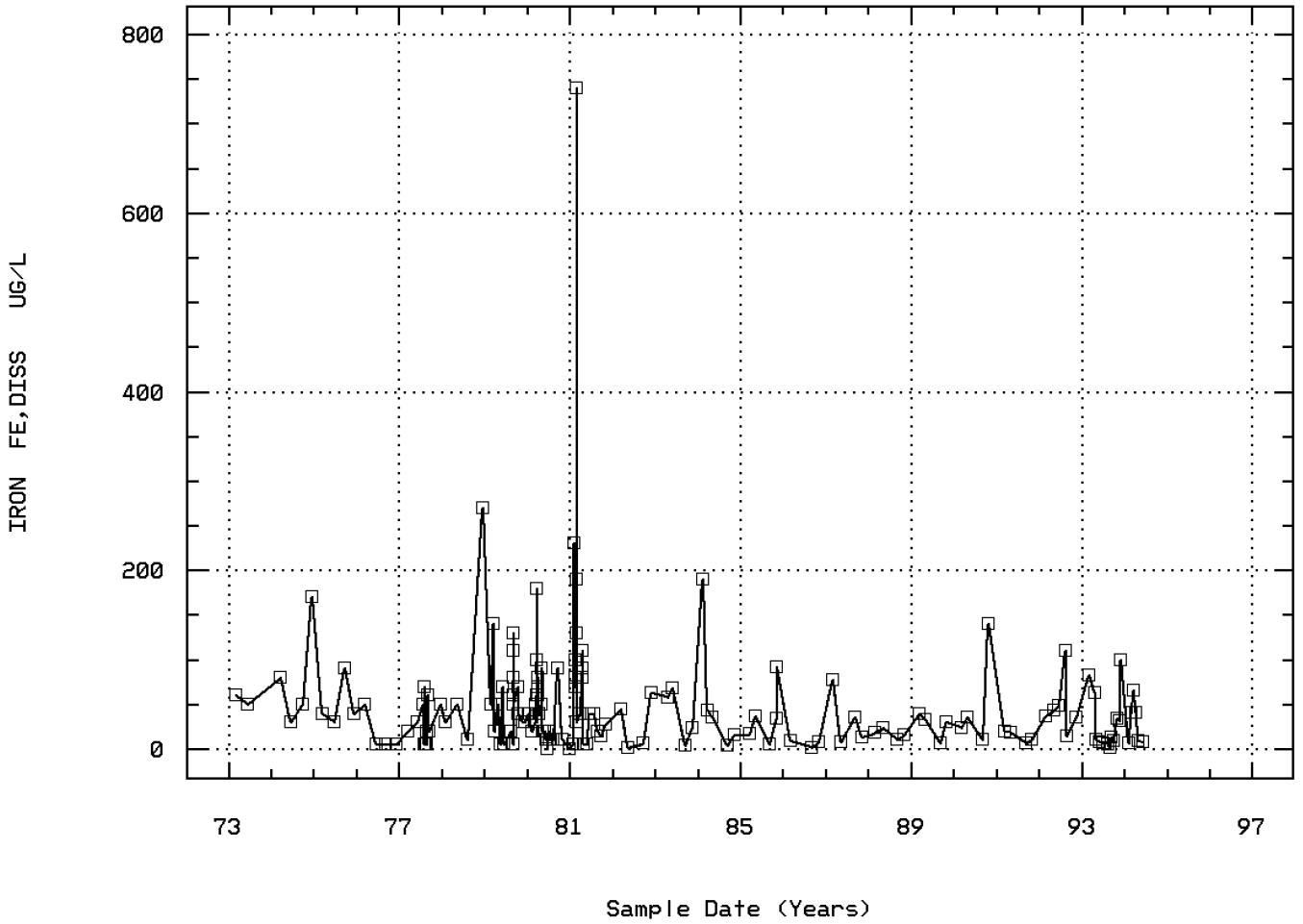
SILICA, DISSOLVED (MG/L AS SI02)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01046

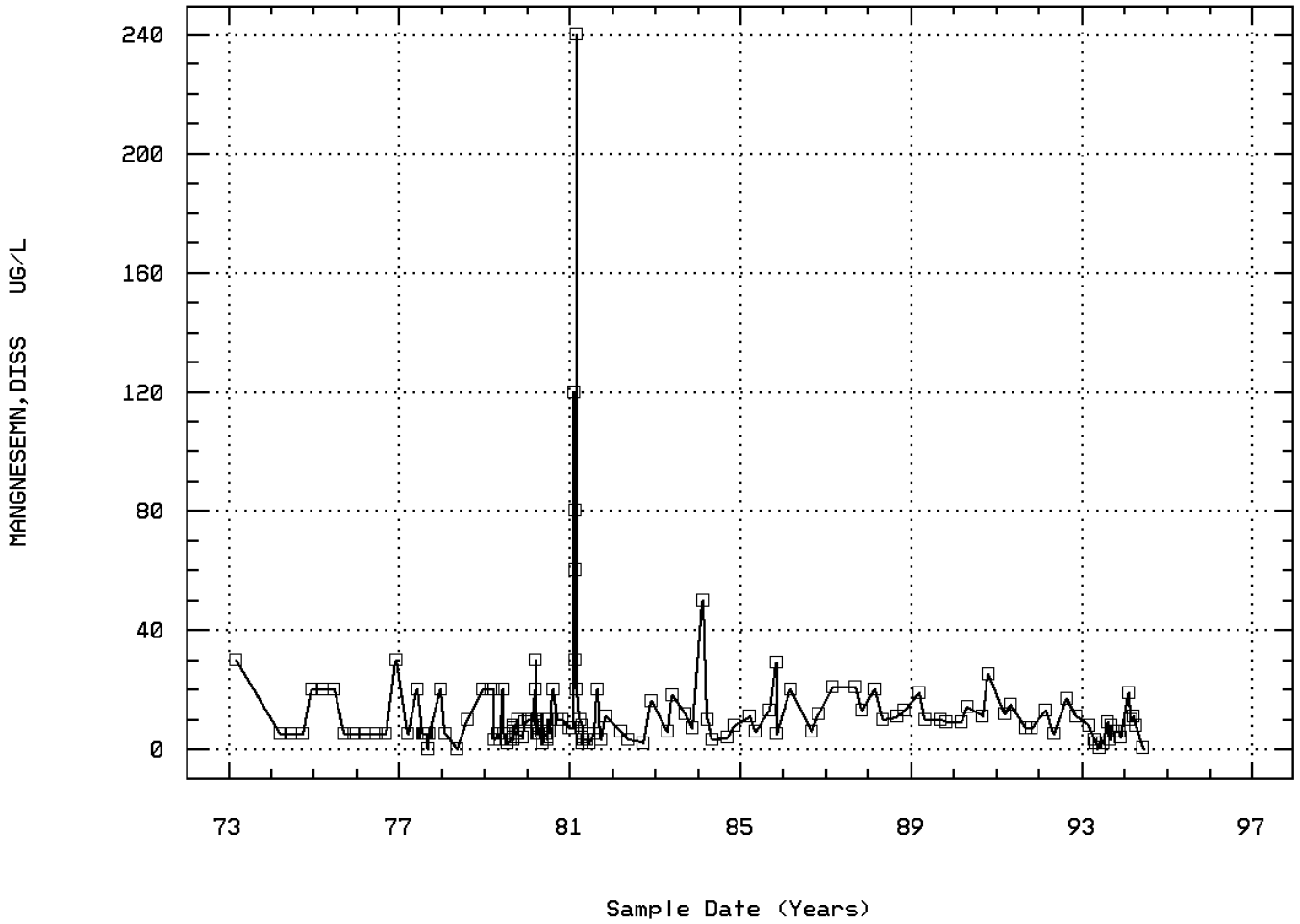
IRON, DISSOLVED (UG/L AS FE)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01056

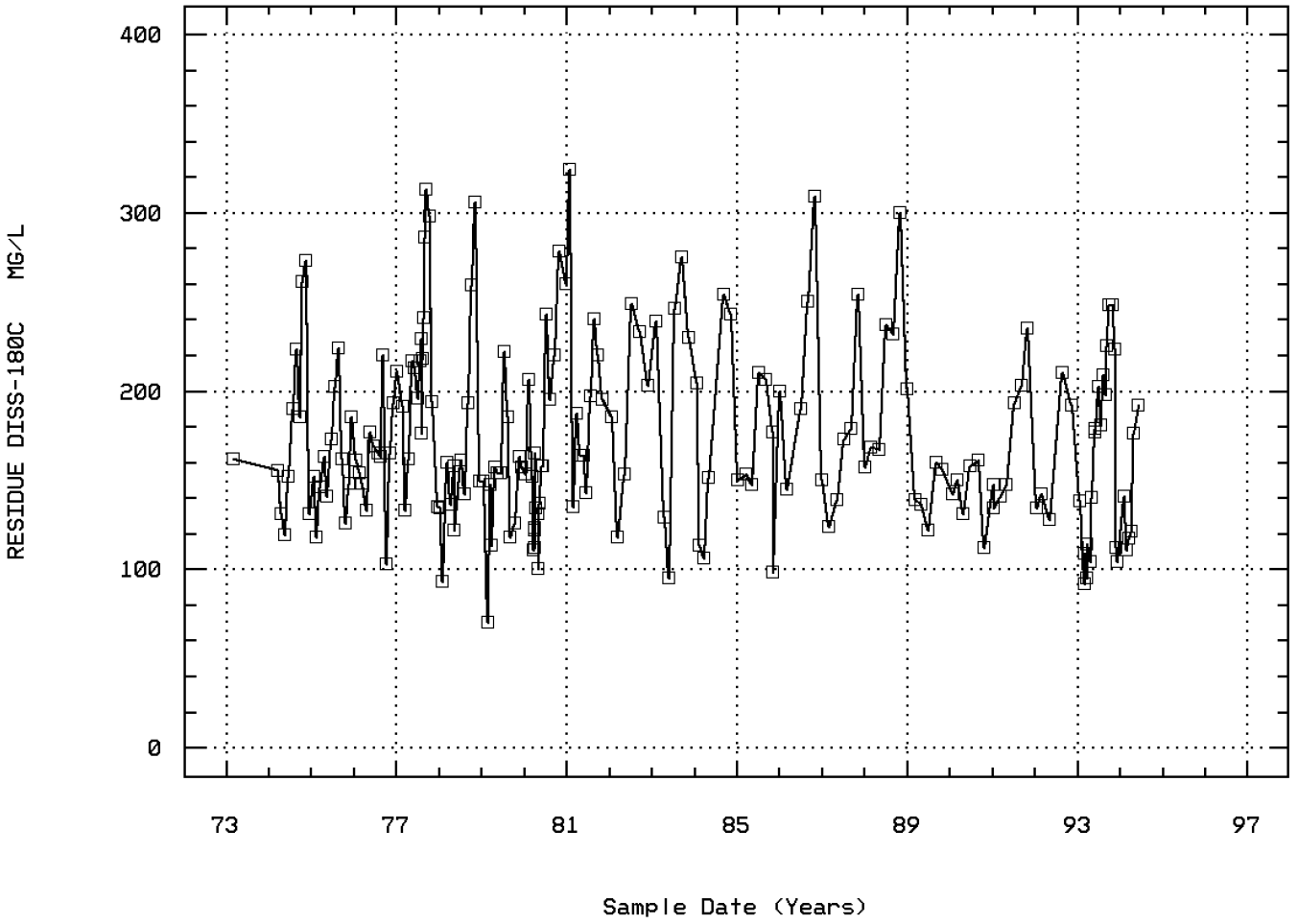
MANGANESE, DISSOLVED (UG/L AS MN)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Annual Analysis for 1973 - Station GWMP0417

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	217		14.5	14.565	28.5	0.	57.465	7.581	4.5	8.25	22.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	167		16.5	15.283	52.	-3.3	75.441	8.686	3.5	9.	22.	25.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	11		10100.	18908.182	63500.	3090.	404129256.364	20102.966	3284.	4440.	23000.	60880.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	195		27.	48.933	450.	6.	3753.155	61.263	12.	20.	49.	114.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	27		170.	189.963	324.	160.	2130.114	46.153	164.2	165.	177.	280.8
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	28		10.1	10.939	14.	10.	1.718	1.311	10.	10.1	12.1	13.08
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	198		7.9	8.055	9.	7.	0.151	0.388	7.7	7.8	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	198		7.9	7.912	9.	7.	0.171	0.413	7.7	7.8	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	198		0.013	0.012	0.1	0.001	0.	0.01	0.002	0.005	0.016	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	192		1.5	1.49	9.5	0.	1.234	1.111	0.3	0.9	1.8	2.27
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	195		71.	71.967	113.	0.6	412.447	20.309	45.	57.	89.	98.
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	7		94.	87.429	112.	53.	468.286	21.64	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	46		151.	158.283	235.	61.	1719.541	41.467	110.	128.75	189.	217.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	2		0.765	0.765	0.81	0.72	0.004	0.064	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	53		0.082	0.105	1.1	0.028	0.02	0.143	0.047	0.067	0.1	0.145
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	29		0.017	0.033	0.36	0.002	0.004	0.065	0.005	0.009	0.031	0.061
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	31		1.3	1.279	2.28	0.18	0.154	0.393	0.788	1.1	1.56	1.736
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	6		0.68	0.675	0.88	0.47	0.035	0.188	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	2		0.7	0.7	1.2	0.2	0.5	0.707	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	7		0.093	0.109	0.22	0.05	0.004	0.063	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	2		5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	198		102.	103.136	160.	15.	722.514	26.88	68.	82.	126.	136.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	198		31.	31.51	74.	11.	113.277	10.643	19.	24.	36.25	45.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	7		32.	30.857	36.	23.	28.143	5.305	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	7		7.3	7.2	11.	4.3	5.393	2.322	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	7		7.5	8.243	17.	3.7	21.17	4.601	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	7		0.3	0.343	0.7	0.2	0.033	0.181	**	**	**	**
00932	SODIUM, PERCENT	02/05/73-11/07/85	7		12.	13.143	22.	9.	21.81	4.67	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	7		1.7	1.914	2.7	1.4	0.231	0.481	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	43		9.	10.209	40.	1.	35.788	5.982	5.	7.	12.	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	48		32.5	34.313	57.	15.	132.475	11.51	20.9	25.25	43.75	54.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	7		0.2	0.357	1.4	0.1	0.216	0.465	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	7		4.6	4.429	6.8	2.5	2.809	1.676	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	1	##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	1	##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	2	##	12.5	12.5	25.	0.	312.5	17.678	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	2		1135.	1135.	1400.	870.	140450.	374.767	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	2		55.	55.	60.	50.	50.	7.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	2	##	53.5	53.5	100.	7.	4324.5	65.761	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	3		75.	60.	100.	5.	2425.	49.244	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	1		30.	30.	30.	30.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	2		215.	215.	400.	30.	68450.	261.63	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	8		6100.	12175.	43000.	1900.	194025000.	13929.286	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	1		162.	162.	162.	162.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	7		160.	147.143	190.	100.	1057.143	32.514	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	7		5100.	7781.429	17300.	1560.	41538280.952	6445.02	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	7		0.21	0.199	0.25	0.14	0.002	0.041	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	53		0.11	0.135	1.4	0.04	0.033	0.182	0.06	0.085	0.13	0.188
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	31		5.8	5.661	10.	0.8	2.996	1.731	3.52	4.9	6.9	7.64
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	29		0.06	0.109	1.2	0.	0.047	0.217	0.02	0.03	0.1	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	2	##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	7		38.	93.857	244.	22.	9545.143	97.699	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	7		1800.	11064.857	38600.	184.	291021983.81	17059.366	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0417

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	10		18.75	17.2	29.	4.5	76.4	8.741	4.85	8.75	25.375	28.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	9		21.	19.611	30.	4.5	89.361	9.453	4.5	10.	29.	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	10		6450.	8587.	28500.	2100.	66962445.556	8183.058	2130.	2490.	11700.	26910.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	10		7.5	17.9	80.	4.	517.656	22.752	4.2	6.75	20.	74.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	10		272.5	291.3	455.	195.	7931.344	89.058	195.5	206.	362.5	449.5
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	10		8.3	8.3	8.8	7.8	0.087	0.294	7.82	8.075	8.525	8.78
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	10		8.3	8.212	8.8	7.8	0.095	0.309	7.82	8.075	8.525	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	10		0.005	0.006	0.016	0.002	0.	0.004	0.002	0.003	0.008	0.015
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	10		0.7	0.84	1.6	0.3	0.138	0.372	0.33	0.6	1.125	1.56
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	10		74.	80.7	123.	53.	528.011	22.978	53.8	67.75	94.25	122.6
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	10		90.	98.3	150.	65.	785.789	28.032	65.9	82.25	115.	149.5
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	10		1.15	1.229	2.4	0.74	0.208	0.457	0.751	0.963	1.325	2.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	1		0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	1		0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	10		0.575	0.579	1.1	0.17	0.07	0.264	0.177	0.398	0.73	1.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	10		0.635	0.647	1.3	0.01	0.164	0.404	0.026	0.335	0.973	1.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	10		0.08	0.101	0.32	0.04	0.006	0.079	0.042	0.068	0.095	0.299
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	6		5.05	6.517	11.	3.5	9.966	3.157	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	10		105.	113.6	180.	78.	1060.933	32.572	78.5	92.	130.	178.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	10		34.	33.5	56.	21.	112.944	10.628	21.1	24.25	38.75	54.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	10		29.	32.5	52.	23.	94.5	9.721	23.2	26.5	37.5	51.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	10		8.25	8.	11.	5.	4.553	2.134	5.	6.275	9.7	10.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	10		12.	14.32	25.	5.7	63.013	7.938	5.78	6.875	23.	24.8
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	10		0.5	0.58	1.	0.3	0.075	0.274	0.3	0.3	0.825	0.99
00932	SODIUM, PERCENT	02/05/73-11/07/85	10		18.	19.7	32.	13.	45.789	6.767	13.	13.75	24.5	31.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	10		2.3	2.41	3.5	1.5	0.534	0.731	1.51	1.675	3.175	3.49
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	10		11.5	12.7	22.	5.	34.9	5.908	5.2	7.75	19.	21.7
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	10		38.	45.	72.	26.	336.889	18.355	26.	28.25	66.	71.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	10		0.2	0.17	0.3	0.1	0.005	0.067	0.1	0.1	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	10		1.45	2.37	6.4	0.1	6.02	2.454	0.1	0.25	4.825	6.4
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	4	##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	4	##	5.	5.	10.	0.	33.333	5.774	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	4	##	5.	5.	10.	0.	33.333	5.774	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	4		415.	1135.	3500.	210.	2511233.333	1584.687	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4		65.	82.5	170.	30.	3825.	61.847	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	4		10.	9.	12.	4.	12.	3.464	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	3		80.	116.667	210.	60.	6633.333	81.445	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	4		75.	105.	230.	40.	7366.667	85.829	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	##	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	4		30.	27.5	30.	20.	25.	5.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	10		39500.	40900.	100000.	1600.	1266295555.556	35585.047	1800.	6000.	77250.	98400.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	10		170.	182.	273.	119.	3008.444	54.849	120.2	131.	232.5	271.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	10		150.	164.8	250.	108.	2697.067	51.933	108.2	125.	210.	249.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	10		2895.	3500.	10100.	1050.	7271133.333	2696.504	1068.	1447.5	4340.	9617.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	10		0.23	0.248	0.37	0.16	0.006	0.075	0.162	0.18	0.315	0.369
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	10		93.5	92.1	100.	81.	66.544	8.157	81.	84.75	100.	100.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	10		5.1	5.47	11.	3.3	4.48	2.117	3.35	4.325	5.725	10.51
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	4	##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	10		20.	38.5	208.	8.	3621.389	60.178	8.3	11.	29.75	190.7
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	10		282.5	1907.9	16000.	62.	24593967.878	4959.231	65.4	99.	718.5	14490.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	12	13.75	15.125	27.5	0.5	90.233	9.499	2.	7.	25.875	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	16.5	16.958	31.	1.	106.294	10.31	2.5	7.625	28.5	30.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	13	9340.	16556.154	73800.	3820.	355748458.974	18861.295	4076.	6415.	16100.	57560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	12	9.5	18.333	80.	1.	467.515	21.622	1.9	5.75	27.5	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	12	260.	261.333	345.	195.	2111.333	45.949	199.5	220.25	303.75	336.
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.95	8.125	8.8	7.6	0.191	0.437	7.63	7.725	8.575	8.74
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.947	7.958	8.8	7.6	0.222	0.471	7.63	7.725	8.575	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	12	0.011	0.011	0.025	0.002	0.	0.008	0.002	0.003	0.019	0.024
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	12	1.75	1.483	2.8	0.3	0.852	0.923	0.33	0.525	2.175	2.74
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	12	76.	79.25	112.	57.	319.841	17.884	57.	67.	91.5	110.5
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	12	93.	96.75	137.	69.	474.75	21.789	69.3	82.	111.5	134.9
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	12	1.3	1.358	2.	1.	0.081	0.284	1.03	1.125	1.55	1.91
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	12	0.395	0.454	0.88	0.2	0.044	0.211	0.2	0.285	0.615	0.82
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	12	0.9	0.899	1.4	0.41	0.098	0.313	0.449	0.63	1.1	1.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	12	0.08	0.1	0.29	0.02	0.005	0.074	0.026	0.055	0.13	0.257
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	2	5.85	5.85	6.1	5.6	0.125	0.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	12	105.	107.917	150.	78.	538.629	23.208	79.2	87.5	127.5	147.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	12	26.5	28.667	43.	19.	64.606	8.038	19.3	22.	37.	42.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	12	30.5	31.083	43.	23.	43.356	6.585	23.3	25.5	35.75	42.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	12	7.	7.358	9.9	5.	2.868	1.694	5.12	5.85	9.15	9.72
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	12	7.05	7.492	11.	4.6	5.23	2.287	4.72	5.45	9.4	11.
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	12	0.3	0.325	0.4	0.2	0.006	0.075	0.2	0.3	0.4	0.4
00932	SODIUM, PERCENT	02/05/73-11/07/85	12	13.	12.667	15.	10.	2.788	1.67	10.3	11.	14.	15.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	12	2.05	2.258	3.8	1.5	0.381	0.617	1.59	1.825	2.6	3.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	12	10.	9.417	12.	6.	4.083	2.021	6.3	7.25	11.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	12	29.	30.917	44.	23.	45.356	6.735	23.6	25.25	36.5	43.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	12	0.2	0.154	0.2	0.05	0.003	0.058	0.065	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	12	5.45	4.7	6.7	0.1	4.256	2.063	0.49	3.925	6.3	6.64
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	4 ##	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	4 ##	0.	2.5	10.	0.	25.	5.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	4	960.	917.5	1600.	150.	481891.667	694.184	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	40.	50.	90.	30.	733.333	27.08	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	4	7.5	7.	10.	3.	10.	3.162	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	4	50.	45.	80.	0.	1366.667	36.968	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	4	65.	58.75	100.	5.	1706.25	41.307	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4 ##	12.5	12.5	20.	5.	75.	8.66	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	4 ##	10.	12.5	20.	10.	25.	5.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	12	6750.	19210.	62000.	820.	489764836.364	22130.631	874.	1625.	31250.	60500.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	12	157.	161.667	224.	118.	938.061	30.628	120.4	142.25	182.	217.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	12	135.	140.083	181.	110.	643.72	25.372	110.	120.	165.	180.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	12	4665.	6623.333	25100.	2080.	42316642.424	6505.124	2149.	3285.	5980.	21500.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	12	0.215	0.219	0.3	0.16	0.002	0.041	0.163	0.193	0.248	0.291
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	9	98.	97.778	100.	93.	8.194	2.863	93.	95.5	100.	100.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	12	5.75	6.	8.8	4.6	1.525	1.235	4.69	5.05	6.7	8.47
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	10	31.	51.1	216.	12.	3620.767	60.173	12.4	19.	58.25	200.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	10	921.	5428.5	43000.	145.	176481685.833	13284.641	161.4	389.25	2365.	39229.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	13	22.3	16.292	27.5	0.5	99.069	9.953	1.7	6.	24.5	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	21.	18.275	34.5	-3.5	148.089	12.169	2.8	0.125	29.	33.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	13	7900.	12862.308	80800.	1730.	434910869.231	20854.517	1838.	3020.	10895.	55040.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	12	4.	12.25	74.	3.	404.75	20.118	3.	3.	10.	57.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	13	285.	290.385	385.	160.	3489.423	59.071	196.	255.	325.	383.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	13	8.1	8.385	9.	8.	0.188	0.434	8.	8.	8.9	8.96
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	13	8.1	8.226	9.	8.	0.215	0.464	8.	8.	8.9	8.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	13	0.008	0.006	0.01	0.001	0.	0.004	0.001	0.001	0.01	0.01
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	12	1.	0.9	1.8	0.1	0.34	0.583	0.13	0.225	1.3	1.74
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	12	77.5	77.	98.	43.	218.727	14.789	48.7	70.	89.25	96.2
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	12	94.5	94.	120.	52.	329.818	18.161	59.2	85.25	109.	117.6
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	13	1.3	1.434	2.2	0.77	0.209	0.457	0.81	1.1	1.8	2.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	13	0.7	0.713	1.3	0.2	0.116	0.34	0.236	0.43	0.96	1.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	13	0.64	0.734	1.7	0.01	0.331	0.575	0.034	0.095	1.3	1.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	13	0.07	0.098	0.29	0.04	0.004	0.066	0.044	0.06	0.12	0.234
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	4	9.85	10.675	19.	4.	39.289	6.268	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	12	105.	106.917	140.	63.	448.447	21.177	71.7	93.5	127.5	137.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	12	31.	29.917	45.	11.	78.992	8.888	13.7	26.	36.25	42.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	12	31.	31.25	42.	19.	35.295	5.941	21.1	27.5	35.75	40.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	12	7.2	6.975	9.5	3.1	3.758	1.939	3.31	6.175	8.4	9.41
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	12	11.	10.425	21.	2.1	24.344	4.934	3.18	6.65	13.	19.2
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	12	0.45	0.458	0.8	0.1	0.035	0.188	0.16	0.325	0.575	0.77
00932	SODIUM, PERCENT	02/05/73-11/07/85	12	16.	16.417	26.	6.	33.174	5.76	7.2	13.25	20.	25.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	12	2.55	2.383	3.8	1.6	0.385	0.621	1.63	1.825	2.675	3.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	12	9.5	10.667	17.	4.	13.333	3.651	4.9	9.	13.75	16.4
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	12	34.5	37.167	65.	17.	145.061	12.044	20.3	29.25	45.5	59.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	12	0.1	0.138	0.2	0.05	0.003	0.057	0.065	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	12	3.1	3.692	7.3	0.5	7.174	2.678	0.56	0.925	6.775	7.24
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	5 ##	0.	0.6	2.	0.	0.8	0.894	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	5 ##	10.	8.	10.	0.	20.	4.472	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	5 ##	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	5	400.	540.	980.	220.	118150.	343.73	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4 ##	5.	16.25	50.	5.	506.25	22.5	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	5	8.	36.8	150.	7.	4006.7	63.298	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	3	100.	80.	120.	20.	2800.	52.915	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	5	100.	90.	180.	20.	4400.	66.332	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4 ##	5.	11.25	30.	5.	156.25	12.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	5 ##	10.	26.	90.	0.	1330.	36.469	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	3	330.	1419.333	3900.	28.	4638081.333	2153.621	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	3	2.519	2.519	3.591	1.447	1.149	1.072	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			330.303								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	2	369.5	369.5	670.	69.	180600.5	424.971	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	2	2.332	2.332	2.826	1.839	0.487	0.698	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			215.012								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	12	25500.	32479.167	120000.	250.	1238825208.333	35196.949	505.	3100.	54000.	103200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	12	164.	162.583	220.	103.	836.083	28.915	112.	149.5	175.	211.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	12	150.	149.	210.	81.	988.909	31.447	94.8	132.5	160.	201.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	12	3540.	4962.5	22500.	920.	33502475.	5788.132	953.	1955.	5085.	17796.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	12	0.22	0.22	0.3	0.14	0.002	0.039	0.152	0.203	0.238	0.288
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	5	88.	90.8	97.	87.	23.2	4.817	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	13	5.9	6.408	9.9	3.4	4.184	2.046	3.6	4.85	7.95	9.86
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	5	33.	82.6	305.	10.	15673.3	125.193	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	5	881.	13794.	66500.	203.	868217386.5	29465.529	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	18	21.25	18.889	28.5	0.	92.075	9.596	0.9	13.375	27.125	27.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	18	23.	18.722	29.	-5.	106.683	10.329	3.4	10.75	28.5	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	22	3505.	10484.545	41100.	1340.	174931854.545	13226.181	1488.	2025.	15025.	39930.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	18	6.	11.222	55.	1.	244.065	15.623	1.	3.	11.25	50.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	18	355.5	349.667	486.	210.	6042.706	77.735	215.4	310.	391.75	461.7
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	18	8.2	8.167	8.9	7.6	0.06	0.245	7.96	8.	8.2	8.36
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	18	8.2	8.106	8.9	7.6	0.064	0.253	7.96	8.	8.2	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	18	0.006	0.008	0.025	0.001	0.	0.005	0.005	0.006	0.01	0.012
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	18	1.	1.056	2.	0.2	0.153	0.391	0.83	0.9	1.125	1.91
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	18	75.5	75.556	110.	42.	283.673	16.843	44.7	66.25	84.	99.2
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	18	92.5	91.944	128.	51.	396.526	19.913	54.6	81.	102.5	120.8
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	15	1.2	1.133	1.7	0.58	0.113	0.336	0.64	0.8	1.3	1.64
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	3	0.12	0.09	0.12	0.03	0.003	0.052	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	8	0.37	0.425	0.89	0.2	0.046	0.215	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	5	0.24	0.28	0.83	0.	0.116	0.34	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	20	0.7	0.725	1.4	0.13	0.134	0.367	0.183	0.48	0.988	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	18	0.16	0.458	1.6	0.01	0.306	0.553	0.019	0.055	0.828	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	5	1.4	1.48	1.7	1.3	0.027	0.164	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	23	0.08	0.108	0.51	0.01	0.011	0.107	0.034	0.06	0.1	0.258
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	8	0.05	0.048	0.09	0.01	0.001	0.023	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	11	6.	6.436	8.4	4.8	1.435	1.198	4.88	5.3	7.2	8.34
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	18	130.	124.111	160.	75.	541.281	23.265	78.6	110.	142.5	151.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	18	47.5	47.889	70.	31.	131.869	11.483	32.8	37.75	53.25	67.3
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	18	34.5	34.278	44.	22.	37.977	6.163	22.9	31.	38.25	43.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	18	9.5	9.178	12.	4.8	4.112	2.028	5.16	8.	10.	12.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	18	20.5	21.761	39.	6.4	103.201	10.159	7.21	14.75	30.25	37.2
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	18	0.9	0.8	1.4	0.3	0.087	0.295	0.3	0.6	1.	1.04
00932	SODIUM, PERCENT	02/05/73-11/07/85	18	27.	25.889	36.	12.	59.046	7.684	14.7	19.	33.	35.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	18	3.25	2.972	3.8	1.5	0.49	0.7	1.86	2.375	3.5	3.71
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	18	21.5	21.5	37.	7.	67.206	8.198	8.8	16.5	29.	32.5
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	18	56.5	60.	100.	26.	426.941	20.663	31.4	50.	71.25	95.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	18	0.1	0.164	0.8	0.05	0.028	0.166	0.095	0.1	0.2	0.26
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	22	2.3	3.191	10.	0.1	10.012	3.164	0.13	0.375	6.475	7.81
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	11 ##	0.	0.455	2.	0.	0.673	0.82	0.	0.	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	11 ##	10.	12.727	30.	5.	56.818	7.538	5.	10.	20.	28.
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	11	7.	6.909	11.	4.	4.891	2.212	4.2	5.	8.	10.8
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	11	650.	1468.182	4900.	390.	2892416.364	1700.711	406.	490.	1400.	4880.
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	11	20.	30.455	70.	5.	547.273	23.394	5.	5.	50.	68.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	13	130.	147.538	480.	30.	14901.603	122.072	32.4	60.	205.	384.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	11	110.	108.182	170.	60.	936.364	30.6	64.	90.	120.	164.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	11	120.	115.455	190.	70.	1007.273	31.738	72.	100.	120.	180.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	11 ##	5.	7.273	20.	0.	41.818	6.467	1.	5.	5.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	11	20.	27.273	50.	20.	101.818	10.09	20.	20.	30.	48.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	18	24.5	1017.111	11000.	2.	7020334.693	2649.591	3.8	7.75	490.	4250.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	18	1.361	1.781	4.041	0.301	1.251	1.119	0.572	0.889	2.535	3.594
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			60.42								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	18	1100.	4167.778	25000.	16.	56866429.712	7540.983	52.9	390.	2825.	23200.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	18	3.04	3.004	4.398	1.204	0.73	0.855	1.701	2.561	3.451	4.365
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1009.212								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	14	39000.	41851.429	120000.	950.	861404182.418	29349.688	960.	23750.	53750.	93000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	18	215.	215.056	313.	133.	2467.703	49.676	134.8	187.25	241.	299.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	18	200.	197.667	280.	99.	2343.294	48.408	114.3	180.	220.	271.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	18	1440.	3223.667	15000.	996.	14296249.059	3781.038	1080.6	1137.5	3300.	10500.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	18	0.295	0.294	0.43	0.18	0.005	0.069	0.18	0.255	0.33	0.412
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	14	91.	87.571	100.	45.	223.187	14.939	60.	81.25	100.	100.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	15	5.4	5.073	7.7	2.6	2.351	1.533	2.84	3.5	5.8	7.46
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	10 ##	0.25	0.205	0.5	0.	0.023	0.152	0.	0.038	0.25	0.475

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	19	23.	59.842	404.	3.	9564.474	97.798	6.	16.	50.	219.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	18	158.	2213.056	13600.	61.	17628551.938	4198.637	65.5	87.25	2122.5	11530.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	39	12.5	11.151	26.5	0.	46.873	6.846	2.7	4.8	14.5	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	16.5	14.875	29.5	-1.5	94.324	9.712	2.	2.	20.	29.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	177	8344.	15664.876	109500.	1243.	449849376.7	21209.653	1990.	5197.5	16290.	34994.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/73-05/15/78	6	25.	37.	95.	7.	1252.	35.384	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	7.5	13.167	42.	2.	218.167	14.77	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	40	448.	375.45	561.	162.	16811.485	129.659	213.4	249.25	501.25	516.9
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	34	12.45	12.462	15.7	7.1	5.754	2.399	9.05	10.75	14.75	15.55
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	28	5.7	5.796	10.9	2.4	3.829	1.957	3.52	4.525	6.275	9.08
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	27	4.6	4.952	10.9	2.4	3.797	1.949	2.8	3.9	5.4	7.26
00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	27	1.	0.896	2.9	0.	0.862	0.928	0.	0.	1.6	2.08
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	40	8.3	8.22	8.6	7.5	0.107	0.328	7.71	7.925	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	40	8.3	8.087	8.6	7.5	0.125	0.354	7.71	7.925	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	40	0.005	0.008	0.032	0.003	0.	0.007	0.003	0.003	0.012	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	6	2.6	2.45	3.5	1.3	0.635	0.797	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	12	74.	78.417	140.	37.	776.992	27.875	43.	60.5	88.25	134.
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	6	77.	75.5	94.	45.	317.9	17.83	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	10	1.65	1.78	3.1	1.1	0.428	0.655	1.11	1.275	2.225	3.05
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	10	0.55	0.703	1.4	0.3	0.159	0.399	0.302	0.448	0.987	1.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	12	0.035	0.061	0.24	0.01	0.005	0.068	0.01	0.013	0.093	0.207
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	173	0.3	0.351	1.2	0.08	0.034	0.184	0.2	0.245	0.405	0.556
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	161	0.21	0.261	1.7	0.	0.074	0.271	0.	0.08	0.355	0.518
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	165	0.52	0.601	2.2	0.15	0.131	0.363	0.276	0.36	0.685	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	12	1.15	1.095	1.7	0.46	0.157	0.396	0.481	0.768	1.45	1.64
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	166	0.9	0.987	2.5	0.2	0.241	0.491	0.4	0.6	1.225	1.73
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	167	0.05	0.087	0.63	0.02	0.008	0.091	0.03	0.04	0.08	0.182
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	176	0.02	0.028	0.2	0.	0.001	0.027	0.01	0.01	0.04	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	7	3.9	5.286	8.	3.2	5.041	2.245	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	4	3.5	3.45	5.6	1.2	4.037	2.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	12	100.	114.	200.	65.	1501.273	38.746	70.4	94.5	120.	194.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	12	29.5	35.417	58.	25.	144.083	12.003	25.6	28.	44.25	58.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	12	30.5	33.333	58.	20.	110.97	10.534	21.5	28.	34.	55.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	12	6.5	7.467	13.	3.7	8.273	2.876	4.06	6.	8.5	13.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	12	8.4	10.675	26.	4.2	45.008	6.709	4.68	6.4	12.5	24.8
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	12	0.35	0.417	0.8	0.2	0.032	0.18	0.23	0.3	0.5	0.77
00932	SODIUM, PERCENT	02/05/73-11/07/85	12	14.5	15.583	22.	11.	13.356	3.655	11.3	12.25	18.75	21.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	12	2.15	2.25	3.	1.6	0.234	0.483	1.6	1.85	2.65	3.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	12	9.	11.083	25.	6.	34.083	5.838	6.	7.25	12.75	23.5
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	12	33.5	37.75	74.	18.	267.114	16.344	20.4	27.25	40.	71.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	12	0.1	0.104	0.2	0.05	0.001	0.033	0.065	0.1	0.1	0.17
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	176	3.3	3.763	7.8	0.	5.483	2.342	0.9	1.7	6.1	7.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	4	2.	3.75	10.	1.	18.25	4.272	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	4 ##	10.	11.25	20.	5.	39.583	6.292	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	4	7.5	8.	17.	0.	50.	7.071	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	4	2450.	2177.5	3500.	310.	2396691.667	1548.125	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	40.	90.	270.	10.	14666.667	121.106	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	5	27.	31.6	63.	13.	401.8	20.045	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	4	115.	185.	500.	10.	46566.667	215.793	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	4	125.	195.	500.	30.	43366.667	208.247	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	7.5	8.75	20.	0.	72.917	8.539	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	4	40.	57.5	120.	30.	1825.	42.72	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	12	110.	1180.833	11000.	8.	9743100.515	3121.394	8.3	17.25	530.	8150.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	12	2.025	2.116	4.041	0.903	0.915	0.957	0.918	1.205	2.724	3.782
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			130.492								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	12	305.	4600.833	48000.	80.	187252971.97	13684.041	128.	245.	1492.5	34290.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	12	2.484	2.791	4.681	1.903	0.518	0.72	2.046	2.389	3.158	4.285
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			618.663								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	7	5400.	5385.714	20000.	0.	50481428.571	7105.028	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	12	153.5	167.75	306.	93.	3556.386	59.635	101.7	134.5	185.	291.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	12	134.5	151.333	284.	82.	3345.879	57.844	91.3	117.	163.5	272.9
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	12	5545.	6546.667	22900.	1280.	40966787.879	6400.53	1304.	1500.	9902.5	19840.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	12	0.205	0.228	0.42	0.13	0.007	0.081	0.142	0.183	0.25	0.399
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	10	100.	96.4	100.	84.	32.711	5.719	84.6	91.5	100.	100.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	5	0.12	0.15	0.21	0.12	0.002	0.042	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	10	7.3	7.92	14.	4.8	9.297	3.049	4.83	5.475	9.825	13.8
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	171	18.	57.076	565.	2.	9337.071	96.629	7.	12.	39.	185.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	165	293.	6345.358	167000.	39.	420762511.621	20512.496	72.2	161.	1745.	13880.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	27	0.07	0.116	0.48	0.	0.022	0.149	0.	0.	0.14	0.39
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	27	0.11	0.111	0.17	0.06	0.001	0.034	0.068	0.08	0.14	0.162
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	15	9.8	8.651	14.2	0.97	14.047	3.748	1.228	6.5	11.5	12.82

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Annual Analysis for 1979 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	148	10.8	12.68	30.7	0.2	94.274	9.709	0.79	2.625	22.475	24.73
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	13	16.	15.246	28.8	2.4	74.826	8.65	2.84	7.5	22.25	27.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	161	22540.	40492.857	204000.	3000.	2330018860.536	48270.269	5160.	10500.	54060.	94820.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	12	6.5	30.917	150.	1.	2212.083	47.033	1.	3.25	55.	132.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	150	214.5	222.967	460.	81.	4044.475	63.596	140.	177.75	266.25	298.9
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	121	11.8	11.755	18.8	0.	8.929	2.988	8.3	9.2	14.6	15.4
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	92	0.	-0.003	0.2	-0.4	0.002	0.048	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	98	4.75	5.743	16.5	0.	12.227	3.497	2.6	3.175	6.925	11.93
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	42	3.75	4.764	14.	1.1	7.326	2.707	2.3	2.8	6.05	8.46
00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	41	2.	2.312	8.6	0.	3.775	1.943	0.	0.65	3.1	4.66
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	127	8.	8.028	8.9	7.4	0.105	0.324	7.7	7.8	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	127	8.	7.928	8.9	7.4	0.115	0.339	7.7	7.8	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	127	0.01	0.012	0.04	0.001	0.	0.007	0.003	0.006	0.016	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	5	0.6	1.22	2.6	0.5	0.947	0.973	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	22	67.5	64.091	87.	29.	279.706	16.724	34.5	50.5	77.	85.
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	17	308.	417.941	1030.	134.	70454.184	265.432	153.2	208.	622.5	819.6
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	24	2.05	2.308	4.7	1.2	1.086	1.042	1.2	1.525	3.075	4.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	46	0.5	0.692	2.6	0.04	0.384	0.619	0.187	0.278	0.867	1.82
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	42	0.01	0.04	0.31	0.	0.005	0.069	0.	0.	0.05	0.143
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	46	0.035	0.112	0.9	0.	0.051	0.226	0.01	0.01	0.08	0.317
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	41	0.01	0.016	0.12	0.	0.	0.02	0.	0.01	0.021	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	41	1.2	1.117	2.	0.15	0.183	0.428	0.408	0.91	1.35	1.6
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	140	0.33	0.399	2.2	0.	0.115	0.339	0.081	0.173	0.51	0.8
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	140	0.19	0.387	2.9	0.	0.252	0.502	0.	0.05	0.498	1.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	146	0.615	0.761	3.5	0.	0.35	0.592	0.21	0.338	0.992	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	24	1.2	1.2	2.	0.41	0.145	0.38	0.625	1.	1.4	1.75

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Annual Analysis for 1979 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	139	1.2	1.09	2.1	0.2	0.144	0.379	0.5	0.9	1.3	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	146	0.09	0.166	0.76	0.005	0.031	0.175	0.04	0.059	0.182	0.471
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	144	0.04	0.043	0.17	0.	0.001	0.026	0.014	0.022	0.059	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	19	0.02	0.021	0.04	0.	0.	0.015	0.	0.005	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	16	6.65	7.075	13.	1.6	13.607	3.689	2.09	4.1	10.675	12.3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	17	5.2	4.906	8.1	2.1	2.769	1.664	2.18	3.4	6.15	6.82
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	22	90.5	87.773	120.	43.	507.041	22.518	57.2	68.75	110.	120.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	22	25.	23.818	38.	6.	106.537	10.322	6.9	14.	33.	37.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	22	27.	26.045	35.	13.	39.665	6.298	17.3	21.	32.25	34.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	22	5.35	5.532	9.6	2.5	3.084	1.756	3.46	3.9	6.825	7.89
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	22	7.25	7.177	15.	3.	8.329	2.886	3.72	5.075	8.25	12.1
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	22	0.3	0.332	0.6	0.2	0.01	0.099	0.2	0.3	0.4	0.47
00932	SODIUM, PERCENT	02/05/73-11/07/85	22	15.	14.818	20.	10.	6.537	2.557	12.	12.75	16.25	18.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	22	2.5	2.559	4.3	1.5	0.772	0.879	1.6	1.7	3.3	3.91
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	22	7.5	8.227	15.	5.	10.279	3.206	5.	6.	9.	14.7
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	22	24.	25.318	49.	11.	92.703	9.628	15.	17.5	30.	41.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	21	0.1	0.126	0.7	0.05	0.017	0.132	0.1	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	144	6.05	5.493	8.7	0.	3.926	1.981	2.3	4.4	6.8	7.75
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	11 ##	0.	0.455	2.	0.	0.473	0.688	0.	0.	1.	1.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	11	20.	16.182	40.	0.	108.364	10.41	1.6	10.	20.	36.
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	11	4.	7.545	34.	1.	84.273	9.18	1.4	3.	9.	29.2
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	20	4400.	7788.5	24000.	130.	67966223.947	8244.163	304.	632.5	14750.	22700.
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	21	50.	52.19	140.	1.	1593.762	39.922	5.	20.	75.	126.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	11	13.	31.091	130.	4.	1377.691	37.117	4.6	8.	38.	115.8
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	21	170.	340.048	1200.	1.	132686.048	364.261	20.	50.	640.	954.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	21	190.	346.667	1200.	10.	132543.333	364.065	22.	50.	650.	962.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	21	5.	7.286	20.	2.	32.414	5.693	3.	3.5	8.5	20.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	11	30.	36.364	150.	10.	1605.455	40.068	10.	10.	40.	130.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	20	45.	80.	300.	30.	7115.789	84.355	30.	40.	75.	290.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	12	145.	1267.	11000.	7.	9734433.273	3120.005	7.6	42.	1195.	8210.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	12	2.155	2.208	4.041	0.845	0.884	0.94	0.878	1.622	2.994	3.798
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			161.463								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	11	360.	1272.182	7000.	4.	4759740.364	2181.683	27.2	140.	1100.	6360.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	11	2.556	2.549	3.845	0.602	0.722	0.85	0.897	2.146	3.041	3.792
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			353.998								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	31	2200.	9962.903	110000.	590.	461822934.624	21490.066	828.	1200.	5000.	33400.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	13	154.	147.308	222.	70.	1332.731	36.507	87.2	122.	160.	207.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	22	123.5	122.273	180.	63.	877.827	29.628	82.	99.	142.5	166.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	22	9520.	13386.364	37900.	1630.	122516633.766	11068.723	2527.	4247.5	18225.	35220.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	22	0.175	0.178	0.3	0.1	0.002	0.049	0.113	0.138	0.21	0.241
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	26	90.5	90.615	100.	71.	40.246	6.344	83.	86.	95.25	98.3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	42	0.01	0.05	0.4	0.	0.008	0.089	0.	0.	0.06	0.184
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	41	5.3	4.915	8.7	0.7	3.509	1.873	1.82	4.05	6.	7.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	41	0.03	0.051	0.39	0.	0.004	0.065	0.	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	23	0.43	0.824	2.3	0.	0.594	0.771	0.06	0.18	1.7	2.02
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	24	9.15	10.275	21.	5.1	22.487	4.742	5.2	6.85	14.	19.
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	11 ##	0.25	0.255	0.5	0.1	0.019	0.139	0.1	0.1	0.25	0.5
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	313	56.	180.588	1169.	1.	53907.519	232.18	11.4	24.	279.5	532.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	117	4380.	46833.872	358000.	25.	6135839637.751	78331.601	178.8	450.	58450.	160200.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	39	0.1	0.144	0.49	0.	0.017	0.131	0.	0.06	0.19	0.39
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	43	0.13	0.13	0.23	0.01	0.003	0.052	0.054	0.1	0.16	0.206
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	97	0.	0.095	2.	-0.69	0.153	0.392	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	36	7.55	6.841	14.7	0.	18.557	4.308	0.	3.025	9.6	12.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	109	12.3	15.11	32.2	0.	102.357	10.117	2.3	6.55	25.3	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	25	14.	16.2	29.5	2.5	71.188	8.437	5.	9.	24.	28.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	154	10200.	21122.143	76600.	1250.	469155945.051	21660.008	1940.	3960.	41500.	57300.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	18	2.6	15.45	120.	0.2	904.056	30.068	0.29	0.5	22.75	57.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	109	298.	308.468	515.	138.	8842.788	94.036	186.	237.	360.	460.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	99	11.4	10.902	15.6	0.	6.323	2.515	7.9	9.	12.8	14.1
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	87	0.	-0.071	0.	-2.9	0.12	0.346	0.	0.	0.	-0.02
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	90	3.9	4.978	16.4	0.	9.428	3.07	2.42	3.	5.675	9.38
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	63	3.1	3.427	7.5	0.	2.478	1.574	1.8	2.3	4.1	5.96
00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	59	0.9	1.676	19.6	0.	9.54	3.089	0.	0.	1.8	3.1
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	108	8.1	8.158	9.2	7.2	0.149	0.386	7.7	7.9	8.4	8.71
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	108	8.1	8.008	9.2	7.2	0.172	0.414	7.7	7.9	8.4	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	108	0.008	0.01	0.063	0.001	0.	0.009	0.002	0.004	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	2	8.25	8.25	8.6	7.9	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	2	8.122	8.122	8.6	7.9	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	2	0.008	0.008	0.013	0.003	0.	0.007	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	29	5.4	5.028	5.4	0.	1.939	1.393	5.4	5.4	5.4	5.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	34	58.	60.382	100.	32.	330.607	18.183	36.5	43.75	73.25	85.
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	17	173.	165.588	221.	115.	1544.257	39.297	115.8	129.	206.5	220.2
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	36	1.7	1.758	4.1	0.66	0.49	0.7	1.	1.225	2.1	2.66
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	53	0.36	0.542	2.4	0.13	0.205	0.453	0.164	0.255	0.7	1.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	129	0.03	0.042	0.33	0.	0.002	0.048	0.	0.01	0.05	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	53	0.05	0.058	0.2	0.	0.002	0.042	0.01	0.03	0.075	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	129	0.01	0.014	0.05	0.	0.	0.008	0.01	0.01	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	130	1.1	1.02	1.9	0.04	0.193	0.439	0.412	0.66	1.4	1.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	128	0.27	0.321	1.1	0.04	0.031	0.176	0.159	0.22	0.36	0.573
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	128	0.14	0.217	1.7	0.	0.079	0.281	0.	0.033	0.28	0.502
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	130	0.42	0.521	2.6	0.16	0.126	0.354	0.25	0.32	0.59	0.83
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	36	1.2	1.136	1.8	0.26	0.144	0.379	0.595	0.833	1.4	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	129	1.1	1.04	1.9	0.05	0.182	0.426	0.4	0.8	1.4	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	130	0.066	0.092	1.	0.	0.013	0.113	0.034	0.04	0.097	0.165
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	128	0.03	0.032	0.082	0.	0.	0.017	0.01	0.018	0.043	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	37	0.01	0.015	0.08	0.	0.	0.019	0.	0.	0.02	0.034
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	38	4.7	5.868	25.	2.	17.287	4.158	3.04	3.575	6.75	12.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	30	3.4	3.88	11.	1.7	4.654	2.157	2.11	2.375	4.65	7.65
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	53	54.	72.66	170.	51.	912.459	30.207	54.	54.	86.	116.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	50	26.	27.34	35.	19.	9.413	3.068	25.1	26.	29.	32.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	37	28.	28.459	48.	15.	72.7	8.526	18.6	21.5	32.5	41.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	37	6.5	6.854	13.	3.4	6.136	2.477	4.08	4.8	8.1	11.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	37	9.3	10.149	28.	3.7	38.15	6.177	4.4	5.3	11.5	20.2
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	53	0.9	0.655	0.9	0.2	0.083	0.288	0.3	0.3	0.9	0.9
00932	SODIUM, PERCENT	02/05/73-11/07/85	53	34.	25.151	34.	11.	91.054	9.542	13.	15.	34.	34.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	37	1.8	1.989	3.3	1.2	0.235	0.485	1.5	1.7	2.3	2.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	37	11.	11.595	29.	4.	34.303	5.857	6.	7.	13.	20.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	37	27.	35.216	76.	17.	291.23	17.065	18.6	22.5	46.5	64.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	36	0.1	0.108	0.2	0.1	0.001	0.028	0.1	0.1	0.1	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	127	5.1	4.603	7.7	0.2	4.624	2.15	1.58	2.8	6.5	7.02
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	17	0.	0.059	1.	0.	0.059	0.243	0.	0.	0.	0.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	17	8.	8.647	20.	1.	22.618	4.756	3.4	5.	12.	15.2
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	17	3.	4.059	11.	1.	6.309	2.512	1.	3.	5.5	7.8
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	34	500.	3105.882	30000.	70.	42718067.38	6535.906	90.	367.5	2725.	11800.
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	36	30.	39.722	180.	0.	1299.921	36.054	10.	10.	57.5	90.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	27	9.	13.148	82.	0.	353.593	18.804	0.	5.	12.	33.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	34	55.	158.912	970.	0.	48824.507	220.963	15.	37.5	195.	500.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	34	75.	167.941	970.	10.	48513.815	220.259	20.	40.	205.	510.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	35	8.	9.629	30.	1.	45.182	6.722	2.6	5.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	17	20.	25.294	70.	10.	276.471	16.627	10.	10.	35.	54.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	35	100.	132.	400.	0.	6098.824	78.095	84.	100.	200.	240.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	10	22.5	147.9	1000.	0.5	96184.267	310.136	0.5	7.625	125.25	927.

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Annual Analysis for 1980 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	10	1.299	1.32	3.	-0.301	1.125	1.061	-0.301	0.675	2.023	2.943
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			20.887								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	10	180.	509.7	2400.	2.	615470.233	784.519	2.1	41.25	732.5	2300.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	10	2.244	2.062	3.38	0.301	1.033	1.016	0.319	1.419	2.817	3.357
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			115.469								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	58	6000.	10997.241	52000.	590.	163891272.958	12802.003	1100.	2775.	12750.	36000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	19	153.	166.211	278.	100.	2796.175	52.879	111.	123.	206.	260.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	52	110.	117.788	268.	82.	1126.405	33.562	91.9	110.	114.5	140.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	51	84.	5772.51	26700.	84.	56784753.415	7535.566	84.	84.	13400.	15320.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	52	0.17	0.178	0.38	0.11	0.002	0.046	0.133	0.17	0.17	0.21
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	33	95.	91.909	100.	46.	106.523	10.321	79.2	91.	98.	98.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	132	0.05	0.177	0.66	0.	0.064	0.253	0.	0.01	0.148	0.66
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	123	4.8	4.435	8.4	0.1	3.766	1.941	1.68	2.9	6.2	6.6
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	129	0.03	0.045	0.16	0.	0.001	0.029	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	36	0.23	0.426	3.1	0.	0.325	0.57	0.12	0.12	0.513	0.878
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	36	7.45	7.786	18.	2.9	9.353	3.058	4.6	5.55	9.375	11.3
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	18	0.1	0.092	0.1	0.05	0.	0.019	0.05	0.1	0.1	0.1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	146	26.	98.521	985.	0.	31832.058	178.415	4.	12.	101.	236.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	130	376.5	12648.428	132000.	0.	699082751.659	26440.173	74.1	102.	11600.	39670.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	55	0.11	0.124	0.74	0.	0.024	0.156	0.	0.	0.16	0.304
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	63	0.12	0.125	0.26	0.	0.003	0.053	0.064	0.09	0.16	0.2
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	87	0.	0.142	2.54	0.	0.229	0.479	0.	0.	0.	0.2
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	40	5.315	6.037	14.1	0.	22.94	4.79	0.	1.05	9.963	13.67

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Annual Analysis for 1981 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	218	15.1	15.383	30.4	0.4	84.561	9.196	2.98	7.375	24.9	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	14	19.5	20.464	35.	8.5	64.249	8.016	8.75	15.25	28.	33.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	246	7915.	13882.89	55400.	830.	207143465.976	14392.479	2190.	4230.	16850.	41720.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	10	5.95	19.76	75.	0.5	758.945	27.549	0.66	2.1	35.	74.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	221	279.	287.158	562.	160.	6120.125	78.231	188.4	237.	326.5	386.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	208	10.9	11.107	15.8	5.6	7.335	2.708	7.89	8.5	13.5	14.9
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	09/25/78-09/24/81	47	0.	-0.002	0.5	-0.5	0.018	0.134	0.	0.	0.	0.34
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	09/25/78-09/24/81	47	5.5	6.602	20.5	0.	13.998	3.741	3.06	4.1	9.4	11.12
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	09/25/78-09/24/81	46	4.05	4.974	15.	0.	8.182	2.86	2.38	2.875	6.75	8.33
00321	BOD, ULTIMATE SECOND STAGE MG/L	09/25/78-09/24/81	46	1.4	1.683	5.6	0.	1.833	1.354	0.	0.775	2.225	3.66
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	221	7.8	7.867	8.9	6.7	0.194	0.44	7.4	7.5	8.1	8.58
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	221	7.8	7.675	8.9	6.7	0.231	0.48	7.4	7.5	8.1	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	221	0.016	0.021	0.2	0.001	0.	0.022	0.003	0.008	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	22	7.6	7.668	8.3	7.3	0.125	0.354	7.3	7.3	7.925	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	22	7.6	7.555	8.3	7.3	0.138	0.372	7.3	7.3	7.925	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	22	0.025	0.028	0.05	0.005	0.	0.017	0.005	0.012	0.05	0.05
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	12	466.	431.75	553.	201.	10616.75	103.038	236.7	356.75	510.75	546.4
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	28	2.8	2.571	3.8	0.	0.939	0.969	0.923	1.85	3.375	3.53
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	27	0.96	1.096	2.2	0.	0.393	0.627	0.364	0.64	1.7	2.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	69	0.06	0.094	0.7	0.	0.014	0.12	0.01	0.035	0.11	0.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	27	0.11	0.114	0.27	0.005	0.005	0.07	0.02	0.06	0.15	0.24
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	69	0.02	0.022	0.5	0.005	0.003	0.059	0.005	0.01	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	53	1.6	1.422	2.8	0.1	0.487	0.698	0.234	0.92	1.9	2.3
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	69	0.45	0.443	1.8	0.05	0.06	0.244	0.19	0.29	0.56	0.69
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	67	0.22	0.408	2.1	0.	0.197	0.444	0.008	0.11	0.63	1.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	76	0.7	0.905	2.6	0.	0.355	0.596	0.337	0.493	1.275	1.86
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	27	1.3	1.439	2.5	0.27	0.323	0.568	0.636	1.2	1.8	2.22
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	70	1.3	1.278	2.9	0.03	0.511	0.715	0.3	0.6	1.8	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	76	0.106	0.177	0.572	0.02	0.019	0.138	0.049	0.073	0.314	0.41
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	70	0.049	0.054	0.172	0.001	0.001	0.031	0.022	0.033	0.07	0.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	22	0.05	0.045	0.08	0.01	0.	0.02	0.013	0.028	0.06	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	22	8.45	7.755	13.	2.9	8.866	2.978	3.19	5.175	9.35	12.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	10	2.7	2.71	4.	1.5	0.872	0.934	1.51	1.825	3.65	3.98
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	22	93.	97.	180.	59.	868.286	29.467	62.9	71.75	112.5	137.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	22	28.5	28.591	53.	16.	73.301	8.562	17.6	20.75	32.25	40.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	22	5.55	6.191	11.	3.7	5.25	2.291	3.9	4.275	7.25	10.55
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	22	9.95	11.405	32.	1.6	46.72	6.835	6.13	6.6	14.25	22.9
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	22	0.5	0.5	1.	0.1	0.047	0.216	0.3	0.375	0.6	0.91
00932	SODIUM, PERCENT	02/05/73-11/07/85	22	19.	18.955	31.	2.	31.474	5.61	14.3	16.	21.25	26.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	22	2.7	2.559	4.	1.8	0.24	0.49	1.9	2.175	2.8	2.97
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	22	13.	13.227	27.	7.	23.994	4.898	9.	10.	14.25	22.4
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	22	37.	39.864	85.	26.	226.028	15.034	26.3	27.75	43.5	65.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	22	0.1	0.098	0.2	0.05	0.003	0.055	0.05	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	64	4.1	4.198	27.	0.05	14.478	3.805	0.1	1.675	6.275	6.9
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	10	1.	0.65	1.	0.	0.225	0.474	0.	0.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	10	10.	11.1	30.	5.	49.211	7.015	5.2	7.	12.	28.2
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	10	10.	11.	28.	2.	57.333	7.572	2.3	5.	14.5	26.8
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	28	5000.	4356.786	10000.	130.	9573511.508	3094.109	309.	572.5	6375.	8910.
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	22	55.	98.5	740.	5.	23956.167	154.778	5.	25.25	102.5	218.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	10	25.5	181.8	1300.	4.	160192.4	400.24	4.9	14.5	134.	1196.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	22	210.	258.136	670.	9.	48448.79	220.111	30.	55.	432.5	611.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	28	360.	342.5	700.	20.	51300.926	226.497	48.	82.5	520.	652.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	22	9.	30.818	240.	2.	3050.727	55.233	2.3	3.75	22.5	108.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	10	40.	46.	90.	20.	671.111	25.906	20.	27.5	67.5	90.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	21	100.	145.714	700.	0.	18885.714	137.425	68.	100.	200.	200.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	9	54.	235.889	1330.	6.	190976.111	437.008	6.	13.	315.	1330.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	9	1.732	1.756	3.124	0.778	0.608	0.78	0.778	1.113	2.429	3.124
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			56.956								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	9	430.	691.	1640.	7.	480188.	692.956	7.	141.	1570.	1640.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	9	2.633	2.483	3.215	0.845	0.588	0.767	0.845	2.09	3.195	3.215
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			304.203								
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	34	8550.	15432.353	58000.	360.	230669230.66	15187.799	2200.	4850.	23250.	40000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	10	191.	196.9	324.	135.	3060.989	55.326	135.8	158.75	225.	315.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	20	142.	141.55	199.	97.	1009.734	31.776	103.	107.75	166.5	194.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	22	7250.	8079.364	20500.	796.	33599121.29	5796.475	1314.	2665.	12200.	16870.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	22	0.205	0.216	0.44	0.13	0.005	0.074	0.14	0.15	0.255	0.321
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	33	96.	93.485	100.	72.	54.695	7.396	82.	90.5	98.5	100.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	69	0.08	0.121	0.9	0.	0.024	0.154	0.01	0.045	0.14	0.22
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	53	7.	6.272	12.	0.4	9.424	3.07	1.04	4.1	8.4	10.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	54	0.07	0.089	1.6	0.03	0.045	0.211	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	28	0.905	0.769	1.5	0.06	0.236	0.486	0.174	0.22	1.275	1.31
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	28	12.	11.468	17.	0.	19.344	4.398	4.07	8.15	15.	16.1
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	10 ##	0.075	0.115	0.3	0.05	0.01	0.1	0.05	0.05	0.15	0.3
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	87	42.	107.034	443.	0.	14095.01	118.722	8.4	16.	196.	303.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	85	933.	9289.599	62000.	0.	215539714.354	14681.271	30.2	211.	12900.	36160.
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	44	0.16	0.193	0.77	0.	0.029	0.171	0.	0.09	0.248	0.4
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	09/25/78-09/24/81	46	0.1	0.105	0.2	0.	0.001	0.037	0.06	0.08	0.13	0.15
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	09/25/78-09/24/81	47	0.	0.111	2.	-0.83	0.195	0.441	0.	0.	0.	0.832
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	09/25/78-09/08/81	43	7.6	7.274	16.3	0.	18.457	4.296	0.388	4.6	10.	13.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	6	14.25	14.333	29.	0.	108.767	10.429	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	6	15.25	14.167	26.	2.5	73.667	8.583	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	1	766.	766.	766.	766.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	6	6495.	10100.	32100.	1560.	121264440.	11012.013	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	5.7	13.15	36.	2.6	194.279	13.938	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	6	357.5	334.167	415.	185.	7734.167	87.944	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	6	10.8	10.917	14.6	8.4	6.238	2.498	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	6	8.25	8.133	8.4	7.6	0.087	0.294	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	6	8.247	8.034	8.4	7.6	0.098	0.314	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	6	0.006	0.009	0.025	0.004	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	6	7.8	7.8	8.	7.5	0.028	0.167	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	6	7.8	7.771	8.	7.5	0.029	0.17	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	6	0.016	0.017	0.032	0.01	0.	0.008	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	5	0.05	0.068	0.15	0.02	0.003	0.051	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	5	0.71	0.702	1.2	0.4	0.11	0.332	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	5	0.8	0.96	2.2	0.3	0.523	0.723	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	5	0.07	0.076	0.1	0.06	0.	0.015	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	5	0.02	0.032	0.06	0.01	0.	0.022	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	5 ##	0.005	0.023	0.05	0.005	0.001	0.025	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	6	130.	122.667	150.	76.	738.667	27.178	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	37.5	34.667	40.	22.	47.067	6.861	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	8.	8.483	13.	5.1	7.446	2.729	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	13.5	13.467	23.	6.1	35.759	5.98	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	6	0.55	0.55	0.9	0.3	0.043	0.207	**	**	**	**
00932	SODIUM, PERCENT	02/05/73-11/07/85	6	18.	18.5	24.	15.	13.9	3.728	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.45	2.45	3.5	1.4	0.603	0.777	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	14.5	15.833	26.	8.	48.167	6.94	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	36.5	38.833	58.	26.	123.367	11.107	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6	0.1	0.125	0.2	0.05	0.004	0.061	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	6	2.05	3.	6.7	0.4	7.024	2.65	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	3	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	3	20.	23.333	40.	10.	233.333	15.275	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	3	12.	10.333	15.	4.	32.333	5.686	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	3	420.	936.667	2000.	390.	848233.333	920.996	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	26.	29.125	63.	1.5	884.063	29.733	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	3	8.	10.333	16.	7.	24.333	4.933	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	3	80.	100.	170.	50.	3900.	62.45	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	3	80.	103.333	180.	50.	4633.333	68.069	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	4.5	6.75	16.	2.	40.917	6.397	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	3	20.	23.333	40.	10.	233.333	15.275	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	90.	259.667	1200.	2.	215123.867	463.814	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	1.943	1.81	3.079	0.301	0.847	0.92	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			64.51								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	770.	2040.	5500.	220.	5584960.	2363.252	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	2.866	3.01	3.74	2.342	0.333	0.577	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1022.398								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	194.	190.167	249.	118.	2415.367	49.146	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	6	168.	165.667	222.	100.	1807.467	42.514	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	6	3265.	4236.833	10200.	981.	9989764.167	3160.659	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	6	0.265	0.26	0.34	0.16	0.005	0.068	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	94.	89.333	100.	67.	144.267	12.011	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	5	0.06	0.086	0.19	0.03	0.004	0.063	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	5	0.21	0.232	0.31	0.18	0.003	0.05	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	6	20.	34.833	97.	3.	1216.167	34.874	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	6	289.	1720.667	8410.	48.	10916209.067	3303.969	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	6	11.5	14.083	28.	2.5	96.442	9.82	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	6	12.5	14.25	28.	1.5	125.175	11.188	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	4	762.5	761.75	765.	757.	15.583	3.948	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	7	8640.	15597.143	50400.	1250.	360166690.476	18978.058	**	**	**	**
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	5	3.83	4.414	6.72	2.76	3.038	1.743	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	5.15	16.717	60.	2.4	515.058	22.695	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	6	297.5	299.333	430.	186.	12308.667	110.944	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	6	11.1	10.95	14.6	7.6	8.631	2.938	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	6	7.9	7.917	8.1	7.7	0.03	0.172	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	6	7.889	7.889	8.1	7.7	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	6	0.013	0.013	0.02	0.008	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	7	7.8	7.757	8.2	7.4	0.076	0.276	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	7	7.8	7.687	8.2	7.4	0.082	0.286	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	7	0.016	0.021	0.04	0.006	0.	0.012	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	7	0.07	0.089	0.21	0.04	0.004	0.061	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	7	0.7	0.957	2.3	0.2	0.536	0.732	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	7	1.2	1.214	1.5	0.7	0.095	0.308	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	7	0.1	0.099	0.17	0.031	0.002	0.041	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	7	0.05	0.054	0.09	0.019	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	7	0.05	0.051	0.08	0.03	0.001	0.023	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	34.5	34.	47.	21.	132.8	11.524	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	7.55	8.217	13.	5.	11.714	3.423	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	11.65	12.35	25.	4.3	66.299	8.142	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/05/73-11/07/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.3	2.317	3.2	1.5	0.418	0.646	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	14.	14.833	30.	5.	90.167	9.496	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	37.	41.167	67.	20.	408.167	20.203	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6 ##	0.125	0.125	0.2	0.05	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	7	4.7	5.157	7.8	3.1	2.603	1.613	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	41.	38.5	68.	4.	883.667	29.727	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	9.5	10.75	18.	6.	30.25	5.5	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	4	30.	35.	70.	10.	633.333	25.166	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	5	270.	686.	2100.	10.	723130.	850.371	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	5	2.431	2.397	3.322	1.	0.775	0.881	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			249.348								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	5	1300.	2869.	7600.	100.	10855805.	3294.815	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	5	3.114	3.046	3.881	2.	0.62	0.787	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1112.524								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	234.5	202.333	275.	95.	5239.067	72.381	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	1	121.	121.	121.	121.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	92.5	85.667	98.	51.	312.267	17.671	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	6	0.31	0.34	0.52	0.28	0.008	0.091	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	6	15.	43.833	155.	6.	3368.567	58.039	**	**	**	**

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Annual Analysis for 1984 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	6	7.5	10.167	23.	2.	54.167	7.36	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	6	11.5	12.5	21.	9.	19.9	4.461	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	5	769.	767.4	774.	756.	45.8	6.768	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	6	19070.	49643.333	217000.	3100.	6918414946.667	83177.01	**	**	**	**
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	4	4.89	6.623	13.59	3.12	23.021	4.798	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	8.65	39.767	190.	1.9	5490.859	74.1	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	6	276.	281.333	435.	146.	13693.867	117.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	6	12.95	12.317	14.5	9.7	4.318	2.078	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	6	7.7	7.745	8.2	7.3	0.105	0.324	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	6	7.689	7.65	8.2	7.3	0.116	0.34	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	6	0.02	0.022	0.05	0.006	0.	0.016	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	6	7.7	7.7	8.2	7.3	0.096	0.31	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	6	7.689	7.617	8.2	7.3	0.104	0.323	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	6	0.02	0.024	0.05	0.006	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	6	0.03	0.104	0.45	0.005	0.03	0.172	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	6	0.6	0.75	1.5	0.5	0.151	0.389	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	6	1.3	1.483	2.5	1.1	0.258	0.508	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	6	0.07	0.102	0.29	0.05	0.009	0.093	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	6	0.04	0.042	0.08	0.02	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	6	0.03	0.036	0.08	0.005	0.001	0.026	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	32.5	32.	49.	16.	174.8	13.221	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	7.3	7.433	11.	3.3	11.031	3.321	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	9.1	9.633	17.	3.7	32.387	5.691	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.2	2.15	2.9	1.5	0.339	0.582	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	12.5	13.333	21.	7.	41.867	6.47	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	29.5	33.667	54.	18.	246.667	15.706	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6 ##	0.05	0.133	0.5	0.05	0.033	0.181	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	6	5.6	4.75	6.5	1.5	4.079	2.02	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	5	35.	57.6	190.	4.	5714.3	75.593	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	5	8.	15.	50.	3.	391.	19.774	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	5	20.	24.	50.	5.	417.5	20.433	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	5	250.	445.2	1400.	6.	300605.2	548.275	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	5	2.398	2.242	3.146	0.778	0.771	0.878	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			174.479								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	91.5	8614.5	51000.	2.	431194502.3	20765.223	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	1.961	2.203	4.708	0.301	2.111	1.453	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			159.458								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	177.5	178.5	254.	106.	4162.7	64.519	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	85.5	83.167	92.	64.	103.367	10.167	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	5	0.25	0.344	0.89	0.15	0.095	0.308	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	6	31.5	172.5	878.	10.	120085.1	346.533	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	8	14.	15.75	28.	3.	74.786	8.648	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	10	22.75	18.9	27.	4.	78.489	8.859	4.2	12.	26.25	27.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	10	763.	760.5	766.	751.	33.833	5.817	751.	755.5	766.	766.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	10	8155.	46857.	318000.	1940.	9448116378.889	97201.422	1940.	1977.5	50200.	291220.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	1	17.94	17.94	17.94	17.94	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	7	3.4	415.057	2700.	1.5	1020041.173	1009.971	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	8	279.	273.625	352.	162.	3273.125	57.211	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	7	10.6	10.829	17.	7.6	10.789	3.285	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	8	7.9	7.913	8.3	7.4	0.076	0.275	**	**	**	**

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Annual Analysis for 1985 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	8	7.889	7.83	8.3	7.4	0.083	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	8	0.013	0.015	0.04	0.005	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	8	8.	7.913	8.4	7.3	0.104	0.323	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	8	8.	7.796	8.4	7.3	0.12	0.346	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	8	0.01	0.016	0.05	0.004	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	8	71.	70.125	88.	48.	203.268	14.257	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	10	0.07	0.09	0.23	0.04	0.004	0.059	0.04	0.048	0.113	0.222
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	2	0.555	0.555	1.	0.11	0.396	0.629	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	7	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	6	0.4	0.433	0.6	0.3	0.019	0.137	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	6	0.4	1.9	8.3	0.1	10.396	3.224	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	10	0.95	2.01	8.9	0.5	6.75	2.598	0.5	0.575	2.825	8.33
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	10	1.05	0.905	1.4	0.05	0.21	0.459	0.055	0.7	1.2	1.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	10	0.1	0.435	2.2	0.03	0.483	0.695	0.031	0.048	0.823	2.063
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	10	0.05	0.051	0.09	0.01	0.001	0.029	0.011	0.028	0.075	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	10	0.04	0.043	0.09	0.005	0.001	0.028	0.006	0.018	0.065	0.089
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	2	89.	89.	110.	68.	882.	29.698	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	2	29.	29.	42.	16.	338.	18.385	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	7	33.	31.714	42.	23.	34.905	5.908	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	7	7.	7.014	9.8	2.6	5.848	2.418	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	7	8.5	10.414	17.	2.4	26.831	5.18	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
00932	SODIUM, PERCENT	02/05/73-11/07/85	2	13.	13.	19.	7.	72.	8.485	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	7	2.8	2.629	3.7	1.5	0.676	0.822	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	7	12.	12.429	19.	3.	30.619	5.533	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	7	39.	38.571	51.	20.	114.619	10.706	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	7	0.1	0.121	0.2	0.05	0.003	0.057	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	8	5.05	4.8	7.7	0.9	5.271	2.296	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	5	34.	37.	92.	5.	1114.5	33.384	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	5	11.	12.8	29.	5.	93.2	9.654	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	6	30.	42.5	100.	5.	1257.5	35.461	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	7	100.	4626.286	30000.	3.	125710036.238	11212.049	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	7	2.	2.094	4.477	0.477	2.053	1.433	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			124.307								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	7	88.	11052.429	67000.	37.	622322715.619	24946.397	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	7	1.944	2.576	4.826	1.568	1.652	1.285	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			376.549								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	7	153.	163.	210.	98.	1500.667	38.738	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	2	126.5	126.5	161.	92.	2380.5	48.79	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	8	80.	75.625	100.	49.	420.268	20.5	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	2	0.07	0.07	0.09	0.05	0.001	0.028	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	10	0.31	1.323	6.7	0.09	4.476	2.116	0.093	0.143	2.5	6.28
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	8	66.5	492.625	2994.	4.	1071964.554	1035.357	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	10	14.	13.4	26.	1.	91.822	9.582	1.1	4.25	23.	25.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	11	14.	12.818	26.	-1.	86.764	9.315	2.2	7.	21.	25.6
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	11	768.	767.727	778.	756.	38.418	6.198	757.4	765.	770.	777.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	9	1743.	4366.889	14900.	936.	20733887.111	4553.448	936.	1292.5	6202.	14900.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	5	2.84	3.128	4.43	2.67	0.536	0.732	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	5	2.6	2.44	4.	1.	1.748	1.322	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	11	355.	362.545	492.	268.	6308.873	79.428	270.	278.	435.	482.

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Annual Analysis for 1986 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	10	11.4	11.47	14.9	6.6	7.7	2.775	6.77	9.65	13.85	14.9
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	11	8.16	8.237	9.07	7.96	0.109	0.33	7.96	7.96	8.34	8.956
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	11	8.16	8.156	9.07	7.96	0.116	0.34	7.96	7.96	8.34	8.956
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	11	0.007	0.007	0.011	0.001	0.	0.003	0.001	0.005	0.011	0.011
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	10	8.2	8.18	8.5	7.9	0.028	0.169	7.91	8.075	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	10	8.2	8.151	8.5	7.9	0.029	0.171	7.91	8.075	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	10	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.008	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	11	93.	86.455	120.	61.	515.473	22.704	61.2	62.	105.	120.
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	11	0.04	0.054	0.1	0.03	0.001	0.027	0.03	0.03	0.08	0.096
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	6	0.06	0.058	0.1	0.02	0.001	0.031	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	11	0.01	0.01	0.02	0.003	0.	0.005	0.003	0.009	0.014	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	5	0.4	0.4	0.5	0.2	0.015	0.122	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	11	0.3	0.382	0.8	0.1	0.042	0.204	0.12	0.3	0.4	0.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	11	0.7	1.127	2.	0.2	0.542	0.736	0.24	0.4	1.9	1.98
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	11	0.04	0.037	0.06	0.03	0.	0.009	0.03	0.03	0.04	0.056
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	11	0.03	0.024	0.04	0.005	0.	0.012	0.006	0.01	0.03	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	11	0.01	0.013	0.03	0.005	0.	0.009	0.005	0.01	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	5	3.8	3.48	4.3	1.8	0.947	0.973	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	5	41.	41.6	56.	31.	105.8	10.286	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	5	10.	10.24	12.	7.3	3.753	1.937	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	5	18.	18.32	28.	8.6	75.212	8.672	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	5	3.	2.64	3.3	1.8	0.533	0.73	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	5	19.	20.4	29.	11.	69.8	8.355	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	5	53.	59.6	96.	27.	753.3	27.446	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	5	0.2	0.16	0.2	0.1	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	10	4.4	3.99	5.8	0.5	4.008	2.002	0.51	2.55	5.65	5.8
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	3	8.	6.167	9.	1.5	16.583	4.072	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	3	12.	12.667	20.	6.	49.333	7.024	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	8 ##	12.5	16.25	40.	5.	183.929	13.562	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	43.	44.75	90.	3.	1298.25	36.031	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	1.628	1.422	1.954	0.477	0.424	0.651	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			26.403								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	4	510.	929.5	2600.	98.	1304641.	1142.209	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	4	2.671	2.687	3.415	1.991	0.36	0.6	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			486.637								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	5	200.	218.8	309.	145.	3934.7	62.727	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	83.	81.5	92.	66.	72.7	8.526	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	2	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	9	6.	7.556	17.	3.	21.278	4.613	3.	4.	11.	17.

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Annual Analysis for 1987 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	12	16.	15.167	26.	3.	77.606	8.809	3.	7.	23.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	17.	16.833	25.	7.	48.697	6.978	7.3	9.5	25.	25.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	12	767.	767.167	773.	761.	24.515	4.951	761.	762.	773.	773.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	12	5615.5	6183.833	12400.	2000.	12611320.152	3551.242	2000.	3792.	7680.	12400.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	12	3.7	3.972	6.04	2.91	1.106	1.052	2.91	3.28	4.2	6.04

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Annual Analysis for 1987 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	7.05	21.75	60.	0.6	759.607	27.561	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	12	275.	285.583	400.	224.	3574.992	59.791	225.8	233.5	309.	398.5
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	12	10.5	10.75	14.8	6.8	8.901	2.983	6.8	8.1	13.8	14.8
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.87	7.953	8.39	7.52	0.079	0.281	7.568	7.73	8.248	8.36
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.87	7.876	8.39	7.52	0.086	0.293	7.568	7.73	8.247	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	12	0.013	0.013	0.03	0.004	0.	0.008	0.004	0.006	0.019	0.027
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	12	8.3	8.242	8.7	7.9	0.063	0.25	7.9	8.	8.4	8.64
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	12	8.3	8.178	8.7	7.9	0.067	0.259	7.9	8.	8.4	8.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	12	0.005	0.007	0.013	0.002	0.	0.004	0.002	0.004	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	12	78.	83.167	129.	54.	574.515	23.969	55.2	67.25	92.	128.1
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	6	101.5	113.5	157.	82.	1169.1	34.192	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	12	0.05	0.068	0.16	0.01	0.002	0.05	0.013	0.033	0.11	0.157
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	6	0.05	0.068	0.17	0.005	0.004	0.059	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	12	0.01	0.013	0.03	0.001	0.	0.01	0.001	0.006	0.02	0.03
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	6	0.4	0.433	0.8	0.1	0.063	0.25	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	12	0.9	0.808	1.1	0.3	0.054	0.231	0.39	0.625	1.	1.07
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	12	1.3	1.383	2.1	0.8	0.282	0.531	0.8	0.9	1.9	2.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	12	0.075	0.09	0.21	0.03	0.003	0.056	0.03	0.05	0.128	0.192
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	12	0.035	0.046	0.11	0.01	0.001	0.035	0.01	0.013	0.078	0.104
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	12	0.03	0.029	0.07	0.005	0.	0.021	0.005	0.013	0.03	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	6	4.95	6.15	11.	3.4	8.927	2.988	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	31.	33.	49.	23.	74.8	8.649	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	7.15	7.683	12.	5.5	5.158	2.271	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	9.3	12.383	23.	6.3	43.294	6.58	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.95	2.833	3.7	1.8	0.703	0.838	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	16.	17.	26.	11.	35.6	5.967	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	34.	39.5	70.	26.	264.3	16.257	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6 ##	0.075	0.142	0.4	0.05	0.019	0.139	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	12	4.15	4.125	6.5	0.2	4.282	2.069	0.23	3.9	6.05	6.47
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	24.	33.25	77.	8.	988.25	31.436	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	17.	14.	21.	1.	89.333	9.452	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	10	30.	34.5	80.	5.	680.278	26.082	5.5	10.	55.	79.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	8	41.5	1327.	10000.	0.	12297370.857	3506.761	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	8	1.55	1.543	4.	0.	1.934	1.391	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			34.892								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	7	356.	778.857	3333.	13.	1340194.143	1157.668	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	7	2.551	2.497	3.523	1.114	0.534	0.731	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			313.929								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	161.5	169.833	254.	124.	2124.567	46.093	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	93.	89.167	99.	69.	127.767	11.303	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	12	23.5	85.417	336.	6.	12315.72	110.976	6.3	11.25	161.5	306.6

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Annual Analysis for 1988 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	11	16.	15.273	29.	0.	95.818	9.789	1.2	6.	23.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	11	16.	16.864	31.	-4.5	105.805	10.286	9.	-4.5	23.	31.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	11	768.	769.091	784.	763.	31.491	5.612	763.	767.	771.	781.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	11	3500.	4109.091	8200.	1420.	6956349.091	2637.489	1420.	1600.	6960.	8200.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	11	3.19	3.232	3.79	2.79	0.148	0.385	2.79	2.86	3.65	3.79
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	3.05	2.9	4.	1.7	0.876	0.936	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	11	395.	357.727	440.	266.	3665.618	60.544	273.4	303.	400.	436.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	11	9.5	10.336	14.5	7.5	6.261	2.502	7.5	8.4	13.5	14.3
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	11	7.85	7.861	8.17	7.54	0.042	0.204	7.55	7.66	8.03	8.158
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	11	7.85	7.817	8.17	7.54	0.044	0.21	7.55	7.66	8.03	8.158

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Annual Analysis for 1988 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	11	0.014	0.015	0.029	0.007	0.	0.007	0.007	0.009	0.022	0.028
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	11	8.2	8.236	8.5	8.1	0.015	0.121	8.1	8.1	8.3	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	11	8.2	8.222	8.5	8.1	0.015	0.122	8.1	8.1	8.3	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	11	0.006	0.006	0.008	0.003	0.	0.002	0.004	0.005	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	10	94.5	94.5	114.	80.	159.167	12.616	80.	81.5	105.75	113.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	11	0.02	0.017	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.038
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	6	0.01	0.03	0.11	0.005	0.002	0.041	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	11	0.011	0.013	0.02	0.005	0.	0.005	0.005	0.01	0.018	0.02
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	5	0.4	0.5	0.9	0.3	0.065	0.255	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	11	0.5	0.464	0.9	0.1	0.061	0.246	0.1	0.3	0.6	0.86
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	11	0.9	1.414	4.5	0.05	1.313	1.146	0.22	0.9	1.8	3.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	11	0.04	0.042	0.07	0.03	0.	0.014	0.03	0.03	0.05	0.068
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	11	0.02	0.026	0.05	0.01	0.	0.014	0.01	0.01	0.032	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	11 ##	0.005	0.011	0.04	0.005	0.	0.012	0.005	0.005	0.01	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	10	3.7	3.55	5.8	1.9	1.203	1.097	1.92	2.7	4.	5.62
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	39.	39.333	51.	29.	58.667	7.659	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	9.6	9.75	13.	6.4	6.847	2.617	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	15.	17.483	30.	9.9	61.002	7.81	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.6	2.567	3.5	1.9	0.355	0.596	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	16.5	17.833	26.	12.	33.367	5.776	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	48.	53.667	94.	34.	507.467	22.527	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6	0.2	0.183	0.3	0.1	0.006	0.075	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	11	4.	3.368	6.3	0.2	5.693	2.386	0.21	0.8	6.	6.24
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	17.5	17.25	24.	10.	34.25	5.852	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	12.	13.5	20.	10.	20.333	4.509	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	10 ##	5.	7.5	20.	5.	23.611	4.859	5.	5.	10.	19.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	2	272.	272.	525.	19.	128018.	357.796	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	2	1.999	1.999	2.72	1.279	1.039	1.019	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			99.875								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	3	1030.	1101.	1933.	340.	638193.	798.87	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	3	3.013	2.944	3.286	2.531	0.146	0.382	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			878.043								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	200.	210.167	300.	157.	3146.967	56.098	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	7	84.	75.429	97.	47.	309.619	17.596	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	11	10.	17.364	48.	5.	174.655	13.216	5.4	8.	28.	44.4

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Annual Analysis for 1989 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	12	15.	14.5	25.	2.	71.909	8.48	2.	7.	23.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	21.	19.667	31.	5.	70.424	8.392	5.	16.	24.	31.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	12	766.	765.667	772.	758.	32.97	5.742	758.	761.	771.	772.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	12	11200.	16283.333	46600.	3400.	250725151.515	15834.303	3400.	3600.	21700.	46600.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	12	4.05	4.328	6.52	3.17	1.545	1.243	3.17	3.2	4.98	6.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	11.3	19.183	67.	2.2	599.258	24.48	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	12	257.	270.667	382.	227.	2770.061	52.631	227.3	230.5	283.75	376.3
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	12	10.15	10.683	13.8	8.3	4.318	2.078	8.3	8.9	12.8	13.8
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.54	7.537	7.8	7.31	0.019	0.137	7.34	7.42	7.63	7.767
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	12	7.54	7.518	7.8	7.31	0.019	0.138	7.34	7.42	7.63	7.767
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	12	0.029	0.03	0.049	0.016	0.	0.009	0.017	0.023	0.038	0.046
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	11	7.9	7.936	8.3	7.6	0.043	0.206	7.64	7.8	8.1	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	11	7.9	7.894	8.3	7.6	0.045	0.211	7.64	7.8	8.1	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	11	0.013	0.013	0.025	0.005	0.	0.006	0.005	0.008	0.016	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	12	78.5	73.583	92.	49.	202.629	14.235	49.	63.5	82.	91.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	12	0.06	0.056	0.14	0.005	0.002	0.044	0.005	0.013	0.068	0.137

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Annual Analysis for 1989 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	6	0.05	0.055	0.13	0.01	0.002	0.041	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	12	0.01	0.015	0.04	0.005	0.	0.013	0.005	0.005	0.019	0.04
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	6	0.65	0.633	0.7	0.5	0.007	0.082	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	12	0.5	0.533	1.2	0.2	0.066	0.257	0.23	0.325	0.6	1.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	12	1.45	1.333	1.6	1.	0.064	0.253	1.	1.	1.5	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	12	0.06	0.061	0.12	0.02	0.001	0.028	0.02	0.043	0.078	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	12	0.035	0.038	0.07	0.005	0.	0.022	0.005	0.023	0.06	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	12	0.035	0.038	0.06	0.005	0.	0.018	0.01	0.023	0.058	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	11	3.6	4.664	16.	1.1	15.917	3.99	1.42	2.7	4.4	14.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	30.5	31.	37.	26.	27.2	5.215	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	6.65	6.833	8.5	5.7	1.495	1.223	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	8.	9.467	19.	6.2	22.543	4.748	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.45	2.433	2.7	2.	0.059	0.242	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	10.	11.5	21.	8.	23.9	4.889	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	27.5	31.833	53.	21.	135.367	11.635	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	11	6.2	5.618	7.6	1.4	4.332	2.081	1.46	5.8	6.7	7.52
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	31.5	27.	39.	6.	210.	14.491	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	10.	12.	19.	9.	22.	4.69	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	9	20.	18.889	40.	10.	86.111	9.28	10.	10.	20.	40.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	142.5	273.	750.	0.	104512.	323.283	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	2.115	1.727	2.875	0.	1.468	1.211	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			53.309								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	185.	240.667	740.	0.	75930.667	275.555	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	2.216	1.862	2.869	0.	1.091	1.044	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			72.783								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	147.5	152.333	201.	122.	761.067	27.587	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	5	94.	91.4	95.	85.	18.3	4.278	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	12	32.5	76.5	271.	4.	9350.455	96.698	4.	9.5	118.25	267.7

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Annual Analysis for 1990 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	11	18.	16.364	26.	5.5	65.405	8.087	5.5	9.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	11	20.	19.818	28.	12.	37.764	6.145	12.	14.	25.	28.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	11	767.	767.091	774.	762.	17.091	4.134	762.2	763.	769.	774.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	11	7590.	9718.182	29000.	2550.	68355356.364	8267.73	2550.	3220.	17200.	26640.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	11	3.72	3.829	5.49	3.02	0.633	0.795	3.02	3.14	4.63	5.318
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	6	6.8	21.583	95.	1.1	1330.194	36.472	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	11	285.	273.	305.	195.	898.6	29.977	207.6	260.	292.	302.6
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	11	8.7	10.2	13.3	8.	5.994	2.448	8.	8.	13.1	13.3
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	11	7.43	7.58	8.23	6.65	0.293	0.542	6.702	7.27	8.15	8.23
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	11	7.43	7.286	8.23	6.65	0.388	0.623	6.702	7.27	8.15	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	11	0.037	0.052	0.224	0.006	0.004	0.066	0.006	0.007	0.054	0.204
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	11	8.3	8.318	9.1	7.7	0.168	0.409	7.74	8.	8.6	9.04
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	11	8.3	8.167	9.1	7.7	0.193	0.439	7.74	8.	8.6	9.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	11	0.005	0.007	0.02	0.001	0.	0.006	0.001	0.003	0.01	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	11	89.	84.273	109.	56.	318.018	17.833	57.2	62.	96.	108.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	10	0.02	0.024	0.06	0.005	0.	0.018	0.006	0.01	0.035	0.059
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	5	0.01	0.035	0.13	0.005	0.003	0.053	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	10	0.009	0.011	0.031	0.005	0.	0.008	0.005	0.005	0.015	0.03
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	5	0.3	0.44	0.9	0.2	0.078	0.279	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	10	0.7	0.73	1.6	0.2	0.153	0.392	0.22	0.4	0.925	1.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	10	1.35	1.19	1.8	0.7	0.181	0.425	0.7	0.7	1.5	1.77

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Annual Analysis for 1990 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	10	0.07	0.074	0.16	0.005	0.002	0.044	0.008	0.045	0.1	0.154
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	10	0.015	0.025	0.06	0.005	0.001	0.023	0.005	0.005	0.053	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	10 ##	0.005	0.019	0.05	0.005	0.	0.021	0.005	0.005	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	11	5.6	5.382	13.	2.1	8.456	2.908	2.22	3.7	5.9	11.76
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	33.5	32.167	37.	24.	24.567	4.956	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	7.85	7.8	9.7	5.3	2.672	1.635	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	8.55	8.133	9.5	5.5	2.291	1.513	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	2.25	2.467	3.3	1.9	0.403	0.635	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	11.5	11.667	14.	9.	5.067	2.251	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	28.5	27.333	32.	19.	20.667	4.546	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6	0.1	0.1	0.2	0.05	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	11	1.9	3.273	7.7	0.	9.11	3.018	0.06	0.4	6.7	7.7
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	29.5	52.25	140.	10.	3526.917	59.388	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	12.5	14.75	25.	9.	50.917	7.136	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	9	20.	24.444	80.	5.	571.528	23.907	5.	7.5	35.	80.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	8	2.5	90.	335.	0.	19950.	141.244	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	8	0.349	0.955	2.525	0.	1.35	1.162	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.017								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	10	7.5	214.3	930.	0.	100893.789	317.638	0.	0.	407.5	889.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	10	0.588	1.192	2.968	0.	1.795	1.34	0.	0.	2.605	2.943
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.55								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	146.	142.333	161.	112.	340.267	18.446	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	5	94.	93.	97.	88.	12.5	3.536	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	11	19.	36.682	134.5	3.	1556.214	39.449	4.4	11.	67.	122.

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Annual Analysis for 1991 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	12	18.	16.833	28.	4.	80.879	8.993	4.	8.	25.	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	12	18.5	19.833	30.	12.	49.242	7.017	12.	13.	27.	30.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	12	766.5	767.333	779.	759.	42.424	6.513	759.	764.	769.	779.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	12	6200.	12073.333	43800.	1010.	240948133.333	15522.504	1010.	1130.	14100.	43800.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	12	3.555	3.875	6.37	2.69	1.718	1.311	2.69	2.72	4.36	6.37
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	7	3.1	5.457	18.	2.	32.116	5.667	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	12	306.	317.	420.	255.	3632.364	60.269	256.5	262.75	360.25	414.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	12	9.45	10.	14.	7.6	5.735	2.395	7.6	7.8	11.7	14.
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	12	8.175	7.834	8.52	6.55	0.519	0.72	6.55	7.238	8.355	8.496
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	12	8.172	7.227	8.52	6.55	0.921	0.96	6.55	7.237	8.355	8.496
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	12	0.007	0.059	0.282	0.003	0.011	0.106	0.003	0.004	0.06	0.282
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	13	8.3	8.246	8.6	7.8	0.074	0.273	7.8	8.	8.5	8.56
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	13	8.3	8.162	8.6	7.8	0.082	0.286	7.8	8.	8.5	8.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	13	0.005	0.007	0.016	0.003	0.	0.005	0.003	0.003	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	9	89.	91.444	127.	70.	398.278	19.957	70.	74.5	109.5	127.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	13	0.02	0.03	0.07	0.005	0.001	0.023	0.007	0.01	0.05	0.07
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	7	0.03	0.032	0.06	0.005	0.	0.022	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	12	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.013	0.018
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	6	0.3	0.308	0.6	0.15	0.024	0.156	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	13	0.4	0.4	0.5	0.2	0.01	0.1	0.24	0.3	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	7	1.2	1.22	1.7	0.47	0.182	0.427	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	13	1.2	1.192	1.7	0.4	0.182	0.427	0.44	1.	1.6	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	13	0.06	0.085	0.34	0.02	0.007	0.083	0.024	0.04	0.105	0.248
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	13	0.03	0.033	0.07	0.005	0.	0.019	0.005	0.02	0.04	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	12	0.021	0.026	0.076	0.001	0.001	0.024	0.002	0.005	0.031	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	12	3.4	3.575	5.6	2.5	0.815	0.903	2.56	2.925	4.2	5.33
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	7	34.	36.	48.	29.	45.667	6.758	**	**	**	**

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Annual Analysis for 1991 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	7	8.	9.186	13.	5.5	9.335	3.055	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	7	8.5	10.871	19.	5.8	26.646	5.162	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	7	2.2	2.686	4.	1.7	0.808	0.899	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	7	13.	15.143	27.	10.	33.81	5.815	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	7	28.	33.	50.	26.	76.667	8.756	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	7	0.1	0.136	0.2	0.05	0.004	0.063	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	13	3.2	3.631	7.	0.3	6.504	2.55	0.38	1.05	6.15	7.
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	4	14.	13.5	20.	6.	43.667	6.608	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	9.5	10.25	15.	7.	15.583	3.948	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	10	20.	21.5	30.	5.	78.056	8.835	5.5	17.5	30.	30.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	165.	161.	300.	14.	25804.	160.636	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	1.977	1.894	2.477	1.146	0.471	0.686	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			78.41								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	4	626.5	546.5	723.	210.	58603.	242.081	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	4	2.792	2.691	2.859	2.322	0.065	0.254	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			491.126								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	7	147.	171.429	235.	134.	1503.952	38.781	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	93.	90.	100.	77.	81.2	9.011	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	11	8.	13.545	45.	0.	246.823	15.711	0.8	4.	12.	44.8

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Annual Analysis for 1992 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	9	16.	15.722	29.5	6.	77.444	8.8	6.	8.	24.5	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	9	22.	20.222	27.	12.	36.444	6.037	12.	13.	25.5	27.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	7	768.	762.714	770.	740.	118.905	10.904	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	9	5780.	7723.889	22100.	15.	47604611.111	6899.609	15.	3150.	11800.	22100.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	9	3.56	3.853	5.01	3.01	0.437	0.661	3.01	3.375	4.48	5.01
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	5	4.3	8.36	20.	2.7	57.043	7.553	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	9	265.	288.	375.	226.	3900.5	62.454	226.	228.	351.	375.
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	8	10.45	10.	11.8	7.7	3.217	1.794	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	9	8.15	8.022	8.52	7.37	0.121	0.348	7.37	7.725	8.2	8.52
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	9	8.15	7.886	8.52	7.37	0.142	0.377	7.37	7.725	8.2	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	9	0.007	0.013	0.043	0.003	0.	0.012	0.003	0.006	0.019	0.043
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	8	7.95	8.038	8.7	7.8	0.086	0.292	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	8	7.947	7.975	8.7	7.8	0.09	0.3	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	8	0.011	0.011	0.016	0.002	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	2	67.	67.	81.	53.	392.	19.799	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	7	0.04	0.056	0.1	0.02	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	6	0.045	0.048	0.11	0.01	0.001	0.035	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	7	0.01	0.013	0.02	0.005	0.	0.006	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	7	0.4	0.386	0.5	0.3	0.008	0.09	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	6	1.5	1.42	1.8	0.92	0.122	0.349	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	7	1.7	1.443	1.7	0.9	0.116	0.341	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	7	0.08	0.079	0.12	0.04	0.001	0.028	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	7	0.05	0.053	0.09	0.03	0.001	0.024	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	7	0.03	0.038	0.07	0.02	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	7	4.	4.271	5.5	3.5	0.516	0.718	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	7	33.	33.714	41.	26.	43.571	6.601	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	7	7.6	7.657	11.	5.3	4.946	2.224	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	7	6.8	8.1	14.	5.4	10.71	3.273	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	7	2.5	2.471	3.2	1.7	0.342	0.585	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	7	11.	13.143	22.	9.	20.476	4.525	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	7	33.	31.571	40.	25.	33.286	5.769	**	**	**	**

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Annual Analysis for 1992 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	7	0.1	0.107	0.2	0.05	0.005	0.067	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	6	6.	4.967	6.3	1.4	3.771	1.942	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	2	5.5	5.5	9.	2.	24.5	4.95	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	6	40.	48.	110.	14.	1058.	32.527	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	4	12.	11.5	17.	5.	25.	5.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	7	30.	34.286	70.	20.	295.238	17.182	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	106.5	108.833	210.	24.	4768.567	69.055	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	6	2.018	1.939	2.322	1.38	0.121	0.348	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			86.995								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	125.5	242.667	760.	32.	81330.267	285.185	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	6	2.004	2.099	2.881	1.505	0.319	0.565	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			125.711								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	5	142.	161.2	210.	128.	1385.2	37.218	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	8	95.5	95.25	100.	84.	28.786	5.365	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	8	7.	14.875	48.	4.	248.982	15.779	**	**	**	**

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Annual Analysis for 1993 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	19	15.	16.021	32.	3.	87.486	9.353	3.4	8.	24.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	18	21.5	19.167	34.	7.5	69.235	8.321	8.4	10.75	26.25	29.5
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	15	765.	765.267	782.	755.	56.495	7.516	756.8	759.	769.	779.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	19	5710.	36936.579	186000.	825.	2843291516.813	53322.524	1640.	2270.	52200.	134000.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	19	3.55	5.197	12.23	2.67	8.216	2.866	2.88	3.	6.81	10.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	10	17.9	45.62	210.	0.5	4759.94	68.992	0.51	0.6	64.25	201.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	18	293.5	283.278	416.	169.	8423.036	91.777	174.4	183.	366.75	405.2
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	17	10.9	10.841	15.8	7.2	7.955	2.82	7.36	7.95	13.2	15.16
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	19	7.9	7.961	8.9	6.5	0.266	0.516	7.6	7.7	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	19	7.9	7.549	8.9	6.5	0.445	0.667	7.6	7.7	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	19	0.013	0.028	0.316	0.001	0.005	0.07	0.003	0.005	0.02	0.025
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	19	7.9	7.895	8.7	6.9	0.248	0.498	7.2	7.5	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	19	7.9	7.627	8.7	6.9	0.324	0.569	7.2	7.5	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	19	0.013	0.024	0.126	0.002	0.001	0.03	0.003	0.004	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	6	0.	48.333	148.	0.	5610.267	74.902	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	19	0.04	0.049	0.21	0.01	0.002	0.045	0.02	0.02	0.06	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	19	0.01	0.013	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	10	0.3	0.22	0.3	0.1	0.011	0.103	0.1	0.1	0.3	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	19	0.4	0.511	1.2	0.2	0.083	0.288	0.2	0.3	0.6	1.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	19	1.4	1.363	1.9	0.6	0.108	0.329	0.7	1.2	1.6	1.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	19	0.04	0.095	0.38	0.01	0.01	0.098	0.02	0.03	0.15	0.25
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	19	0.03	0.029	0.06	0.005	0.	0.015	0.01	0.02	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	19	0.03	0.026	0.09	0.005	0.	0.021	0.005	0.01	0.04	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	3	3.5	3.633	4.5	2.9	0.653	0.808	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	10	3.2	3.37	5.8	1.8	1.365	1.168	1.86	2.7	3.775	5.71
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	19	33.	32.368	49.	17.	120.468	10.976	19.	22.	41.	49.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	19	9.7	8.374	12.	3.5	12.265	3.502	4.1	4.7	12.	12.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	19	8.9	9.347	18.	3.8	25.249	5.025	4.1	4.5	15.	16.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	19	2.6	2.611	3.9	1.7	0.478	0.691	1.7	2.	3.1	3.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	19	14.	13.684	25.	6.	41.673	6.455	6.	8.	20.	24.

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Annual Analysis for 1993 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	19	31.	31.316	51.	16.	130.45	11.421	18.	21.	41.	50.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	19	0.1	0.134	0.2	0.05	0.004	0.067	0.05	0.05	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	19	5.9	4.942	7.9	0.4	5.17	2.274	0.9	3.	6.7	7.4
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	13	10.	28.654	100.	1.5	1075.474	32.794	2.9	7.	48.5	93.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	13	4.	4.577	9.	0.5	7.577	2.753	1.1	2.	7.	8.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	4	14.5	28.5	80.	5.	1219.	34.914	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	24.	1362.25	5400.	1.	7246350.917	2691.905	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	4	1.123	1.494	3.732	0.	2.687	1.639	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			31.223								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	5	380.	825.	3100.	12.	1667587.	1291.351	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	5	2.58	2.352	3.491	1.079	0.841	0.917	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			225.096								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	19	177.	163.053	248.	92.	2957.275	54.381	95.	109.	209.	248.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	6	89.5	89.833	96.	82.	30.567	5.529	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	13	14.	93.692	645.	3.	30694.397	175.198	3.4	7.5	107.	459.4

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Annual Analysis for 1994 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	7	11.	13.714	30.	2.	123.488	11.113	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	7	17.	16.714	34.	2.	123.238	11.101	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	7	764.	764.	771.	754.	29.	5.385	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	3	4050.	9666.667	22400.	2550.	122165833.333	11052.865	**	**	**	**
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	6	4.745	4.888	7.72	3.05	2.97	1.724	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	7	221.	252.714	315.	200.	2459.238	49.591	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	7	11.1	11.057	14.6	7.1	8.543	2.923	**	**	**	**
00400	PH (STANDARD UNITS)	01/02/73-07/08/94	7	7.6	7.736	8.4	7.1	0.201	0.448	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	7	7.6	7.564	8.4	7.1	0.235	0.485	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	7	0.025	0.027	0.079	0.004	0.001	0.025	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	6	7.45	7.433	7.8	7.1	0.067	0.258	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	6	7.447	7.372	7.8	7.1	0.071	0.267	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	6	0.036	0.042	0.079	0.016	0.001	0.024	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	6	0.045	0.038	0.06	0.005	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	6	0.02	0.017	0.02	0.01	0.	0.005	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	6 ##	0.1	0.15	0.3	0.1	0.007	0.084	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	6	0.4	0.35	0.6	0.1	0.047	0.217	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	6	1.45	1.3	1.8	0.5	0.224	0.473	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	6	0.04	0.04	0.05	0.03	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	6	0.01	0.012	0.02	0.005	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	6 ##	0.005	0.01	0.02	0.005	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	5	2.2	2.34	3.1	1.7	0.313	0.559	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	6	29.	30.333	41.	24.	39.867	6.314	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	6	6.05	7.033	11.	5.1	5.447	2.334	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	6	5.5	6.	9.2	4.3	3.448	1.857	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	6	1.75	1.833	2.5	1.3	0.159	0.398	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	6	9.5	9.833	15.	7.	9.767	3.125	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	6	25.	25.5	32.	20.	26.3	5.128	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	6	6.55	4.933	6.9	0.9	7.419	2.724	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	6	25.	28.667	66.	7.	596.267	24.419	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	6	9.	8.25	19.	0.5	47.775	6.912	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	2	20.	20.	27.	13.	98.	9.899	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	6	131.	143.	192.	111.	1135.6	33.699	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	290	24.95	23.501	32.2	10.5	24.585	4.958	14.91	20.5	27.2	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	156	23.5	22.597	35.	7.	31.99	5.656	14.5	19.5	26.375	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	39	766.	765.923	779.	756.	21.494	4.636	761.	762.	769.	771.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	276	3160.	8963.732	104000.	825.	293704867.07	17137.82	1396.	2090.	6100.	19620.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	36	3.08	3.166	5.49	2.67	0.257	0.507	2.69	2.808	3.295	3.67
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	38	3.65	13.158	150.	0.3	833.753	28.875	0.96	2.4	7.25	43.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	215	332.	336.07	562.	89.	6696.897	81.835	220.6	288.	386.	451.4
00300p	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	180	8.4	8.782	12.5	0.	2.143	1.464	7.5	7.9	9.4	10.9
00400p	PH (STANDARD UNITS)	01/02/73-07/08/94	283	8.1	8.108	9.	6.65	0.165	0.406	7.6	7.8	8.4	8.7
00400p	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	283	8.1	7.918	9.	6.65	0.201	0.448	7.6	7.8	8.4	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	283	0.008	0.012	0.224	0.001	0.	0.016	0.002	0.004	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	43	8.2	8.181	8.7	7.4	0.09	0.3	7.8	7.9	8.4	8.56
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	43	8.2	8.074	8.7	7.4	0.102	0.319	7.8	7.9	8.4	8.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	43	0.006	0.008	0.04	0.002	0.	0.007	0.003	0.004	0.013	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	122	1.	1.739	9.5	0.	3.58	1.892	0.2	0.5	1.9	5.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	140	84.5	84.614	127.	43.	245.606	15.672	64.1	75.	94.	105.
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	30	92.5	90.733	148.	0.	1025.513	32.024	53.8	83.5	106.25	134.5
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/10/87-07/08/94	14	123.5	119.643	151.	68.	428.863	20.709	85.	107.	133.75	145.5
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	30	218.	326.933	1030.	150.	50061.306	223.744	178.	190.5	414.25	676.1
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	47	1.3	1.587	4.7	0.58	1.029	1.014	0.734	0.93	1.8	3.6
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/02/79-01/09/86	94	1.	1.159	2.9	0.32	0.269	0.519	0.615	0.76	1.5	1.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	34	0.685	0.867	2.6	0.22	0.408	0.639	0.23	0.428	1.1	2.15
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/19/79-01/09/86	70	0.33	0.361	1.1	0.07	0.047	0.216	0.13	0.208	0.448	0.68
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	135	0.05	0.054	0.31	0.	0.002	0.045	0.01	0.02	0.078	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	50	0.04	0.106	0.9	0.	0.047	0.217	0.01	0.02	0.073	0.13
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	119	0.01	0.016	0.36	0.	0.001	0.033	0.005	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/26/74-11/18/92	35	0.01	0.015	0.06	0.	0.	0.013	0.	0.01	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	76	0.635	0.72	1.8	0.04	0.192	0.438	0.23	0.4	0.97	1.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/01/81	20	0.8	0.87	2.	0.	0.306	0.553	0.25	0.42	1.275	1.77
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	170	0.365	0.416	1.2	0.06	0.044	0.211	0.2	0.29	0.513	0.678
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	151	0.21	0.301	2.9	0.	0.159	0.399	0.	0.09	0.34	0.548
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	216	0.6	0.7	3.5	0.17	0.207	0.455	0.3	0.42	0.793	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	55	0.54	0.657	2.	0.01	0.28	0.529	0.032	0.13	1.1	1.34
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	192	0.7	0.798	4.5	0.03	0.263	0.513	0.3	0.4	1.075	1.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/73-01/27/81	35	0.04	0.118	0.83	0.	0.035	0.188	0.002	0.009	0.15	0.316
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	217	0.07	0.11	0.76	0.02	0.015	0.123	0.04	0.053	0.1	0.222
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	194	0.03	0.039	0.17	0.	0.001	0.03	0.01	0.018	0.051	0.089
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	61	0.03	0.032	0.09	0.005	0.001	0.024	0.005	0.01	0.045	0.07
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	54	5.15	6.002	13.	1.6	8.71	2.951	3.15	3.975	7.5	11.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	23	3.9	4.643	11.	2.7	4.098	2.024	2.74	3.1	5.9	7.34
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	03/08/73-09/28/81	18	19.5	20.556	32.	12.	28.026	5.294	13.8	17.	25.25	28.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	140	120.	112.621	180.	15.	1108.956	33.301	54.	98.	134.	148.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	133	36.	36.263	74.	6.	162.195	12.736	23.4	26.	44.	53.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	77	34.	34.325	52.	18.	61.196	7.823	23.	28.5	41.	44.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	77	9.5	9.243	13.	3.6	7.088	2.662	4.92	7.65	12.	12.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	77	15.	15.696	39.	1.6	70.169	8.377	5.48	8.9	21.5	27.2
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	66	0.9	0.7	1.4	0.1	0.089	0.298	0.3	0.4	0.9	1.
00932	SODIUM, PERCENT	02/05/73-11/07/85	66	25.5	24.712	36.	2.	84.824	9.21	12.7	15.75	34.	34.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	77	2.9	3.008	4.3	1.7	0.262	0.512	2.4	2.6	3.4	3.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	82	16.	16.549	37.	4.	52.498	7.246	6.	11.	20.25	28.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	95	44.	45.947	100.	11.	330.391	18.177	20.6	34.	57.	68.2
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	75	0.1	0.15	0.5	0.05	0.005	0.071	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	213	4.5	4.39	27.	0.	7.958	2.821	0.64	2.6	6.3	7.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/08/73-11/16/93	27 ##	0.5	0.852	3.	0.	0.4	0.633	0.4	0.5	1.	2.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/19/74-09/21/82	16	0.5	0.594	2.	0.	0.307	0.554	0.	0.	1.	1.3
01002	ARSENIC, TOTAL (UG/L AS AS)	09/20/73-08/12/92	21	1.	1.095	2.	0.	0.34	0.584	0.5	0.75	1.5	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-05/03/94	19	40.	42.421	100.	0.	378.924	19.466	26.	32.	49.	63.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	12/01/82-05/03/94	11 ##	0.25	0.377	1.	0.	0.087	0.295	0.05	0.25	0.6	0.96
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	03/08/73-05/03/94	27 ##	0.5	1.667	30.	0.	33.038	5.748	0.	0.	0.5	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/19/74-09/28/81	15	0.	0.333	5.	0.	1.667	1.291	0.	0.	0.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	27 ##	0.	0.741	10.	0.	3.719	1.928	0.	0.	1.	1.2
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	03/08/73-05/03/94	27 ##	1.	3.278	20.	0.	21.391	4.625	0.	0.5	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	27 ##	10.	10.481	40.	0.	62.182	7.886	0.	7.	10.	20.
01035p	COBALT, DISSOLVED (UG/L AS CO)	03/08/73-05/03/94	30 ##	1.	0.867	4.	0.	0.861	0.928	0.	0.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	06/19/74-09/28/81	15	0.	1.933	19.	0.	23.781	4.877	0.	0.	3.	9.4
01037	COBALT, TOTAL (UG/L AS CO)	09/20/73-09/21/82	18 ##	0.	1.75	19.	0.	20.125	4.486	0.	0.	1.5	5.5
01040p	COPPER, DISSOLVED (UG/L AS CU)	03/08/73-05/03/94	27	2.	2.741	10.	0.	4.969	2.229	0.	2.	3.	6.2
01041	COPPER, SUSPENDED (UG/L AS CU)	06/19/74-09/21/82	16	4.5	5.938	31.	0.	52.463	7.243	0.	3.	6.5	16.3
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	27	5.	6.259	34.	0.	45.892	6.774	0.	3.	7.	13.4
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	35	830.	4561.714	24000.	260.	51508044.034	7176.91	358.	400.	4800.	17600.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	52	14.5	33.231	140.	1.	1340.054	36.607	4.3	6.	50.	90.
01049p	LEAD, DISSOLVED (UG/L AS PB)	03/08/73-05/03/94	28	2.5	5.714	34.	0.5	58.36	7.639	0.5	1.	6.75	17.6
01050	LEAD, SUSPENDED (UG/L AS PB)	06/19/74-09/21/82	15	53.	95.733	480.	0.	16686.924	129.178	0.	3.	140.	324.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	28	18.	108.482	1300.	0.5	65280.916	255.501	2.9	7.	78.5	264.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	33	100.	245.152	1200.	20.	98182.008	313.34	40.	65.	265.	790.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	35	100.	244.857	1200.	30.	93090.42	305.107	56.	80.	180.	766.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	51	6.	7.667	25.	0.	27.187	5.214	3.	5.	10.	16.2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	12/01/82-05/03/94	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/79-05/03/94	17	2.	1.735	4.	0.5	1.222	1.106	0.5	1.	2.	4.
01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-05/03/94	19 ##	0.5	0.526	2.	0.	0.152	0.39	0.	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/01/82-05/03/94	14	210.	195.	240.	100.	2119.231	46.035	120.	155.	240.	240.
01085	VANADIUM, DISSOLVED (UG/L AS V)	12/01/82-05/03/94	14 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	03/08/73-05/03/94	27 ##	5.	12.315	83.	0.	451.311	21.244	0.	1.5	10.	40.
01091	ZINC, SUSPENDED (UG/L ZN)	06/19/74-09/28/81	15	20.	19.133	70.	0.	268.41	16.383	4.2	10.	20.	46.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	27	20.	29.444	150.	5.	1012.179	31.815	10.	10.	30.	90.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	45	30.	51.889	300.	0.	3837.828	61.95	5.	20.	65.	100.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/01/82-05/03/94	14	7.	6.929	13.	2.	12.533	3.54	2.	4.	8.75	13.
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	03/08/73-05/03/94	30 ##	0.5	0.55	4.	0.	0.454	0.674	0.	0.5	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	03/26/74-09/21/82	19 ##	0.5	0.526	3.	0.	0.402	0.634	0.	0.5	0.5	0.5
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	17	4.	4.244	7.4	1.35	1.801	1.342	1.95	3.8	4.95	6.2
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	17	0.6	1.141	10.	0.2	5.32	2.307	0.2	0.3	0.85	3.2
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	46	57.5	927.348	11000.	0.	7169426.232	2677.578	6.5	12.	232.5	2220.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	46	1.759	1.822	4.041	0.	1.008	1.004	0.775	1.079	2.365	3.301
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			66.343								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	46	550.	1518.391	23000.	0.	11861240.555	3444.015	74.2	215.	1655.	3029.9
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	46	2.74	2.673	4.362	0.	0.671	0.819	1.848	2.322	3.219	3.481
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			470.954								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/10/87-07/08/94	14	104.5	103.357	124.	84.	172.247	13.124	86.	90.25	114.75	123.5
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	73	15000.	24616.849	120000.	0.	723107266.324	26890.654	914.	3400.	39000.	57600.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	64	209.5	207.266	313.	103.	1999.627	44.717	149.	179.5	239.25	260.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	64	139.5	154.703	280.	81.	2794.847	52.866	107.	110.	190.	234.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	65	1260.	4538.292	37900.	84.	68391799.179	8269.933	84.	84.	2565.	18540.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	65	0.21	0.232	0.43	0.12	0.006	0.079	0.156	0.17	0.3	0.344
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	60	93.	88.45	100.	45.	171.167	13.083	75.1	83.25	98.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/27/79-11/07/85	3	97.	97.333	99.	96.	2.333	1.528	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/27/79-11/07/85	3	100.	99.333	100.	98.	1.333	1.155	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/27/79-11/07/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/27/79-11/07/85	3	52.	54.	67.	43.	147.	12.124	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/27/79-11/07/85	3	59.	63.667	75.	57.	97.333	9.866	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/27/79-11/07/85	3	73.	76.333	86.	70.	72.333	8.505	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/27/79-11/07/85	3	81.	82.333	90.	76.	50.333	7.095	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/76-11/18/92	26	0.04	0.053	0.23	0.	0.002	0.049	0.007	0.02	0.07	0.126
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	99	0.08	0.187	0.66	0.	0.057	0.24	0.01	0.04	0.17	0.66
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	68	2.8	3.218	7.9	0.1	4.081	2.02	1.	1.6	4.375	6.6
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	74	0.03	0.064	1.2	0.	0.019	0.139	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	31	0.25	0.622	2.3	0.09	0.504	0.71	0.12	0.18	0.8	1.88
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	47	5.5	7.066	21.	2.6	20.946	4.577	3.26	4.1	7.9	16.
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/19/73-11/16/93	26 ##	0.25	0.2	0.6	0.	0.022	0.149	0.05	0.05	0.25	0.43

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/19/74-09/21/82	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	26 ##	0.25	0.187	0.5	0.	0.013	0.115	0.05	0.05	0.25	0.265
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	08/28/74-03/02/87	10	0.215	0.217	0.34	0.05	0.007	0.084	0.061	0.168	0.3	0.336
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/28/74-09/14/93	17 ##	0.85	1.209	3.7	0.2	0.774	0.879	0.28	0.75	1.725	2.5
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/28/74-09/14/93	17	0.5	1.718	20.	0.2	22.352	4.728	0.2	0.3	1.05	5.12
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	17	3.4	3.426	5.9	1.15	1.093	1.045	1.83	3.	3.75	4.94
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	17	0.6	0.959	7.3	0.2	2.745	1.657	0.2	0.3	0.75	2.5
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	321	29.	140.701	1169.	0.	49926.356	223.442	11.	17.	164.	520.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	147	184.	11718.728	173000.	17.	1190567789.035	34504.605	71.6	102.	899.	27540.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	378	6.	5.747	18.	0.	12.557	3.544	1.	2.975	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	150	9.	8.345	22.	-5.	32.565	5.707	2.04	5.	12.625	16.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	54	767.	766.037	784.	740.	65.319	8.082	756.5	760.5	771.	775.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	383	13200.	29474.076	318000.	15.	1706696700.321	41312.186	3400.	7050.	39500.	67574.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	46	4.36	5.27	17.94	2.84	9.396	3.065	2.895	3.558	6.04	9.323
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	56	4.	72.389	2700.	0.2	130089.752	360.68	0.6	1.9	25.75	99.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	310	260.	273.69	561.	81.	9648.202	98.225	162.	205.25	311.5	435.9
00300p	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	264	13.6	13.688	18.8	7.1	2.128	1.459	11.75	12.9	14.8	15.45
00400p	PH (STANDARD UNITS)	01/02/73-07/08/94	366	7.9	7.942	9.2	6.5	0.156	0.395	7.5	7.7	8.2	8.415
00400p	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	366	7.9	7.755	9.2	6.5	0.191	0.437	7.5	7.7	8.2	8.415
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	366	0.013	0.018	0.316	0.001	0.001	0.028	0.004	0.006	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	73	7.9	7.892	9.1	6.9	0.157	0.396	7.3	7.6	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	73	7.9	7.719	9.1	6.9	0.187	0.432	7.3	7.6	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	73	0.013	0.019	0.126	0.001	0.	0.02	0.005	0.007	0.025	0.05
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	96	1.6	1.722	8.4	0.	0.902	0.95	0.9	1.3	1.9	2.73
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	157	66.	68.042	140.	0.6	553.426	23.525	41.8	53.	80.5	100.4
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	29	89.	91.276	157.	0.	1289.064	35.904	51.	70.	120.	150.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/10/87-07/08/94	15	82.	84.2	157.	42.	874.886	29.578	50.4	65.	95.	140.8
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	37	137.	187.919	517.	113.	12809.688	113.18	116.	127.	183.	424.4
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	52	1.9	2.088	4.1	1.1	0.552	0.743	1.3	1.6	2.475	3.27
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/02/79-01/09/86	146	1.7	1.76	4.6	0.28	0.331	0.576	1.1	1.4	2.025	2.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	70	0.4	0.55	2.4	0.04	0.192	0.439	0.171	0.26	0.722	1.19
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/19/79-01/09/86	97	0.28	0.332	1.1	0.	0.044	0.21	0.108	0.21	0.39	0.61
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	180	0.05	0.069	1.1	0.	0.012	0.11	0.	0.01	0.09	0.15
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	91	0.06	0.08	1.	0.	0.014	0.117	0.01	0.02	0.11	0.168
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	155	0.01	0.016	0.12	0.	0.	0.012	0.005	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/26/74-11/18/92	68	0.02	0.026	0.33	0.	0.002	0.043	0.	0.01	0.03	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	106	1.4	1.479	2.8	0.19	0.174	0.417	0.984	1.3	1.7	2.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/01/81	31	1.5	1.546	2.5	0.8	0.195	0.441	0.908	1.2	1.8	2.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	230	0.31	0.375	2.2	0.	0.08	0.283	0.1	0.22	0.433	0.69
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	205	0.18	0.392	8.3	0.	0.496	0.704	0.	0.04	0.5	1.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	286	0.5	0.695	8.9	0.	0.512	0.715	0.2	0.3	0.883	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	61	1.4	1.431	2.5	0.53	0.174	0.418	0.862	1.15	1.65	2.04
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	262	1.4	1.414	2.8	0.2	0.186	0.431	0.9	1.2	1.7	1.97
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/73-01/27/81	34	0.06	0.089	0.49	0.	0.012	0.111	0.	0.03	0.095	0.295
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	290	0.071	0.142	2.2	0.005	0.038	0.194	0.03	0.04	0.164	0.36
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	270	0.04	0.043	0.2	0.	0.001	0.026	0.016	0.03	0.054	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	90	0.03	0.029	0.09	0.	0.	0.022	0.005	0.01	0.04	0.06
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	68	4.5	6.001	29.	1.8	23.172	4.814	2.5	3.5	7.5	10.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	27	3.4	3.644	9.2	1.2	3.836	1.958	1.84	2.2	4.8	6.58
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	03/08/73-09/28/81	27	15.	16.781	28.	8.5	22.297	4.722	11.52	14.	20.	24.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	138	89.	94.348	200.	43.	713.834	26.718	65.	76.	110.	130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	122	28.	28.287	58.	11.	73.033	8.546	17.	22.	33.25	39.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	102	29.	30.392	58.	13.	98.617	9.931	19.	23.	36.	47.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	102	6.3	6.569	13.	2.5	5.559	2.358	3.9	4.8	7.875	9.81
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	102	8.25	9.775	32.	2.4	35.808	5.984	4.4	5.7	11.	17.
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	64	0.4	0.423	1.	0.1	0.03	0.174	0.25	0.3	0.5	0.65
00932	SODIUM, PERCENT	02/05/73-11/07/85	64	16.	16.391	28.	7.	16.051	4.006	12.	13.	19.	22.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	102	2.	2.235	4.	1.2	0.395	0.628	1.6	1.8	2.7	3.17
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	122	10.5	12.123	40.	1.	36.786	6.065	7.	8.	13.	21.
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	113	28.	33.876	96.	16.	236.592	15.382	19.4	26.	37.5	50.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	102	0.1	0.138	1.4	0.05	0.028	0.166	0.05	0.05	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	285	5.2	4.608	10.	0.	5.355	2.314	0.5	3.1	6.5	7.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/08/73-11/16/93	36 ##	0.5	0.625	1.	0.	0.077	0.277	0.5	0.5	1.	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/19/74-09/21/82	16	0.5	0.625	2.	0.	0.417	0.645	0.	0.	1.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	09/20/73-08/12/92	20	1.	1.	3.	0.	0.447	0.669	0.5	0.5	1.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-05/03/94	31	38.	39.419	100.	0.	222.785	14.926	27.4	33.	44.	50.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	12/01/82-05/03/94	19 ##	0.25	0.35	1.2	0.	0.065	0.254	0.25	0.25	0.5	0.7
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	03/08/73-05/03/94	37 ##	0.5	0.959	12.	0.	3.908	1.977	0.	0.5	1.	2.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/19/74-09/28/81	13	0.	0.308	2.	0.	0.564	0.751	0.	0.	0.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	24	0.	0.708	3.	0.	0.998	0.999	0.	0.	1.	2.5
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	03/08/73-05/03/94	36 ##	0.5	3.111	30.	0.	34.387	5.864	0.	0.125	2.875	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	24	10.	12.583	40.	0.	94.775	9.735	0.5	8.5	18.	30.
01035p	COBALT, DISSOLVED (UG/L AS CO)	03/08/73-05/03/94	40 ##	1.5	0.975	4.	0.	0.692	0.832	0.	0.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	06/19/74-09/28/81	13	0.	1.077	4.	0.	2.577	1.605	0.	0.	2.5	4.
01037	COBALT, TOTAL (UG/L AS CO)	09/20/73-09/21/82	18	1.	1.583	6.	0.	3.36	1.833	0.	0.	3.	4.2
01040p	COPPER, DISSOLVED (UG/L AS CU)	03/08/73-05/03/94	37	1.	1.892	10.	0.	4.252	2.062	0.	0.5	3.	5.
01041	COPPER, SUSPENDED (UG/L AS CU)	06/19/74-09/21/82	16	1.	3.125	10.	0.	14.117	3.757	0.	0.	6.	10.
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	25	4.	5.88	25.	0.	35.443	5.953	0.	1.	10.	13.4
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	41	2000.	3815.61	30000.	130.	35216925.244	5934.385	160.	310.	4600.	9500.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	69	40.	67.42	740.	0.	9754.424	98.764	13.	25.5	73.5	170.
01049p	LEAD, DISSOLVED (UG/L AS PB)	03/08/73-05/03/94	49	2.5	5.653	60.	0.	111.252	10.548	0.	0.5	5.	16.
01050	LEAD, SUSPENDED (UG/L AS PB)	06/19/74-09/21/82	24	7.	25.042	190.	0.	2172.65	46.612	0.	0.25	27.	104.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	37	12.	34.243	190.	0.	2314.134	48.105	2.4	8.	36.5	110.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	39	120.	180.59	970.	0.	46892.038	216.546	9.	20.	220.	410.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	42	115.	194.286	970.	5.	46011.672	214.503	20.	40.	240.	475.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	69	12.	20.435	240.	3.	1041.543	32.273	5.	7.	20.	30.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	12/01/82-05/03/94	21 ##	5.	5.238	10.	5.	1.19	1.091	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/79-05/03/94	28	1.	1.429	5.	0.	1.384	1.176	0.45	0.5	2.	3.1
01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-05/03/94	32 ##	0.5	0.391	1.	0.	0.06	0.245	0.	0.125	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/01/82-05/03/94	22	145.	151.364	260.	58.	3677.576	60.643	78.4	92.5	210.	244.
01085	VANADIUM, DISSOLVED (UG/L AS V)	12/01/82-05/03/94	22 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	03/08/73-05/03/94	37	10.	10.297	39.	0.	96.52	9.824	0.	1.75	13.	27.6
01091	ZINC, SUSPENDED (UG/L ZN)	06/19/74-09/28/81	13	10.	16.154	50.	0.	208.974	14.456	0.	10.	20.	46.
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	25	30.	43.2	400.	0.	5847.667	76.47	10.	20.	40.	66.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	70	35.	80.229	700.	0.	12218.063	110.535	5.	20.	100.	200.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/01/82-05/03/94	22	5.	5.682	13.	2.	8.037	2.835	2.	4.75	6.25	10.7
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	03/08/73-05/03/94	39 ##	0.5	0.744	10.	0.	2.683	1.638	0.	0.5	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	03/26/74-09/21/82	18 ##	0.5	0.333	1.	0.	0.088	0.297	0.	0.	0.5	0.55
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	15	2.5	2.583	3.9	1.15	0.574	0.758	1.48	2.	3.1	3.84
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	15	1.4	3.52	29.	0.2	51.99	7.21	0.2	0.3	3.2	14.54
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	52	61.5	1034.135	30000.	0.	17712589.207	4208.633	2.	6.	363.75	1700.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	52	1.789	1.787	4.477	-0.301	1.31	1.145	0.301	0.778	2.56	3.23
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			61.27								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	54	265.	3628.	67000.	0.	137890824.151	11742.692	3.5	40.25	900.	8250.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	54	2.423	2.307	4.826	0.	1.331	1.154	0.54	1.601	2.954	3.911
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			202.618								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/10/87-07/08/94	17	62.	72.353	129.	34.	927.243	30.451	40.4	49.5	99.	123.4
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	63	2900.	5926.19	39000.	250.	66276920.737	8141.064	958.	1200.	6200.	17200.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	83	150.	164.711	324.	70.	2834.306	53.238	109.8	134.	193.	246.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	63	130.	136.841	284.	63.	1837.684	42.868	88.	104.	161.	190.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	61	6610.	8417.541	37200.	1480.	34405108.852	5865.587	2342.	4020.	12650.	14480.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	62	0.2	0.207	0.44	0.1	0.005	0.07	0.13	0.16	0.235	0.287
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	88	92.	89.466	100.	46.	132.413	11.507	71.9	86.	97.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/27/79-11/07/85	22	98.5	95.773	100.	75.	32.755	5.723	89.	93.	99.	99.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/27/79-11/07/85	21	99.	97.381	100.	79.	25.348	5.035	91.	97.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/27/79-11/07/85	11	100.	97.273	100.	87.	19.018	4.361	88.2	93.	100.	100.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/27/79-11/07/85	23	47.	49.	74.	39.	56.364	7.508	41.4	46.	50.	60.8
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/27/79-11/07/85	23	64.	64.522	91.	51.	68.261	8.262	52.8	61.	67.	75.8
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/27/79-11/07/85	23	79.	78.217	97.	62.	59.36	7.705	67.	72.	83.	87.6
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/27/79-11/07/85	23	90.	87.043	99.	64.	58.953	7.678	78.2	82.	92.	94.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/76-11/18/92	36	0.04	0.048	0.16	0.	0.002	0.044	0.	0.02	0.075	0.12
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	127	0.06	0.093	1.4	0.	0.024	0.156	0.	0.01	0.12	0.19
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	105	6.2	6.478	12.	0.8	3.299	1.816	4.36	5.6	7.5	9.06
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	105	0.03	0.057	0.39	0.	0.002	0.047	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	50	0.31	0.706	6.7	0.06	1.212	1.101	0.12	0.15	0.778	1.68
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	52	8.4	9.267	18.	4.7	10.901	3.302	5.8	6.975	11.	14.7
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/19/73-11/16/93	32 ##	0.075	0.15	0.5	0.	0.017	0.132	0.05	0.05	0.25	0.285
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/19/74-09/21/82	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	27 ##	0.2	0.178	0.5	0.	0.011	0.106	0.05	0.1	0.25	0.25
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	08/28/74-03/02/87	9	0.09	0.12	0.26	0.02	0.007	0.085	0.02	0.055	0.205	0.26
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/28/74-09/14/93	15 ##	0.7	0.9	3.2	0.2	0.769	0.877	0.2	0.3	0.9	2.72
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/28/74-09/14/93	15	2.6	4.767	32.	0.2	66.225	8.138	0.2	0.3	4.4	19.4
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	15	2.1	2.2	3.4	1.	0.467	0.683	1.24	1.8	2.5	3.34
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	15	1.3	3.167	25.	0.2	38.615	6.214	0.2	0.3	3.3	12.82
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	312	32.	125.761	2994.	0.	56998.117	238.743	4.	10.	149.75	383.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	242	2005.	25677.147	358000.	0.	3279692746.824	57268.602	58.9	207.5	15400.	84660.

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Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/73-07/08/94	245	17.	17.671	28.	4.5	27.788	5.271	10.84	14.	22.5	24.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/73-07/08/94	107	19.	19.428	52.	1.5	53.99	7.348	10.8	15.5	24.	28.
00025	BAROMETRIC PRESSURE (MM OF HG)	12/01/82-07/08/94	25	765.	765.16	773.	755.	23.807	4.879	758.	761.5	769.	771.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/05/73-07/08/94	275	11990.	19806.695	102600.	2820.	315305833.505	17756.853	5311.	7405.	24100.	47780.
00065	STAGE, STREAM (FEET)	04/20/83-07/08/94	25	4.2	4.49	6.81	3.14	1.472	1.213	3.242	3.52	5.39	6.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/78-05/03/94	30	8.1	22.	120.	0.5	816.234	28.57	1.11	3.075	25.	66.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/73-07/08/94	204	240.	236.466	355.	160.	2045.757	45.23	170.	199.	269.75	293.
00300p	OXYGEN, DISSOLVED MG/L	01/02/73-07/08/94	173	10.	9.876	13.6	0.	2.596	1.611	8.08	9.	10.8	12.1
00400p	PH (STANDARD UNITS)	01/02/73-07/08/94	228	8.	7.991	9.	6.7	0.191	0.437	7.4	7.7	8.3	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/02/73-07/08/94	228	8.	7.776	9.	6.7	0.237	0.487	7.4	7.7	8.3	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/73-07/08/94	228	0.01	0.017	0.2	0.001	0.	0.021	0.003	0.005	0.02	0.04
00403	PH, LAB, STANDARD UNITS SU	10/27/80-06/09/94	36	7.9	7.892	8.6	7.1	0.169	0.412	7.3	7.525	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/80-06/09/94	36	7.9	7.712	8.6	7.1	0.203	0.45	7.3	7.525	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/80-06/09/94	36	0.013	0.019	0.079	0.003	0.	0.018	0.003	0.005	0.03	0.05
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/73-10/15/80	66	1.55	1.988	5.4	0.2	2.254	1.501	0.5	1.1	2.125	5.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/73-03/06/93	95	68.	66.789	96.	36.	237.913	15.424	42.6	57.	77.	87.2
00440	BICARBONATE ION (MG/L AS HCO3)	02/05/73-11/01/93	19	93.	87.789	112.	0.	653.287	25.559	62.	82.	103.	112.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/10/87-07/08/94	9	101.	97.667	128.	54.	567.5	23.822	54.	79.5	118.5	128.
00500	RESIDUE, TOTAL (MG/L)	01/02/73-04/16/81	25	187.	224.84	553.	61.	20049.14	141.595	94.6	132.5	227.	507.6
00600	NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/28/81	49	1.6	1.827	3.5	0.	0.691	0.831	1.	1.2	2.4	3.3
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/02/79-01/09/86	95	1.4	1.423	3.6	0.41	0.227	0.476	0.876	1.1	1.6	1.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/05/73-01/09/86	37	0.64	0.869	2.2	0.	0.432	0.657	0.158	0.33	1.4	2.02
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/19/79-01/09/86	63	0.25	0.278	0.72	0.	0.024	0.156	0.124	0.16	0.39	0.536
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/02/73-07/08/94	107	0.04	0.06	0.7	0.	0.007	0.082	0.01	0.02	0.071	0.122
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/74-11/18/92	46	0.05	0.064	0.15	0.005	0.002	0.043	0.01	0.038	0.103	0.14

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Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-07/08/94	102	0.01	0.019	0.5	0.	0.002	0.049	0.005	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/26/74-11/18/92	27	0.02	0.021	0.04	0.01	0.	0.008	0.01	0.01	0.03	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/05/73-01/09/86	75	1.2	1.128	2.4	0.1	0.157	0.396	0.61	0.9	1.39	1.482
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/26/74-09/01/81	25	1.2	1.122	1.4	0.74	0.062	0.25	0.796	0.84	1.4	1.4
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/11/77-07/08/94	176	0.27	0.321	1.6	0.05	0.041	0.201	0.14	0.2	0.38	0.576
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	12/19/77-01/09/86	153	0.18	0.25	1.7	0.	0.089	0.299	0.004	0.07	0.28	0.538
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-07/08/94	205	0.49	0.602	2.3	0.	0.159	0.398	0.286	0.36	0.7	1.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/26/74-11/18/92	51	1.1	1.021	1.4	0.19	0.098	0.312	0.528	0.8	1.3	1.4
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/19/73-07/08/94	186	1.	1.006	2.9	0.1	0.125	0.354	0.6	0.775	1.2	1.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/73-01/27/81	30	0.03	0.064	0.55	0.	0.014	0.12	0.	0.	0.06	0.261
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/05/73-07/08/94	206	0.06	0.092	0.63	0.	0.009	0.094	0.03	0.04	0.1	0.177
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/77-07/08/94	191	0.02	0.025	0.083	0.	0.	0.018	0.01	0.01	0.037	0.051
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/78-07/08/94	56	0.005	0.017	0.06	0.	0.	0.019	0.	0.005	0.03	0.05
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-05/03/94	53	5.2	5.758	16.	1.1	9.18	3.03	2.94	3.6	7.	11.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-07/08/94	27	2.9	3.152	5.6	1.5	1.56	1.249	1.7	2.1	3.8	5.24
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	03/08/73-09/28/81	26	20.	18.538	23.	0.	22.258	4.718	14.4	17.5	21.25	23.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/73-11/07/85	90	88.	87.422	140.	48.	460.494	21.459	54.4	68.	104.5	113.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/73-11/07/85	81	27.	27.642	49.	11.	42.583	6.526	20.	24.	31.	34.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/05/73-06/09/94	66	31.	29.545	41.	19.	29.913	5.469	21.	26.	33.	36.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/05/73-06/09/94	66	6.7	6.723	11.	4.	2.612	1.616	4.57	5.45	7.8	8.91
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/05/73-06/09/94	66	7.4	7.92	19.	3.7	7.952	2.82	4.78	5.725	9.5	12.
00931	SODIUM ADSORPTION RATIO	02/05/73-11/07/85	47	0.4	0.449	0.9	0.2	0.053	0.231	0.2	0.3	0.5	0.9
00932	SODIUM, PERCENT	02/05/73-11/07/85	47	15.	17.894	34.	9.	62.184	7.886	11.	13.	19.	34.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/05/73-06/09/94	66	1.9	1.998	3.5	1.3	0.18	0.424	1.5	1.7	2.2	2.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/02/73-06/09/94	77	9.	9.221	21.	4.	9.359	3.059	6.	7.	11.	14.
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/05/73-06/09/94	78	29.	30.192	54.	15.	70.027	8.368	20.	24.	34.	42.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	02/05/73-06/09/94	66	0.1	0.106	0.3	0.05	0.002	0.048	0.05	0.1	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/05/73-06/09/94	202	4.05	4.106	8.1	0.	5.998	2.449	1.1	1.7	6.6	7.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/08/73-11/16/93	19	0.5	0.763	2.	0.	0.288	0.537	0.	0.5	1.	2.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/19/74-09/21/82	9 ##	0.5	0.333	1.	0.	0.125	0.354	0.	0.	0.5	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	09/20/73-08/12/92	11	1.	1.091	3.	0.	0.791	0.889	0.1	0.5	2.	2.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-05/03/94	16	38.	35.875	50.	0.	120.517	10.978	20.3	32.75	40.75	45.8
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	12/01/82-05/03/94	10 ##	0.25	0.35	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	03/08/73-05/03/94	20 ##	0.5	0.575	3.	0.	0.77	0.878	0.	0.	0.5	2.8
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/19/74-09/28/81	8	0.	0.125	1.	0.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/20/73-08/12/92	21	0.	0.262	1.	0.	0.19	0.436	0.	0.	0.75	1.
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	03/08/73-05/03/94	19 ##	0.5	4.263	30.	0.	53.982	7.347	0.	0.5	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/20/73-08/12/92	21	10.	10.333	20.	2.	31.333	5.598	4.	6.	13.	20.
01035p	COBALT, DISSOLVED (UG/L AS CO)	03/08/73-05/03/94	22 ##	1.5	1.	3.	0.	0.714	0.845	0.	0.	1.5	1.85
01036	COBALT, SUSPENDED (UG/L AS CO)	06/19/74-09/28/81	8	0.5	1.875	11.	0.	14.125	3.758	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	09/20/73-09/21/82	9	1.	2.333	11.	0.	11.5	3.391	0.	0.5	2.5	11.
01040p	COPPER, DISSOLVED (UG/L AS CU)	03/08/73-05/03/94	20	2.	2.45	8.	0.	5.734	2.395	0.	0.25	3.	7.7
01041	COPPER, SUSPENDED (UG/L AS CU)	06/19/74-09/21/82	9	5.	7.333	25.	0.	73.5	8.573	0.	0.5	13.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/20/73-08/12/92	21	5.	7.071	28.	0.	44.507	6.671	0.1	3.5	9.5	16.8
01045	IRON, TOTAL (UG/L AS FE)	09/20/73-09/21/82	39	980.	2772.051	9600.	70.	9279264.103	3046.188	100.	440.	5000.	8800.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/08/73-06/09/94	53	33.	35.481	110.	0.	785.403	28.025	5.	10.	54.	80.
01049p	LEAD, DISSOLVED (UG/L AS PB)	03/08/73-05/03/94	20	2.5	3.475	18.	0.	17.802	4.219	0.05	0.5	4.75	8.8
01050	LEAD, SUSPENDED (UG/L AS PB)	06/19/74-09/21/82	9	9.	28.778	110.	1.	1439.694	37.943	1.	3.5	57.	110.
01051	LEAD, TOTAL (UG/L AS PB)	09/20/73-08/12/92	21	12.	32.071	260.	0.5	3616.057	60.134	4.	6.5	16.	116.8
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/19/74-09/21/82	33	100.	184.545	670.	0.	39875.568	199.689	24.	45.	250.	512.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/73-09/21/82	40	120.	237.375	700.	5.	52667.933	229.495	21.	50.	500.	623.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/73-06/09/94	50	5.	6.04	20.	0.	26.886	5.185	1.	2.75	8.	14.9
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	12/01/82-05/03/94	12 ##	5.	5.875	20.	0.5	21.46	4.633	1.85	5.	5.	15.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/79-05/03/94	15	2.	1.7	5.	0.	1.921	1.386	0.3	0.5	3.	3.8
01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-05/03/94	17 ##	0.5	0.412	1.	0.	0.07	0.264	0.	0.25	0.5	0.6
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/01/82-05/03/94	12	120.	129.917	180.	89.	970.992	31.161	89.3	102.5	157.5	177.
01085	VANADIUM, DISSOLVED (UG/L AS V)	12/01/82-05/03/94	12 ##	3.	3.25	6.	3.	0.75	0.866	3.	3.	3.	5.1
01090p	ZINC, DISSOLVED (UG/L AS ZN)	03/08/73-05/03/94	20	2.	6.625	37.	0.	79.944	8.941	0.	0.375	10.	16.
01091	ZINC, SUSPENDED (UG/L ZN)	06/19/74-09/28/81	7	20.	37.143	120.	10.	1490.476	38.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

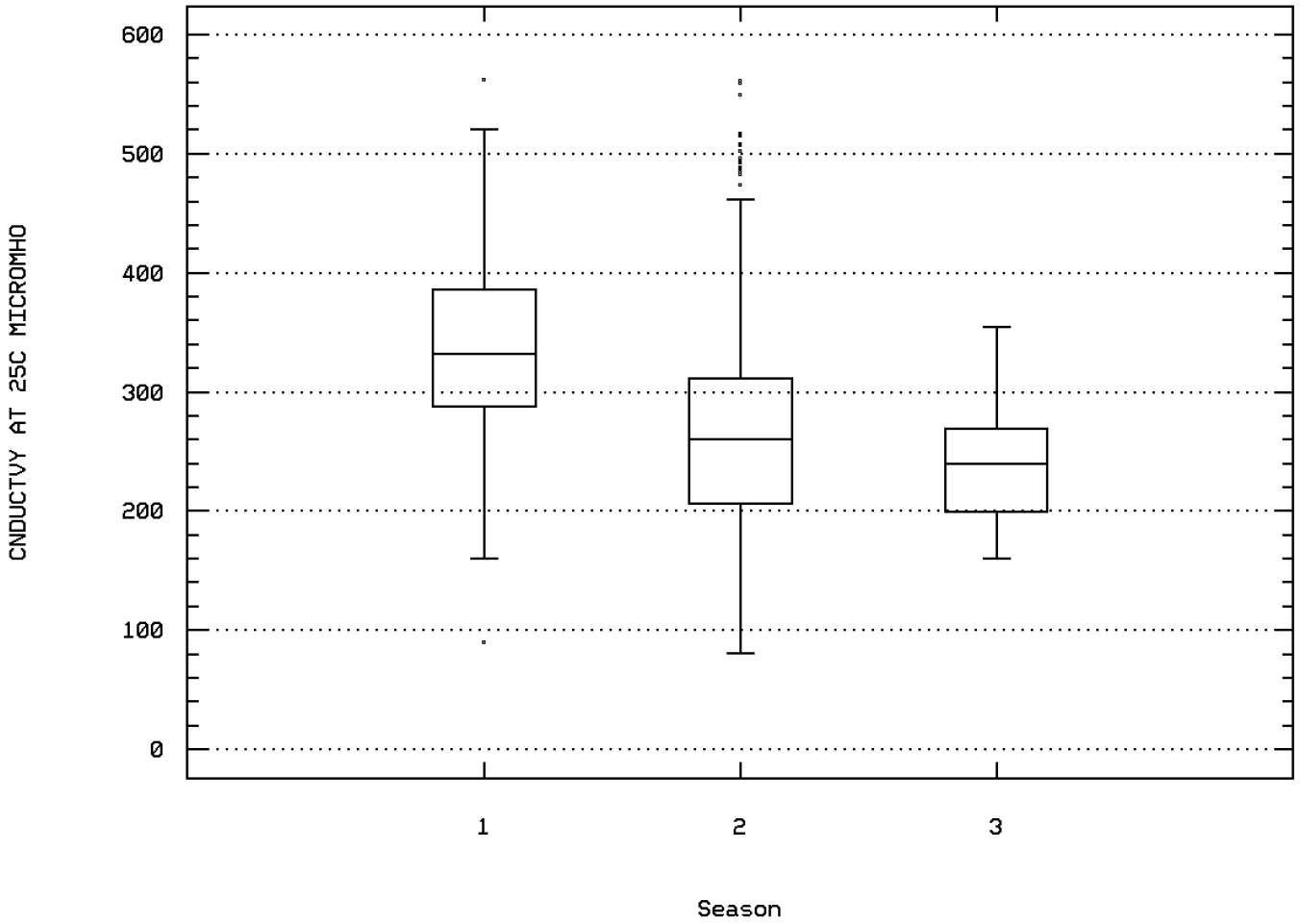
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	09/20/73-08/12/92	21	30.	35.476	120.	5.	669.762	25.88	10.	20.	45.	68.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/19/78-05/03/94	47	80.	72.936	200.	5.	3454.757	58.777	5.	20.	100.	200.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/01/82-05/03/94	12 ##	3.	5.	17.	2.	20.545	4.533	2.	2.	7.5	14.6
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	03/08/73-05/03/94	22 ##	0.5	0.5	2.	0.	0.143	0.378	0.	0.5	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	03/26/74-09/21/82	10 ##	0.5	0.45	1.	0.	0.081	0.284	0.	0.375	0.5	0.95
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	4	2.35	2.1	2.7	1.	0.58	0.762	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/28/74-09/14/93	4 ##	0.85	0.925	1.8	0.2	0.636	0.797	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	31	90.	617.742	11000.	0.	3924968.265	1981.153	1.	14.	290.	1264.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/12/76-11/16/93	31	1.954	1.861	4.041	0.	0.979	0.989	0.14	1.146	2.462	3.099
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			72.628								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	31	300.	2257.645	48000.	0.	74170828.503	8612.249	56.6	140.	580.	2960.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/09/76-11/16/93	31	2.477	2.437	4.681	0.	0.808	0.899	1.751	2.146	2.763	3.469
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			273.263								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/10/87-07/08/94	9	83.	81.667	106.	44.	424.75	20.609	44.	65.5	99.5	106.
60050	ALGAE, TOTAL (CELLS/ML)	02/05/73-09/28/81	50	8450.	21026.	120000.	1800.	556454208.163	23589.282	3300.	4825.	34250.	55700.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/08/73-06/09/94	51	147.	147.725	217.	95.	656.883	25.63	119.4	131.	164.	177.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/05/73-11/07/85	47	130.	127.936	200.	86.	577.322	24.028	103.	110.	140.	160.
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/05/73-12/01/82	46	4360.	7580.261	26700.	84.	55992096.108	7482.787	84.	2712.5	14400.	20010.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/05/73-02/09/83	47	0.19	0.193	0.3	0.13	0.001	0.035	0.15	0.17	0.22	0.232
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/74-09/14/93	67	94.	92.657	100.	67.	48.562	6.969	82.8	90.	98.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/27/79-11/07/85	21	99.	98.	100.	93.	4.3	2.074	94.2	97.	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/27/79-11/07/85	18	100.	99.222	100.	96.	1.359	1.166	96.9	99.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/27/79-11/07/85	10	100.	89.6	100.	0.	992.044	31.497	9.7	98.5	100.	100.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/27/79-11/07/85	21	51.	55.857	88.	30.	201.129	14.182	44.2	47.	60.5	85.6
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/27/79-11/07/85	20	65.5	67.65	99.	41.	182.345	13.504	54.3	58.25	73.25	89.7
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/27/79-11/07/85	21	82.	79.476	99.	58.	100.062	10.003	65.2	74.	85.	92.8
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/27/79-11/07/85	21	91.	88.429	99.	74.	53.157	7.291	74.6	84.5	92.	98.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/76-11/18/92	33	0.02	0.037	0.1	0.	0.001	0.032	0.	0.01	0.07	0.08
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/02/73-01/09/86	80	0.06	0.145	0.9	0.	0.043	0.208	0.01	0.04	0.128	0.66
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/05/73-09/18/81	75	5.1	4.745	11.	0.4	3.402	1.845	2.08	3.7	5.8	6.2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/05/73-09/18/81	74	0.03	0.07	1.6	0.	0.034	0.183	0.03	0.03	0.07	0.1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/02/78-01/09/86	39	0.34	0.523	1.3	0.	0.194	0.44	0.12	0.15	0.95	1.3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/26/74-09/28/81	49	7.	8.149	16.	0.	14.204	3.769	4.6	5.3	10.5	15.
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/19/73-11/16/93	18 ##	0.075	0.147	0.5	0.05	0.016	0.128	0.05	0.05	0.25	0.275
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/19/74-09/21/82	8	0.	0.013	0.1	0.	0.001	0.035	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/73-08/12/92	21	0.1	0.169	0.5	0.05	0.013	0.112	0.05	0.1	0.25	0.29
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	08/28/74-03/02/87	4	0.14	0.148	0.2	0.11	0.001	0.039	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/28/74-09/14/93	4 ##	1.15	1.15	1.75	0.55	0.267	0.516	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/28/74-09/14/93	4	1.1	1.075	1.9	0.2	0.483	0.695	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	4	2.1	1.825	2.1	1.	0.303	0.55	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/28/74-09/14/93	4 ##	0.775	0.863	1.7	0.2	0.569	0.754	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/05/73-09/14/93	248	27.5	73.468	985.	0.	11467.869	107.088	8.	14.	91.	202.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/05/73-12/01/82	164	743.5	7889.53	81400.	0.	220274210.042	14841.638	137.	242.5	5337.5	32450.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0417 Parameter Code: 00095

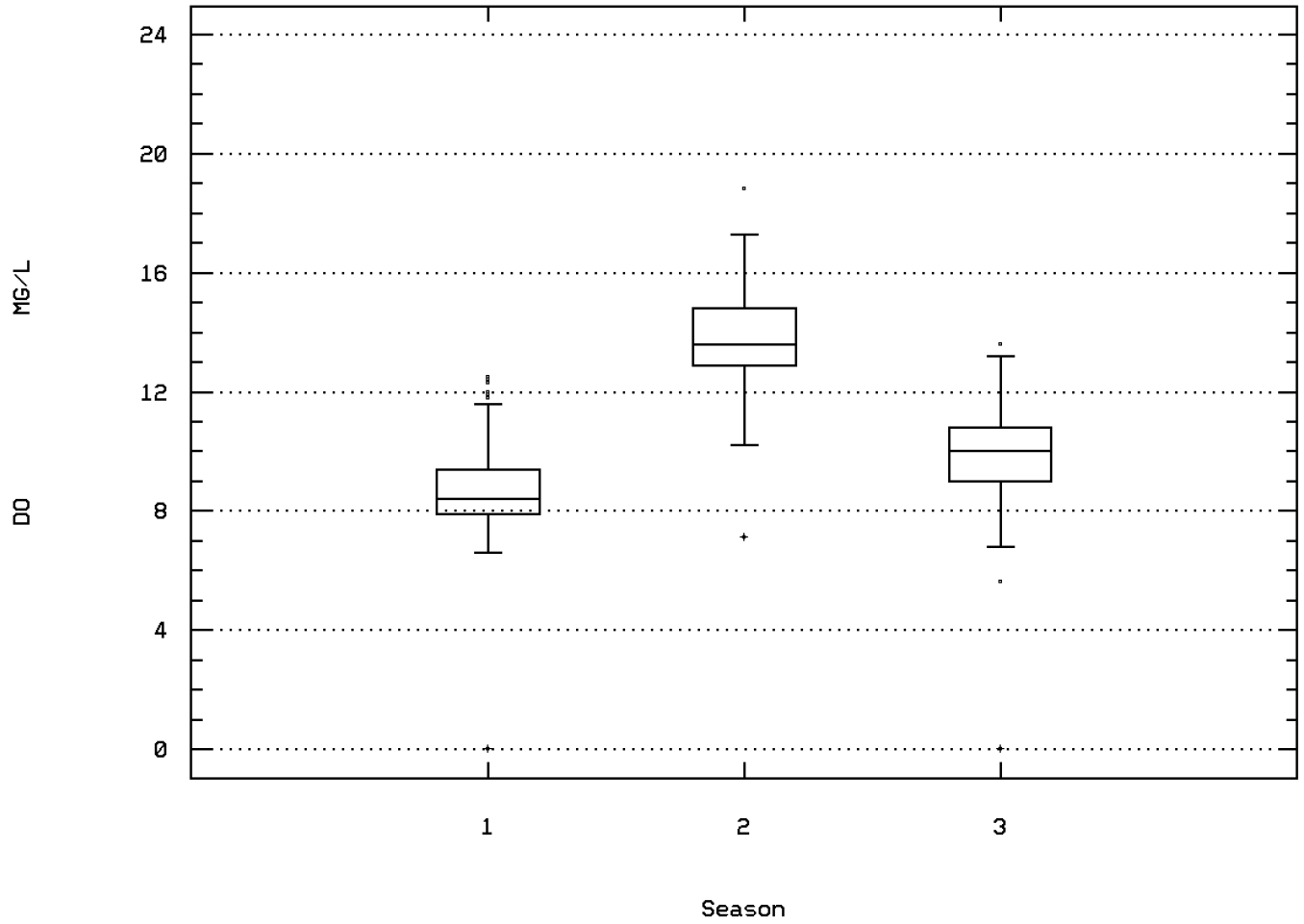
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



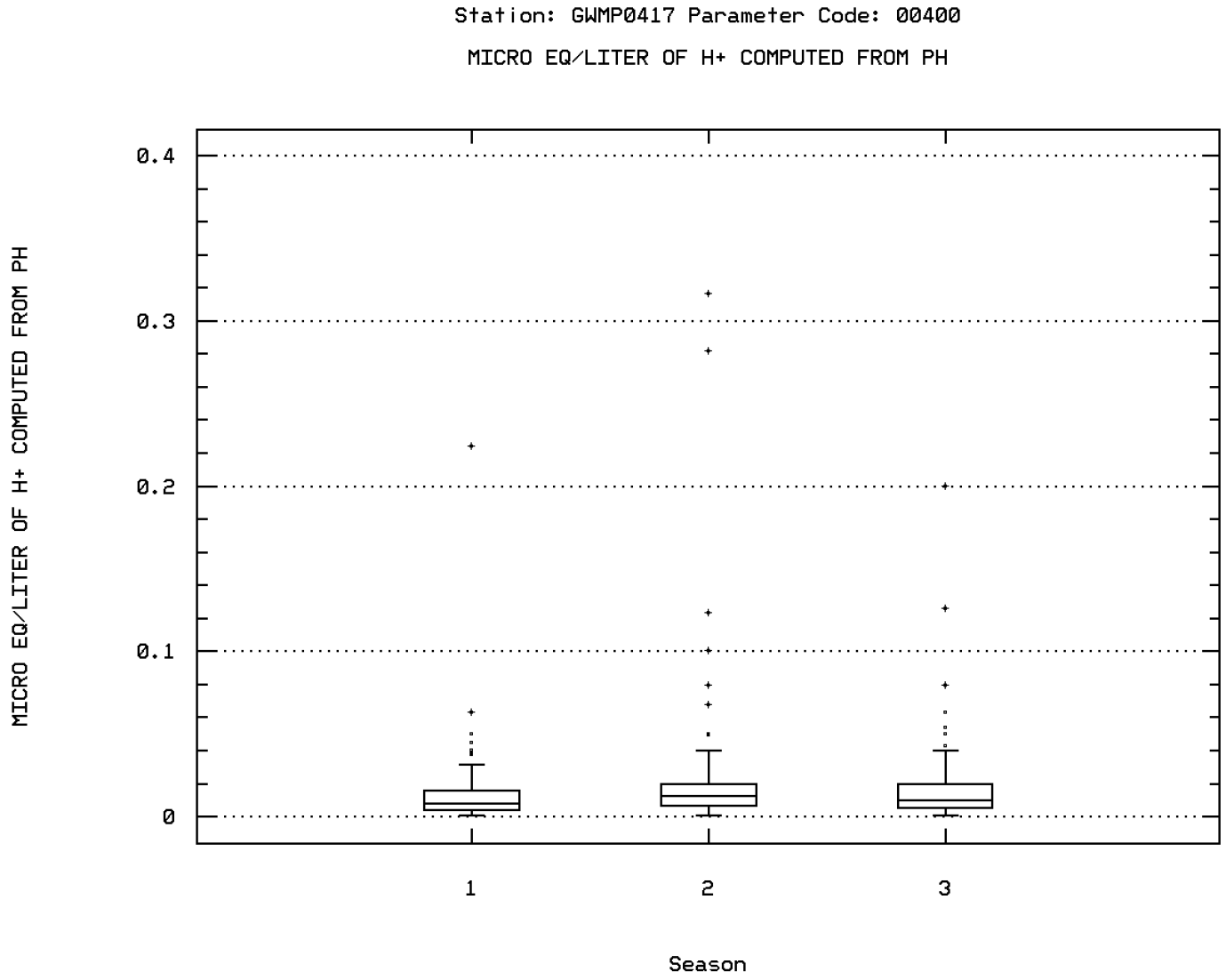
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00300

OXYGEN, DISSOLVED



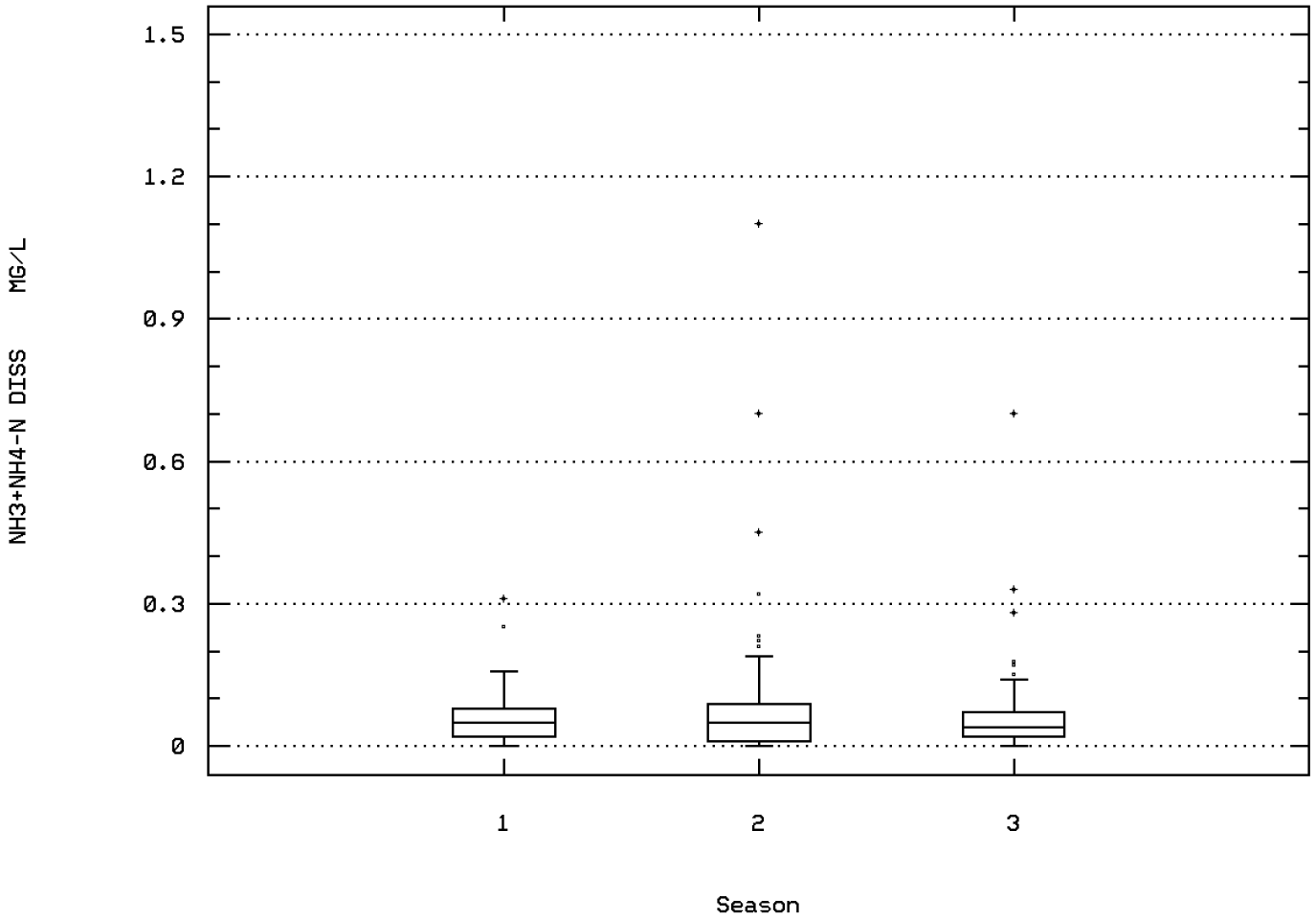
POTOMAC R AT CHAIN BRIDGE, AT WASH, DC



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00608

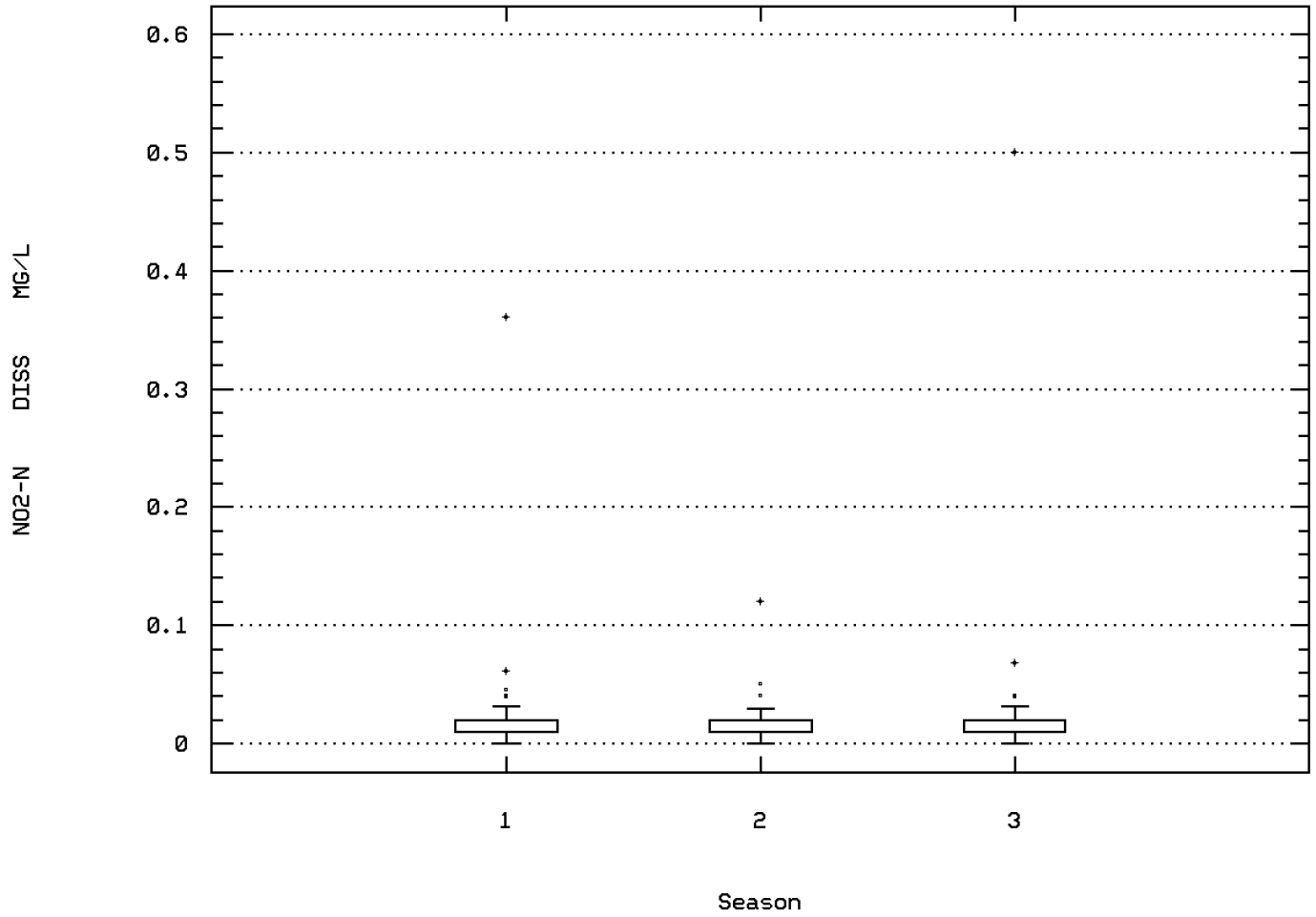
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00613

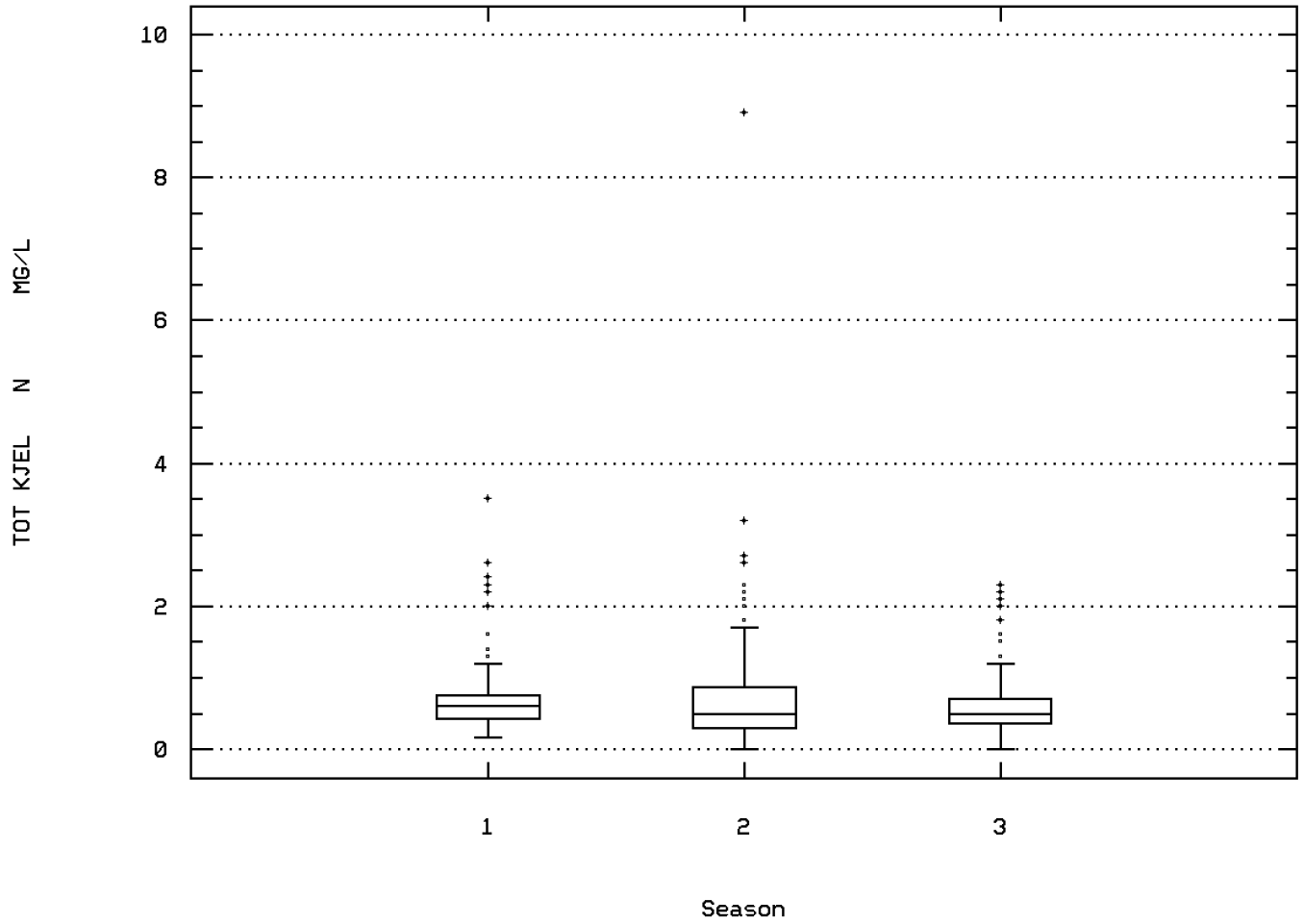
NITRITE NITROGEN, DISSOLVED (MG/L AS N)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00625

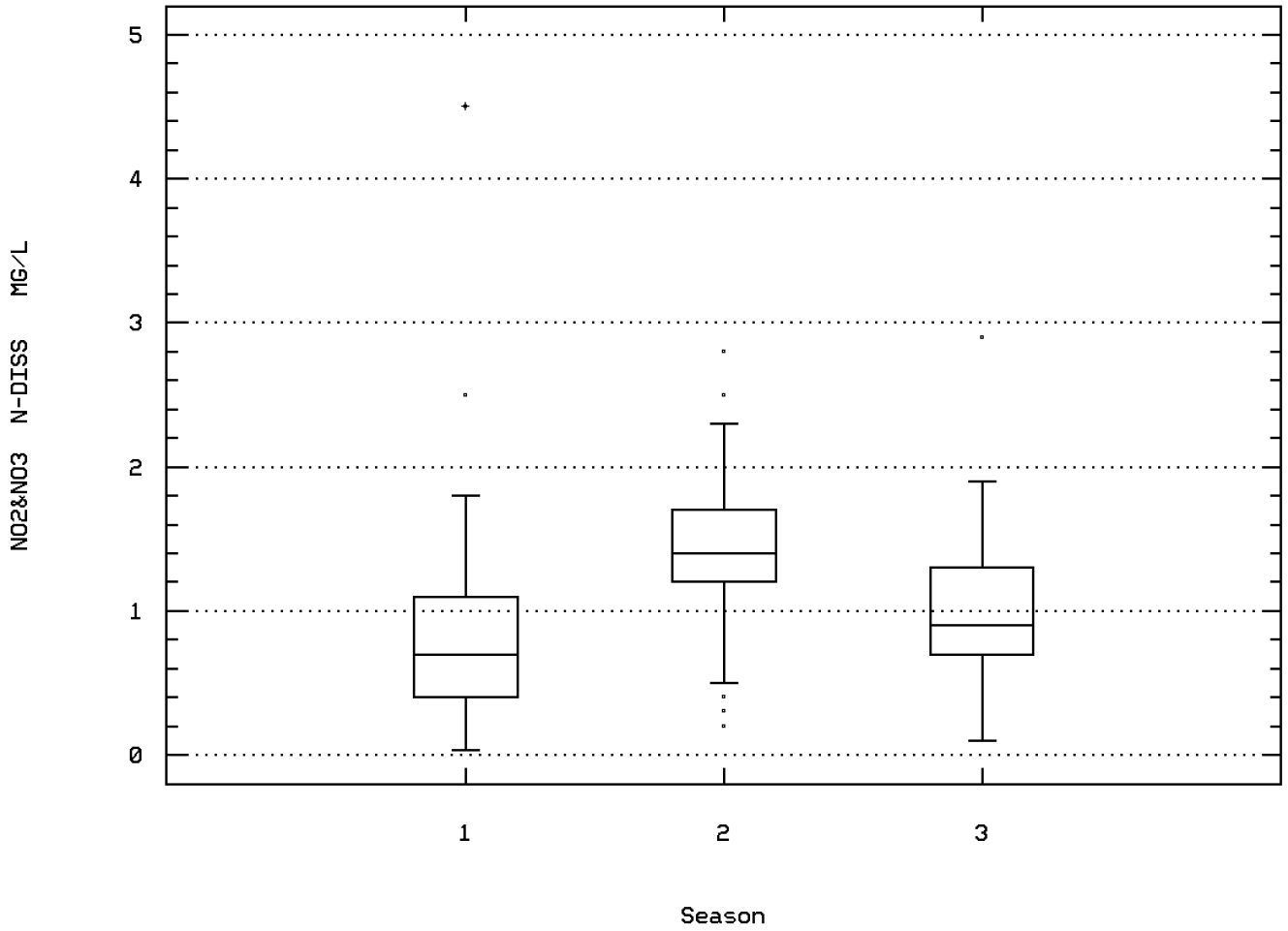
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00631

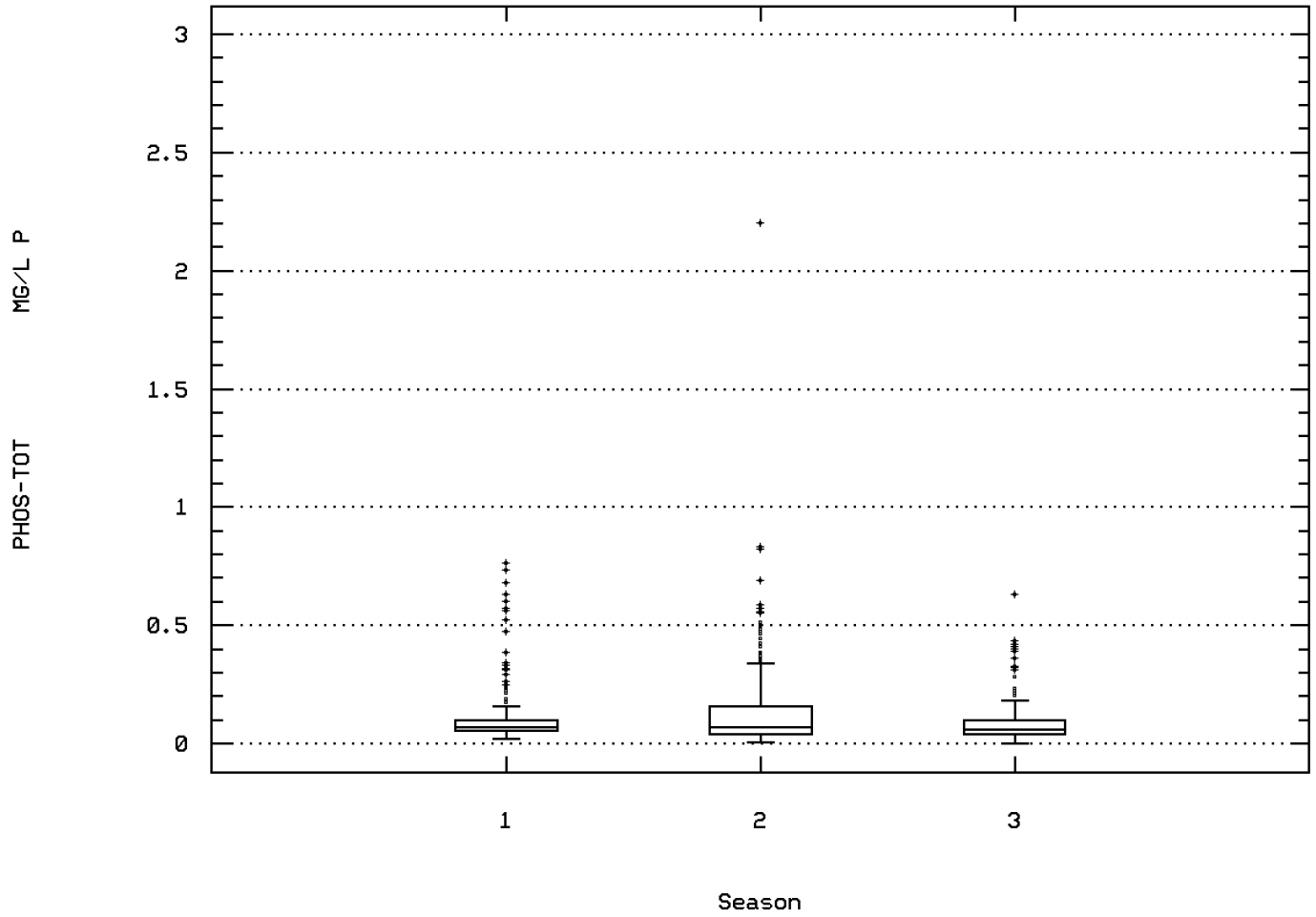
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00665

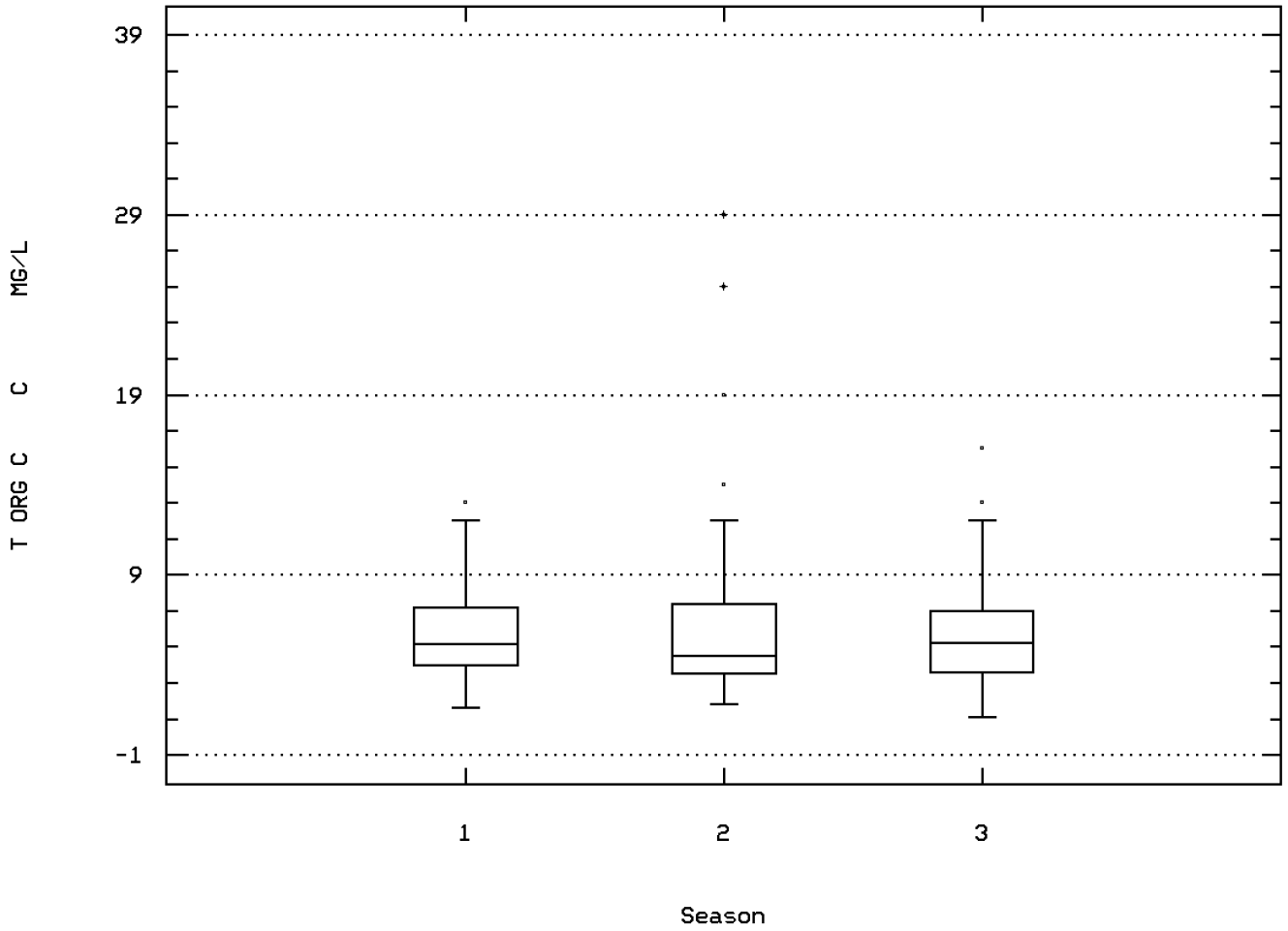
PHOSPHORUS, TOTAL (MG/L AS P)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00680

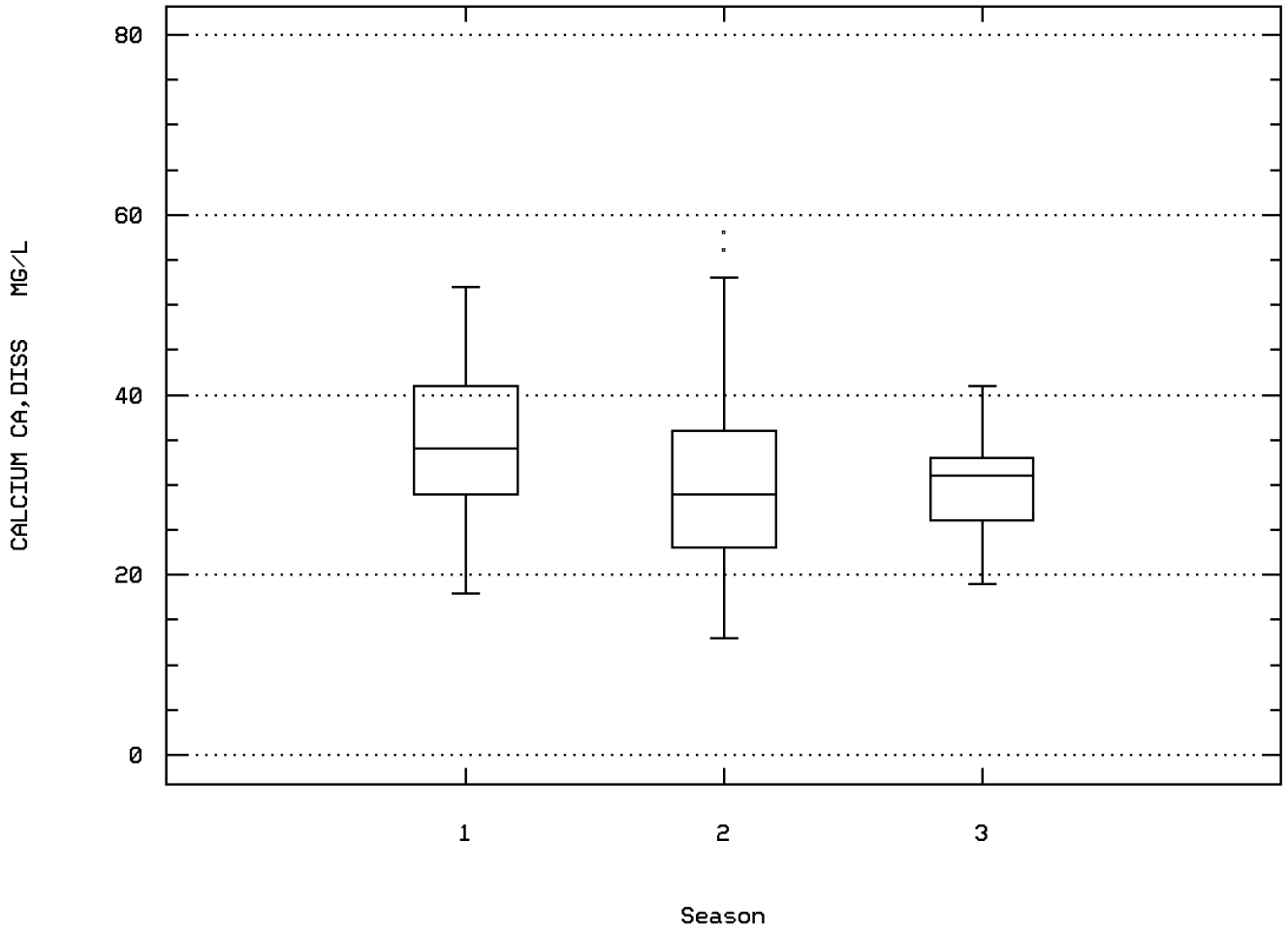
CARBON, TOTAL ORGANIC (MG/L AS C)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00915

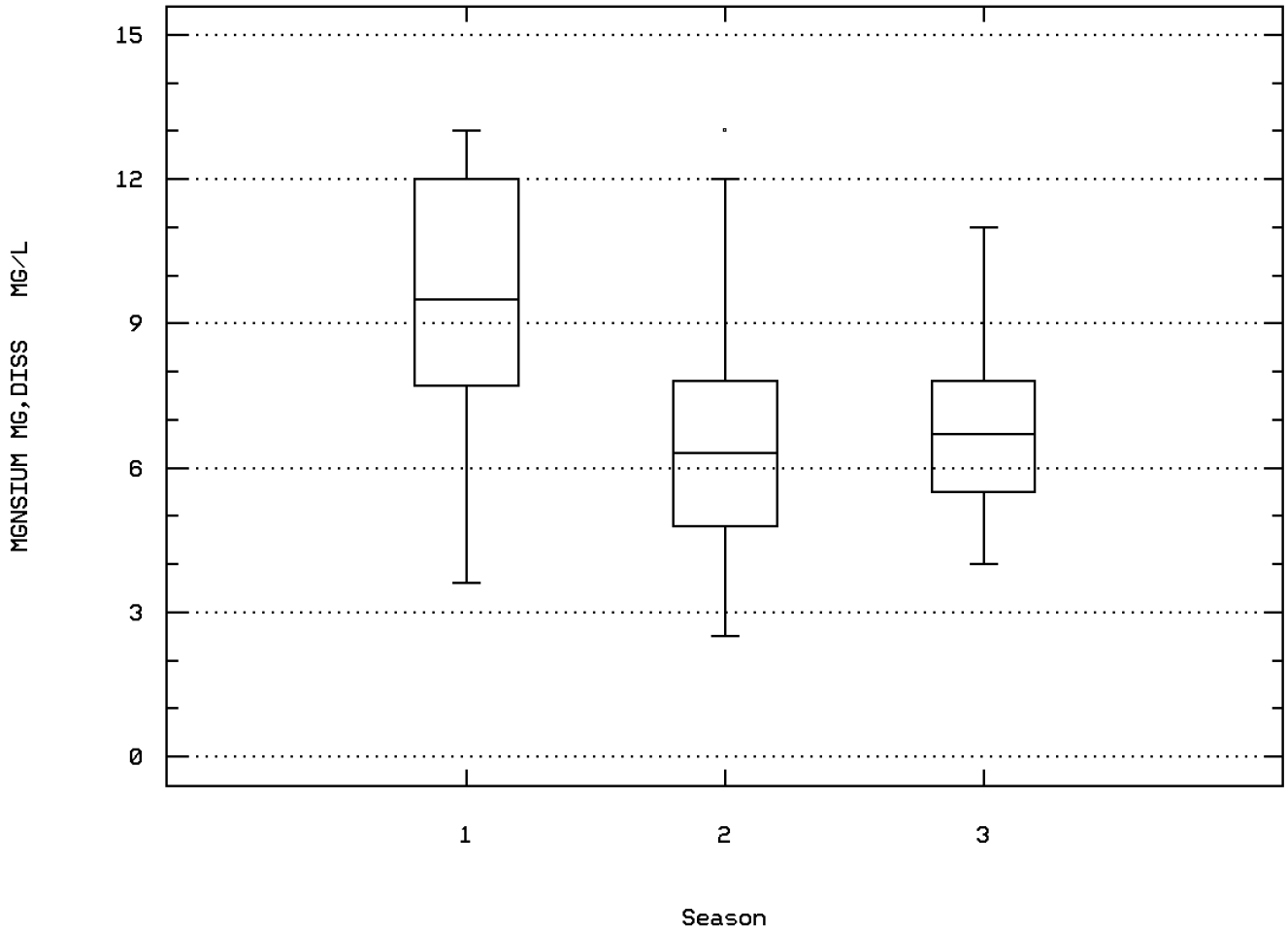
CALCIUM, DISSOLVED (MG/L AS CA)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00925

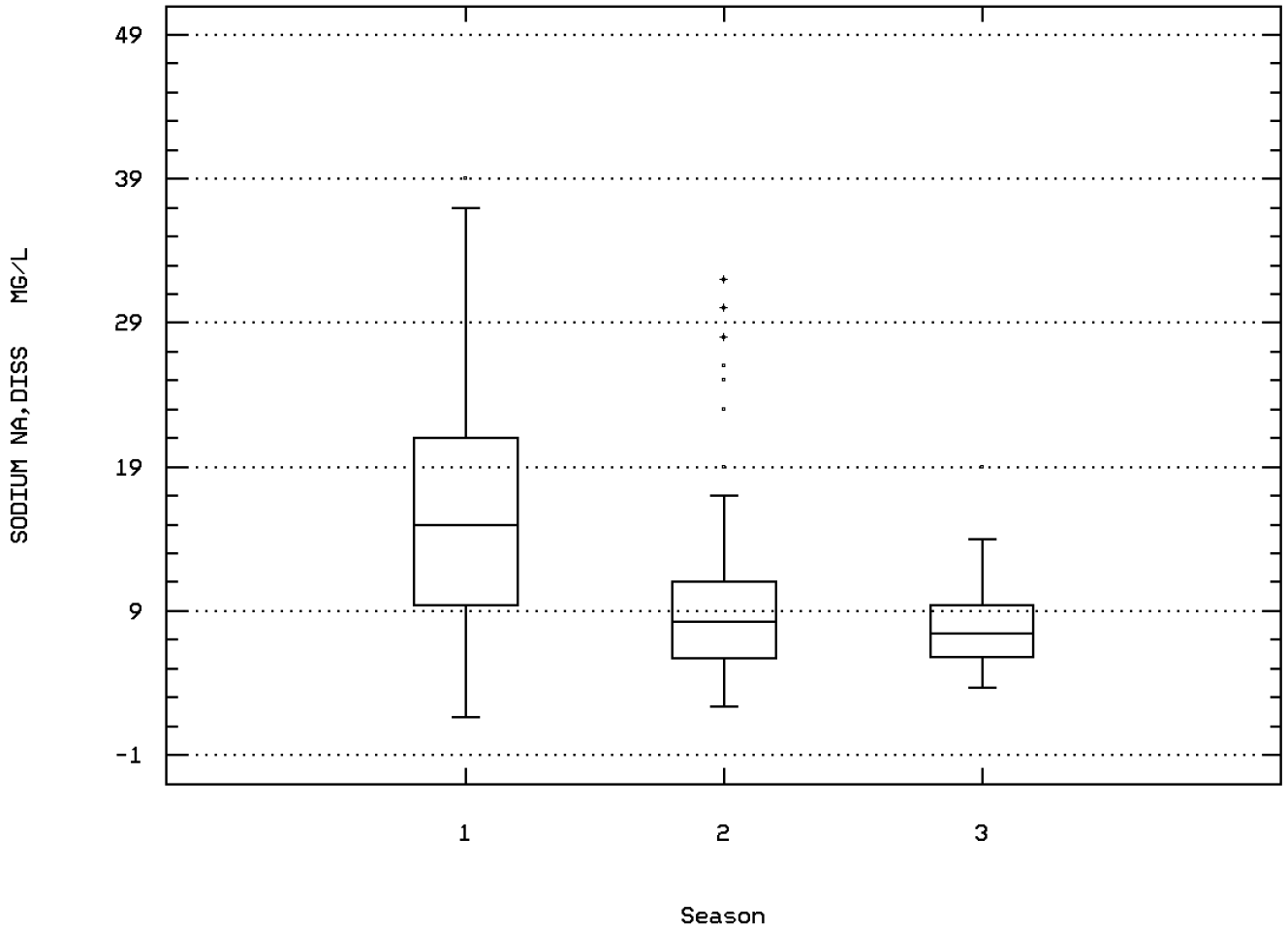
MAGNESIUM, DISSOLVED (MG/L AS MG)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00930

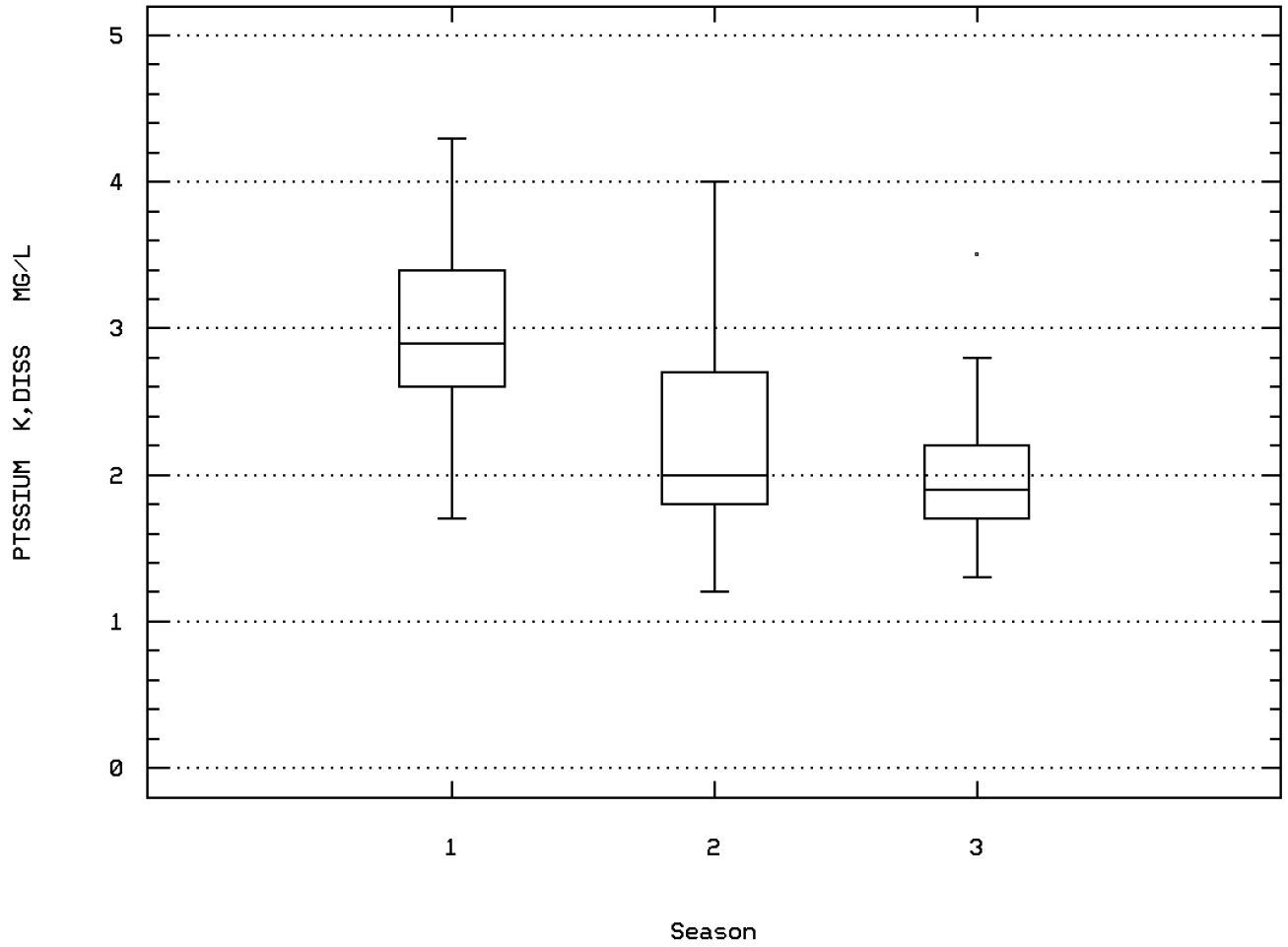
SODIUM, DISSOLVED (MG/L AS NA)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00935

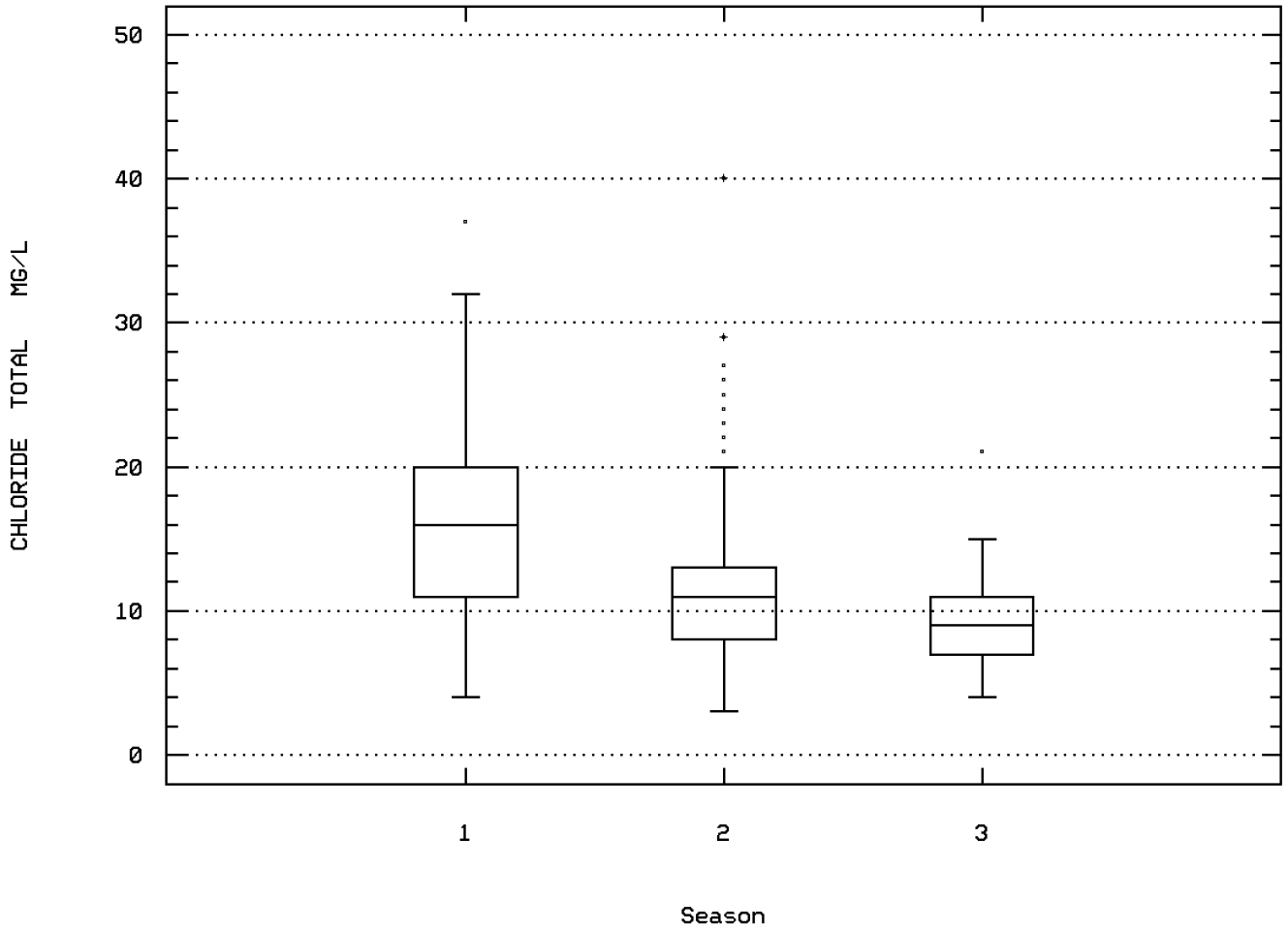
POTASSIUM, DISSOLVED (MG/L AS K)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00940

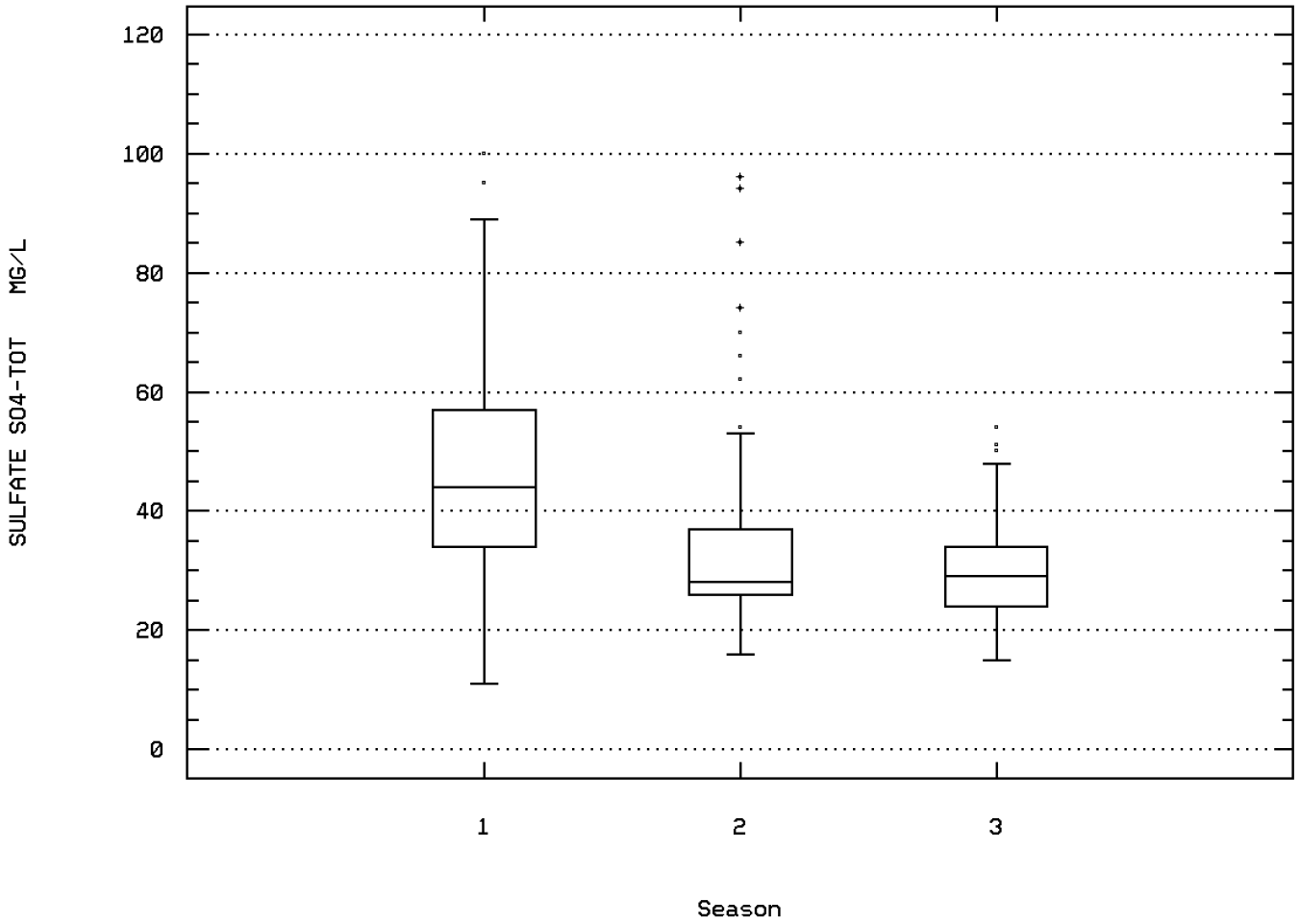
CHLORIDE,TOTAL IN WATER



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00945

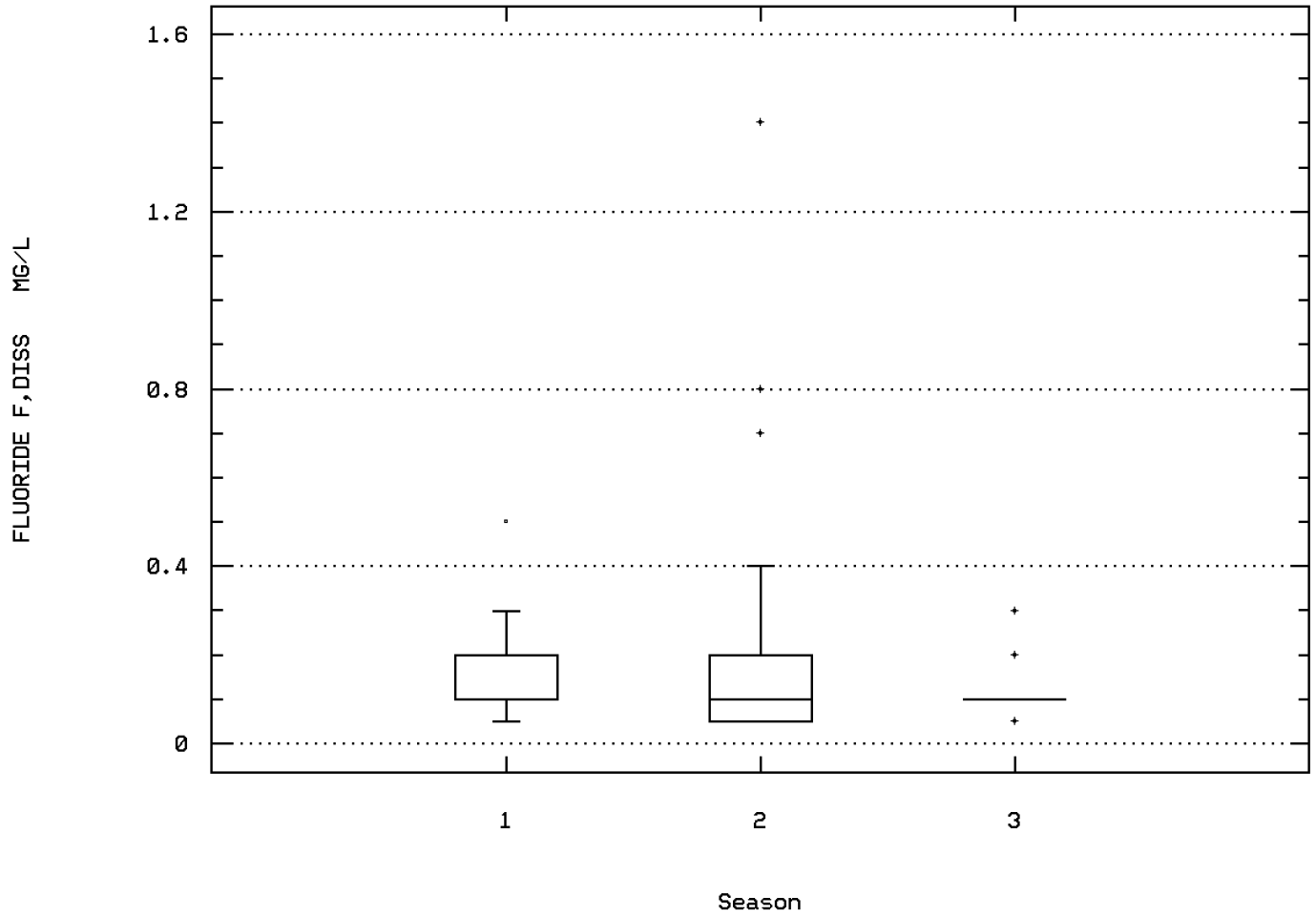
SULFATE, TOTAL (MG/L AS SO4)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00950

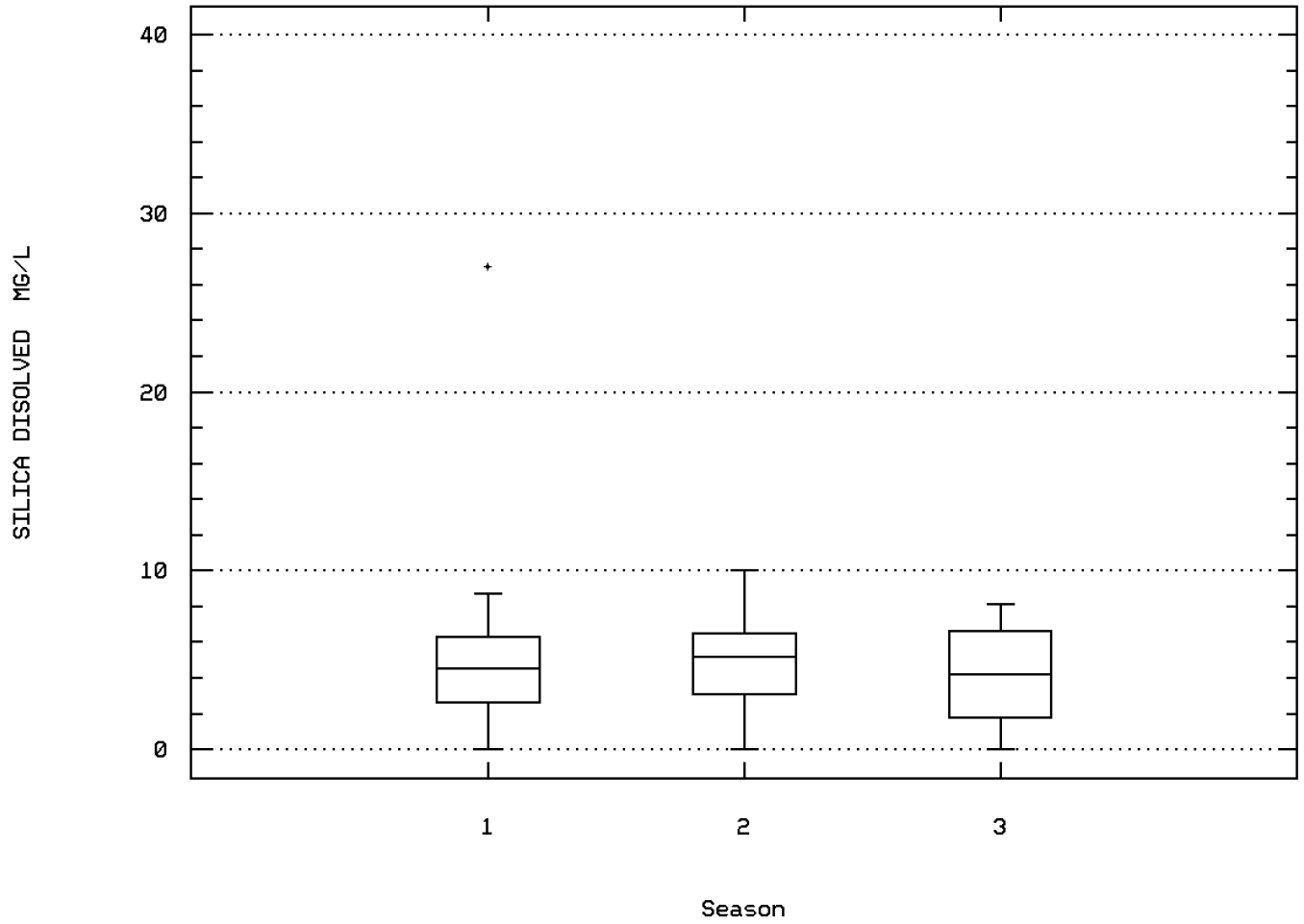
FLUORIDE, DISSOLVED (MG/L AS F)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 00955

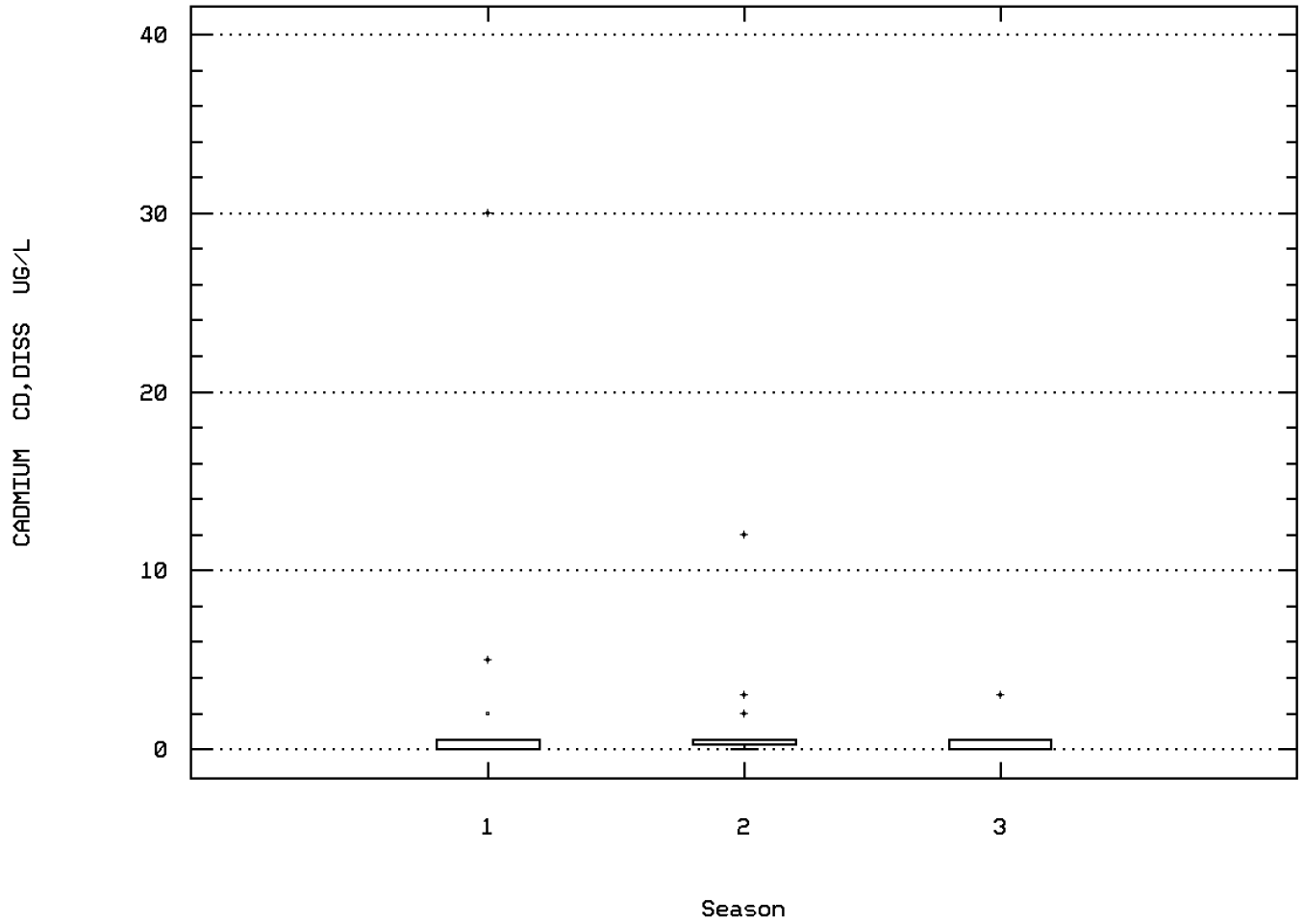
SILICA, DISSOLVED (MG/L AS SI02)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01025

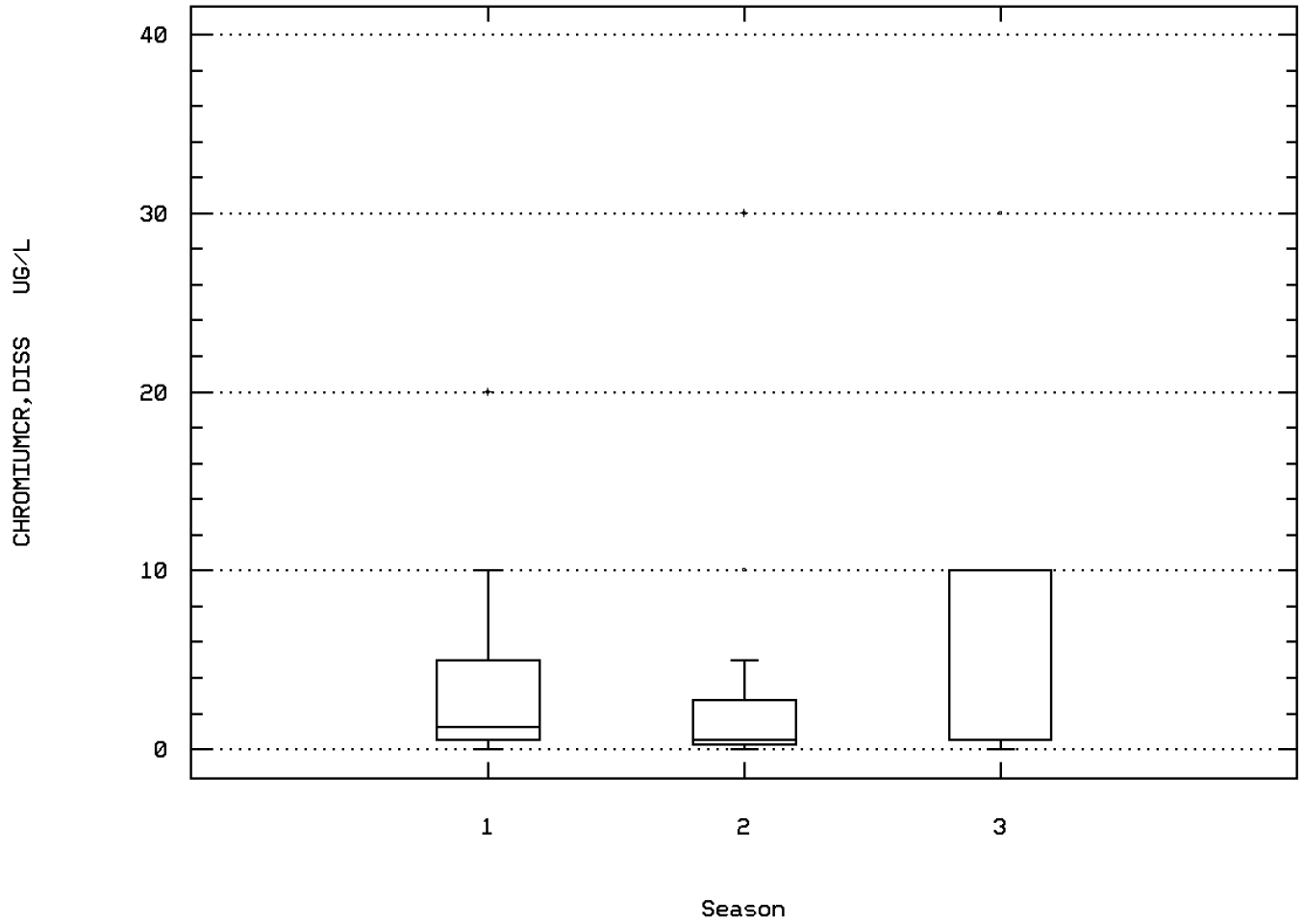
CADMIUM, DISSOLVED (UG/L AS CD)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01030

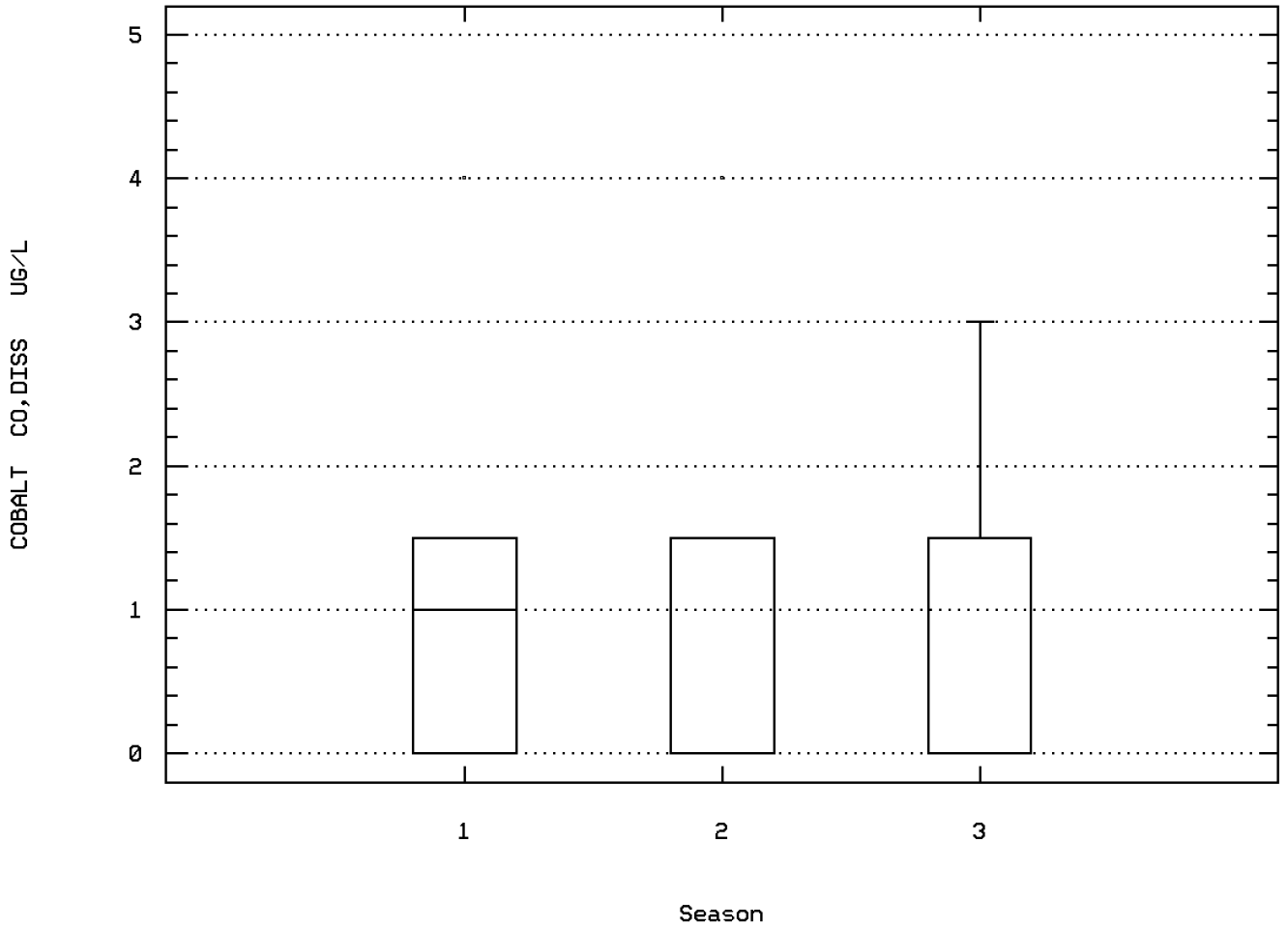
CHROMIUM, DISSOLVED (UG/L AS CR)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01035

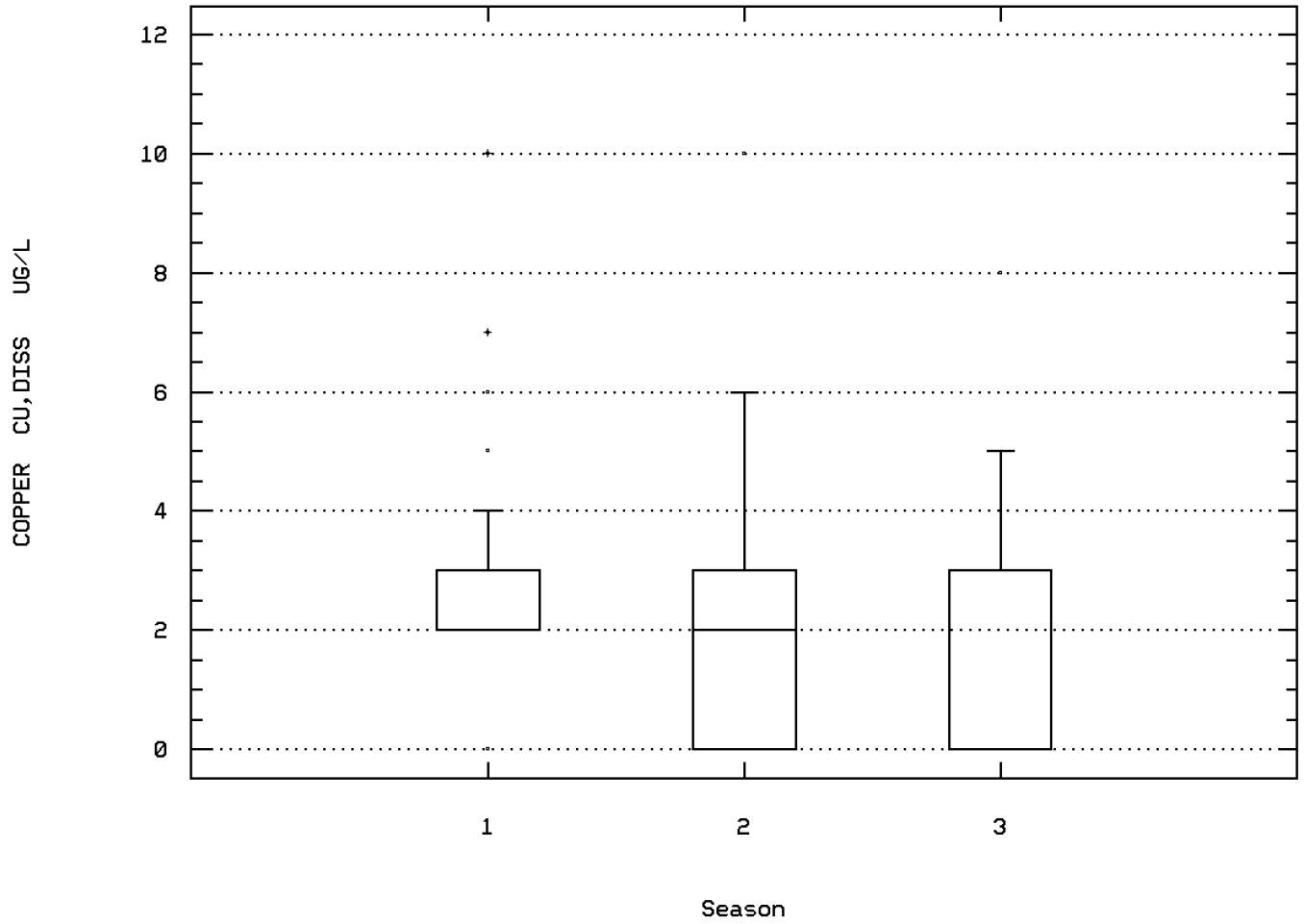
COBALT, DISSOLVED (UG/L AS CO)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01040

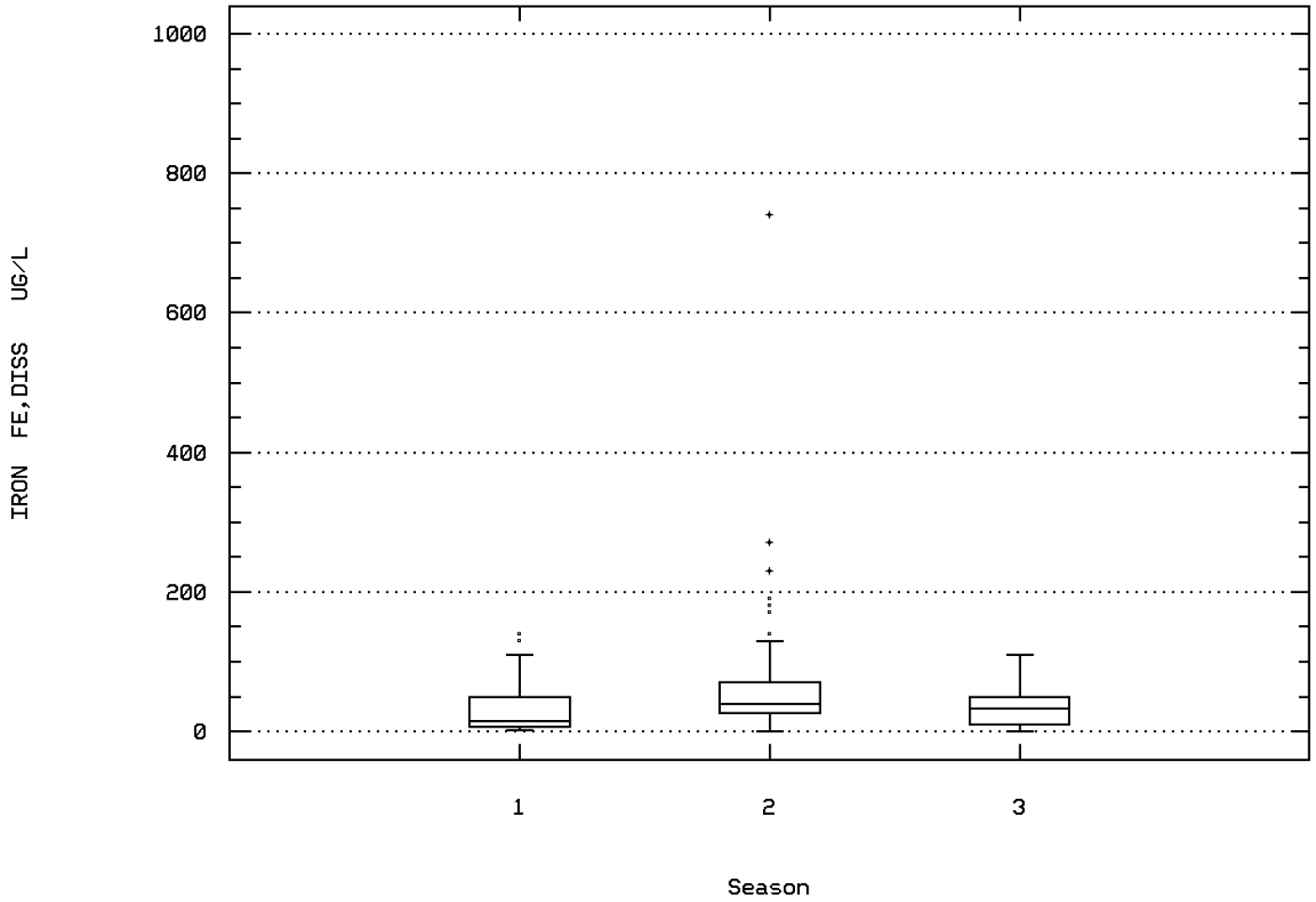
COPPER, DISSOLVED (UG/L AS CU)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01046

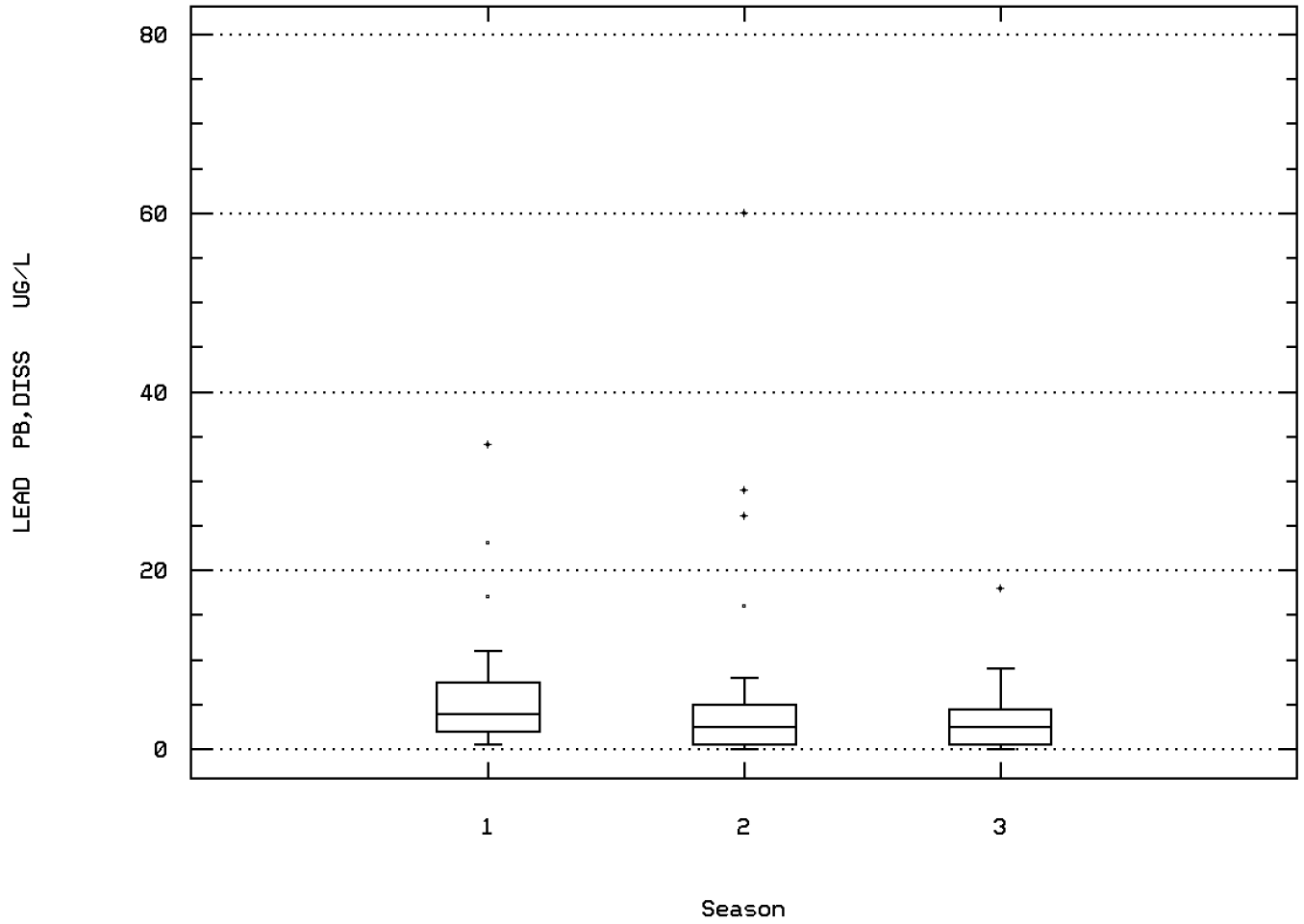
IRON, DISSOLVED (UG/L AS FE)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01049

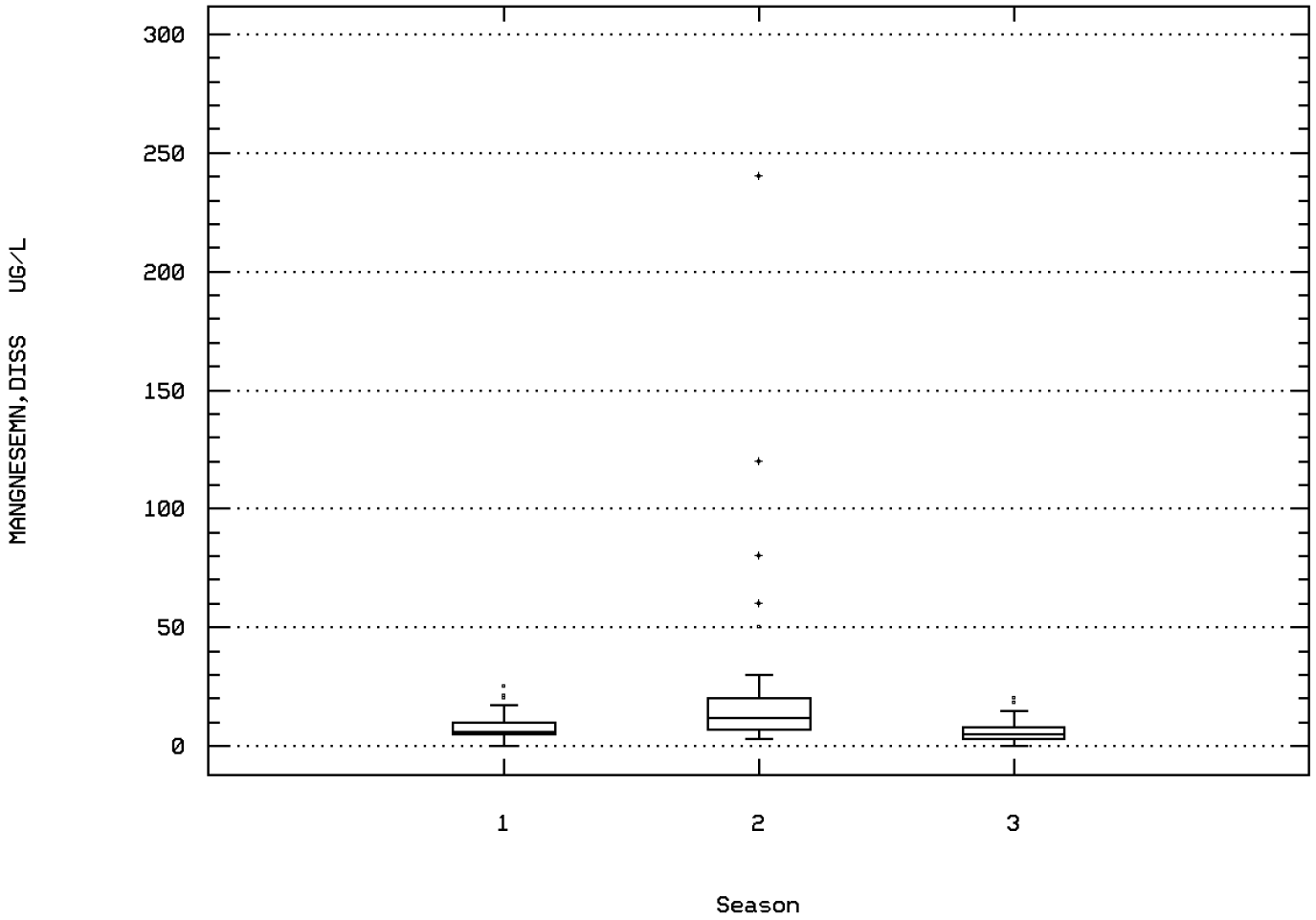
LEAD, DISSOLVED (UG/L AS PB)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01056

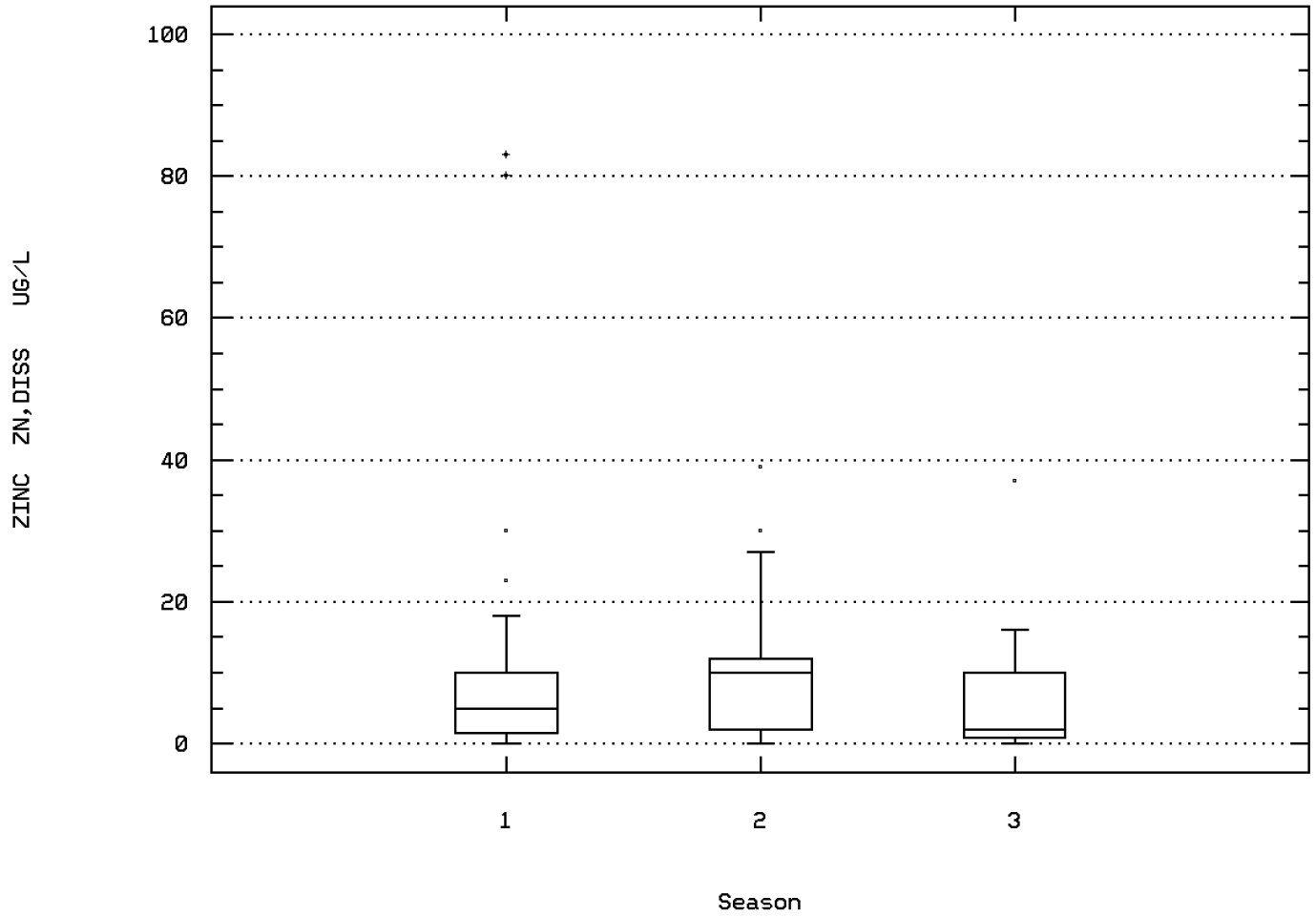
MANGANESE, DISSOLVED (UG/L AS MN)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01090

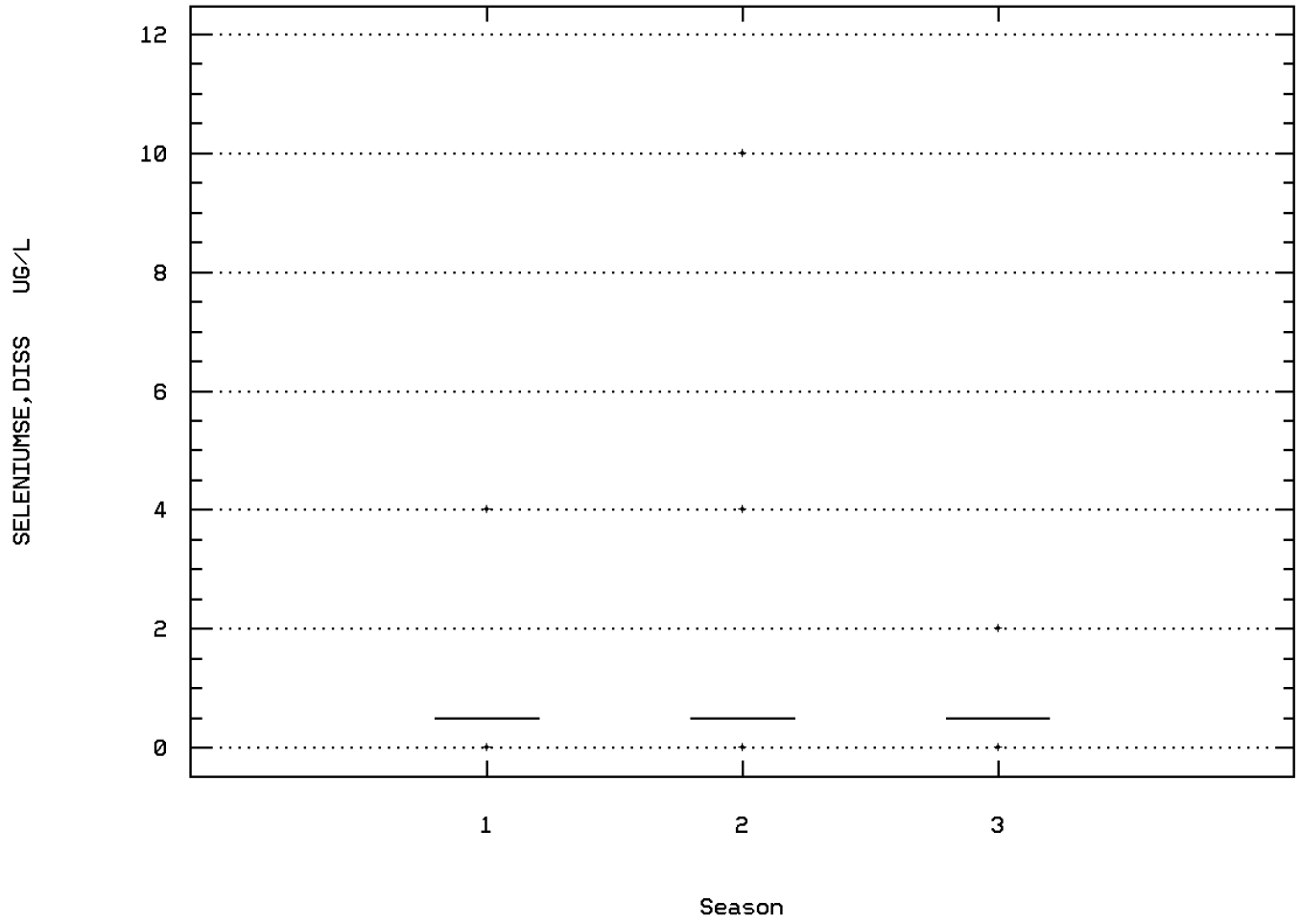
ZINC, DISSOLVED (UG/L AS ZN)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 01145

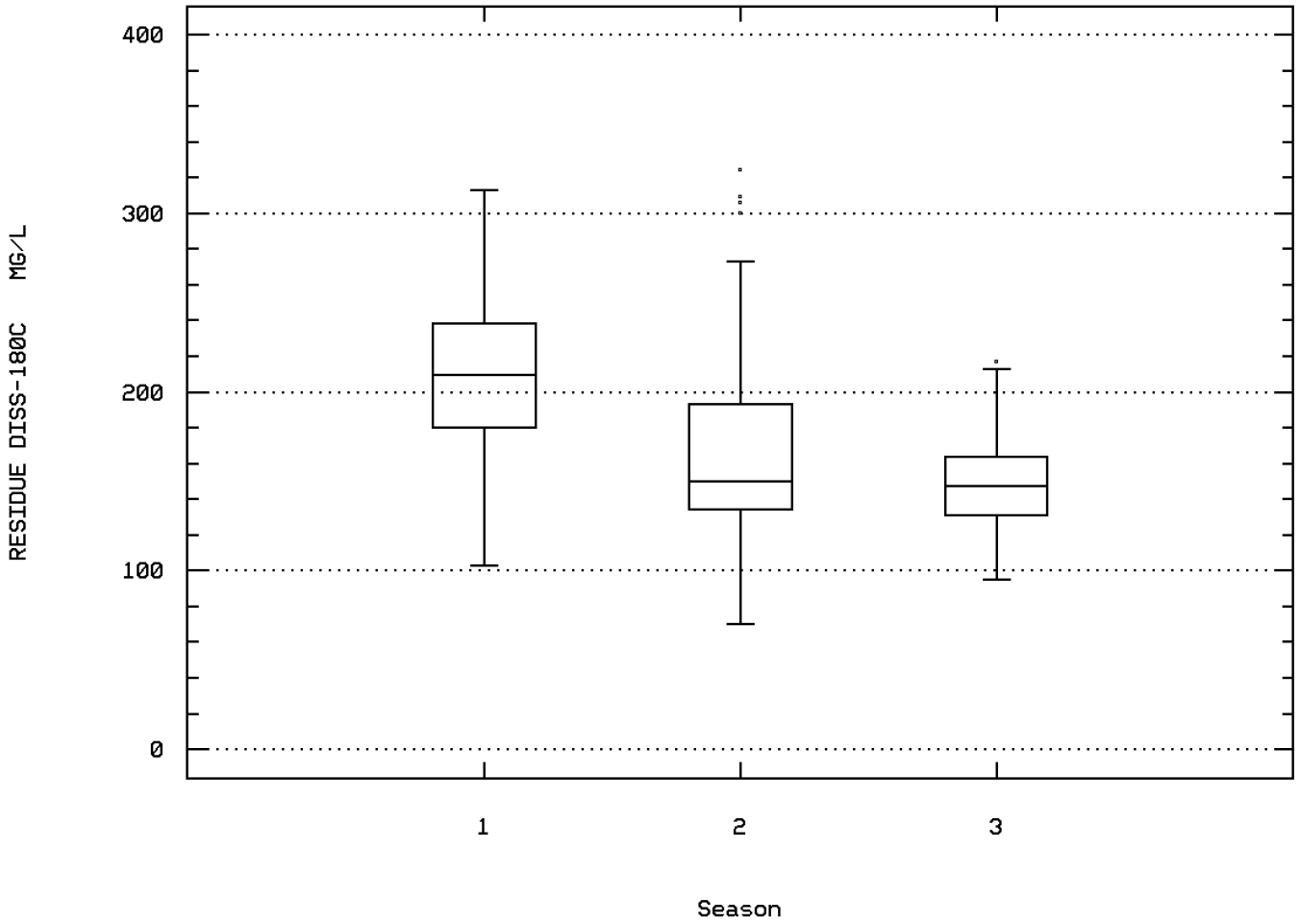
SELENIUM, DISSOLVED (UG/L AS SE)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station: GWMP0417 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



POTOMAC R AT CHAIN BRIDGE, AT WASH, DC

Station Inventory for Station: GWMP0418

NPS Station ID: GWMP0418 LAT/LON: 38.929726/ -77.169726 Agency: 21VASWCB Date Created: 08/18/90
Location: ROUTE 309 FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APIM004.16
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 8.70 On/Off RF1:
RF3 Index: 02070010057103.22 RF3 Mile Point: 4.28 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: PIMMIT RUN SECTION: 07 TOPO MAP #: 0024 TOPO MAP NAME: FALLS CHURCH, VA

Parameter Inventory for Station: GWMP0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/90-10/19/95	15	12.6	13.233	25.7	2.8	56.505	7.517	3.28	4.7	20.8	24.38
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/27/90-04/01/92	7	3.5	5.657	15.	0.7	26.05	5.104	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/94-10/19/95	5	2.4	3.98	9.3	0.9	12.657	3.558	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/10/91-01/14/93	8	35.5	36.375	60.	16.	291.696	17.079	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/10/91-10/19/95	14	242.	291.857	1130.	25.	64241.978	253.46	100.	195.25	260.5	760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/90-10/19/95	18	232.5	234.611	342.	173.	1704.958	41.291	175.7	216.	248.25	300.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/91-10/19/95	13	10.	10.023	12.7	7.4	2.269	1.506	7.84	8.9	11.05	12.42
00300	OXYGEN, DISSOLVED MG/L	09/27/90-04/10/91	3	11.8	11.333	11.9	10.3	0.803	0.896	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/27/90-10/19/95	19	1.4	1.526	3.	0.5	0.542	0.736	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	09/27/90-10/19/95	19	10.	10.474	24.	5.	22.708	4.765	5.	8.	11.	20.
00400	PH (STANDARD UNITS)	09/27/90-10/19/95	16	7.3	7.275	8.1	6.3	0.227	0.477	6.51	7.	7.575	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/90-10/19/95	16	7.289	7.028	8.1	6.3	0.293	0.541	6.51	7.	7.575	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/90-10/19/95	16	0.051	0.094	0.501	0.008	0.015	0.124	0.008	0.027	0.1	0.326
00403	PH, LAB, STANDARD UNITS SU	09/27/90-10/19/95	19	7.2	7.274	8.	6.7	0.122	0.349	6.7	7.	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	09/27/90-10/19/95	19	7.2	7.15	8.	6.7	0.138	0.372	6.7	7.	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/90-10/19/95	19	0.063	0.071	0.2	0.01	0.003	0.055	0.02	0.025	0.1	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/90-10/19/95	19	41.	42.789	64.	30.	62.509	7.906	33.	38.	46.	55.
00500	RESIDUE, TOTAL (MG/L)	09/27/90-10/19/95	19	146.	170.684	586.	116.	10553.784	102.732	122.	132.	160.	210.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/27/90-10/19/95	19	40.	41.105	65.	22.	147.211	12.133	24.	34.	49.	65.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/27/90-10/19/95	19	109.	129.579	530.	77.	9896.146	99.479	79.	97.	116.	181.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/27/90-10/19/95	19	1.5	3.921	15.	1.	13.841	3.72	1.5	1.5	6.	9.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/27/90-10/19/95	19 ##	1.5	1.421	2.	1.	0.091	0.301	1.	1.	1.5	2.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/27/90-10/19/95	19	1.5	3.237	13.	1.	9.51	3.084	1.	1.5	4.	7.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/90-10/19/95	19 ##	0.02	0.035	0.14	0.02	0.001	0.031	0.02	0.02	0.04	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/27/90-10/19/95	19	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/90-10/19/95	19	1.45	1.421	2.24	0.54	0.203	0.45	0.71	1.2	1.88	1.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/27/90-10/19/95	19	0.3	0.361	1.	0.05	0.052	0.228	0.1	0.2	0.4	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/27/90-10/19/95	19 ##	0.05	0.063	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/90-04/01/92	7	0.02	0.021	0.05	0.005	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/90-10/19/95	19	2.9	3.284	9.3	1.6	3.005	1.733	1.6	2.3	4.	4.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/27/90-10/19/95	19	73.	72.579	110.	45.	195.702	13.989	50.	66.	81.	84.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/14/93-01/14/93	1	6060.	6060.	6060.	6060.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/90-10/19/95	19	30.	46.053	300.	6.	3926.942	62.665	22.	27.	37.	68.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/90-10/19/95	19	11.	12.789	18.	9.	9.62	3.102	9.	10.	15.	18.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/27/90-04/19/93	10 ##	0.1	0.108	0.25	0.05	0.004	0.065	0.05	0.05	0.15	0.24
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/90-01/14/93	10	14.35	14.	17.9	10.9	5.927	2.434	10.9	11.2	15.6	17.79
01002	ARSENIC, TOTAL (UG/L AS AS)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/10/91-01/14/93	2	390.	390.	550.	230.	51200.	226.274	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/10/91-01/14/93	2	75.3	75.3	100.	50.6	1220.18	34.931	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	07/10/91-01/14/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/10/91-01/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/10/91-01/14/93	2 ##	9.	9.	13.	5.	32.	5.657	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/10/91-01/14/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/91-10/19/95	15	310.	742.667	4400.	140.	1203035.238	1096.83	176.	200.	700.	2720.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/91-10/19/95	15	2.491	2.633	3.643	2.146	0.17	0.412	2.239	2.301	2.845	3.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			429.654								
32240	TANNIN AND LIGNIN (MG/L)	10/26/92-01/14/93	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/19/93-07/19/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/19/93-07/19/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/14/93-01/14/93	1	64.	64.	64.	64.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/28/92-10/19/95	12	0.01	0.016	0.03	0.005	0.	0.01	0.005	0.01	0.028	0.03
71900	MERCURY, TOTAL (UG/L AS HG)	07/10/91-01/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/19/93-07/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	01/14/93-01/14/93	1	15740.	15740.	15740.	15740.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/28/92-04/14/94	7	2.6	3.357	9.9	0.4	9.106	3.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	16	1	0.06	6	1	0.17	5	0	0.00	5	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	250.	19	1	0.05	8	0	0.00	6	1	0.17	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	14	0.93	7	7	1.00	4	3	0.75	4	4	1.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0419

NPS Station ID: GWMP0419 LAT/LON: 38.933060/ -77.054809 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/08
RMI-Indexes: 0214001 002700 00070 Within Park Boundary: No
RMI-Miles: 0112.80 0003.70 000.15
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.530 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 9.90 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.164	0.164	0.268	0.059	0.022	0.148	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	5800.	5800.	9300.	2300.	24500000.	4949.747	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	3.665	3.665	3.968	3.362	0.184	0.429	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4624.932								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	400.	400.	400.	400.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	2.602	2.602	2.602	2.602	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			400.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	6450.	6450.	10000.	2900.	25205000.	5020.458	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	3.731	3.731	4.	3.462	0.145	0.38	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			5385.165								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0420

NPS Station ID: GWMP0420 LAT/LON: 38.933893/ -77.049171 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROCK CREEK/KLINGLE ROAD, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): RCR07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003604.49 RF3 Mile Point: 6.06 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK/KLINGLE ROAD, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	68	14.45	14.396	27.3	0.1	65.756	8.109	2.88	6.425	21.8	24.21
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	66	291.	303.939	1338.	78.	39240.766	198.093	135.	217.	335.25	404.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	64	9.6	9.225	16.1	0.	12.488	3.534	2.8	7.95	11.6	13.25
00400	PH (STANDARD UNITS)	10/24/83-06/05/90	57	7.6	7.626	8.7	6.4	0.309	0.556	7.	7.1	7.9	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-06/05/90	57	7.6	7.308	8.7	6.4	0.412	0.642	7.	7.1	7.9	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-06/05/90	57	0.025	0.049	0.398	0.002	0.005	0.069	0.003	0.013	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-02/13/90	6	30.	25.333	56.	0.	476.267	21.824	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-12/20/83	3	46.	83.	191.	12.	9037.	95.063	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/20/83	3	0.337	0.38	0.514	0.29	0.014	0.118	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/20/83	3	0.153	0.183	0.31	0.087	0.013	0.115	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/20/83	3	0.052	0.074	0.126	0.043	0.002	0.046	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-12/20/83	3	0.03	0.031	0.04	0.023	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/22/88-04/05/88	2	6.	6.	12.	0.	72.	8.485	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-04/05/88	5	54.	64.8	186.	0.	5659.2	75.228	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0420

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	7	0.11	21	2	0.10	25	3	0.12	18	2	0.11			
00400	PH	Other-Hi Lim.	9.	57	0	0.00	20	0	0.00	22	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	57	1	0.02	20	0	0.00	22	1	0.05	15	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	3	0.60	1	1	1.00	3	2	0.67	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	3	10.2	9.267	14.6	3.	34.293	5.856	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	3	80.	86.	100.	78.	148.	12.166	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	3	1.2	1.533	3.4	0.	2.973	1.724	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	10	16.05	14.94	25.2	1.	64.765	8.048	1.42	8.2	22.05	25.11
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	8	240.	247.125	370.	138.	8000.411	89.445	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	9	7.9	7.189	11.7	2.	11.739	3.426	2.	3.5	9.5	11.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	9	20.5	17.744	24.2	2.2	48.99	6.999	2.2	14.15	23.4	24.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	9	251.	214.333	306.	112.	5689.25	75.427	112.	132.5	277.5	306.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	8	9.55	9.775	13.3	7.7	3.222	1.795	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	10	15.35	13.7	24.	0.1	77.907	8.826	0.38	4.1	22.625	23.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	10	326.	431.5	1338.	217.	106167.167	325.833	223.1	288.5	420.75	1251.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	9	10.2	10.3	14.7	6.2	6.51	2.551	6.2	8.5	12.3	14.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	10	15.6	14.67	25.8	3.6	80.591	8.977	3.68	5.3	22.625	25.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	10	301.	284.7	370.	167.	3934.011	62.722	172.	226.75	336.75	367.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	10	9.75	10.49	16.1	7.6	7.561	2.75	7.65	8.1	12.4	15.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	12	13.1	13.867	27.3	1.1	86.724	9.313	1.58	4.85	22.9	27.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	12	311.5	392.833	1253.	220.	76266.697	276.164	232.3	287.	385.	1002.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	12	9.85	8.95	13.5	0.	20.648	4.544	0.	7.65	11.675	13.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	11	14.3	14.782	24.9	1.9	61.962	7.872	2.22	9.8	21.8	24.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	11	270.	281.818	486.	128.	9376.364	96.832	134.8	238.	336.	456.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	10	10.05	10.15	12.3	6.4	3.027	1.74	6.66	9.15	11.65	12.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	3	6.	9.767	18.1	5.2	52.243	7.228	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	3	297.	306.667	406.	217.	9000.333	94.87	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	3	13.2	12.133	13.8	9.4	5.693	2.386	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	24	21.75	20.313	27.3	8.3	28.537	5.342	11.55	15.9	24.275	26.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	24	287.5	279.833	486.	78.	11238.754	106.013	132.5	189.25	363.	410.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	21	8.4	8.543	16.1	0.	10.78	3.283	2.88	7.65	10.05	11.62
00400	PH (STANDARD UNITS)	10/24/83-06/05/90	20	7.65	7.68	8.6	6.6	0.317	0.563	7.	7.3	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-06/05/90	20	7.647	7.368	8.6	6.6	0.42	0.648	7.	7.3	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-06/05/90	20	0.023	0.043	0.251	0.003	0.003	0.058	0.003	0.006	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	26	4.85	5.938	14.3	0.1	16.765	4.094	1.07	2.85	9.45	12.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	25	297.	351.64	1338.	80.	89146.073	298.573	107.2	234.	335.5	783.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	25	11.6	10.36	14.7	0.	15.416	3.926	2.52	9.45	13.1	13.62
00400	PH (STANDARD UNITS)	10/24/83-06/05/90	22	7.45	7.405	8.4	6.4	0.221	0.471	6.86	7.075	7.8	8.04
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-06/05/90	22	7.447	7.172	8.4	6.4	0.278	0.527	6.86	7.075	7.8	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-06/05/90	22	0.036	0.067	0.398	0.004	0.007	0.084	0.009	0.016	0.085	0.141

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-06/05/90	18	20.7	18.722	23.3	9.8	17.257	4.154	11.87	15.95	22.225	23.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-06/05/90	17	281.	267.824	340.	128.	3728.029	61.058	155.2	234.5	311.5	327.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-06/05/90	18	9.5	8.444	11.7	0.	8.72	2.953	1.98	8.05	9.75	11.34
00400	PH (STANDARD UNITS)	10/24/83-06/05/90	15	7.9	7.88	8.7	6.7	0.323	0.568	6.88	7.6	8.5	8.64
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-06/05/90	15	7.9	7.507	8.7	6.7	0.472	0.687	6.88	7.6	8.5	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-06/05/90	15	0.013	0.031	0.2	0.002	0.003	0.052	0.002	0.003	0.025	0.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0421

NPS Station ID: GWMP0421 LAT/LON: 38.935837/ -77.046559 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/07
RMI-Indexes: 0214001 002700 00080 Within Park Boundary: No
RMI-Miles: 0112.80 0003.90 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 10.22 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.268	0.268	0.337	0.198	0.01	0.098	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	550200.	550200.	1100000.	400.604560080000.		777534.617	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	4.322	4.322	6.041	2.602	5.915	2.432	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20976.177								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	230200.	230200.	460000.	400.105616080000.		324986.277	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	4.132	4.132	5.663	2.602	4.684	2.164	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			13564.66								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	151000.	151000.	300000.	2000.44402000000.		210717.821	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.389	4.389	5.477	3.301	2.368	1.539	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			24494.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0421

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0422

NPS Station ID: GWMP0422 LAT/LON: 38.936115/ -77.119448 Agency: 21VASWCB Date Created: / /
Location: RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GLEBE RD. FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APIM000.15 /VA1A07-X0090/VA1A3X0090
RMI-Indexes: 0214001 002810 Within Park Boundary: No
RMI-Miles: 0119.82 0000.15
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070008 RF1 Mile Point: 0.000 Distance from RF1: 21.10 On/Off RF1:
RF3 Index: 02070010059600.00 RF3 Mile Point: 0.46 Distance from RF3: 0.04 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: PIMMIT RUN SECTION: 07 TOPO MAP #: 0031 TOPO MAP NAME: WASHINGTON WEST, DC-MD-VA

Parameter Inventory for Station: GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	221	13.4	13.391	28.3	0.	60.765	7.795	2.76	6.45	20.4	23.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	100	3.15	12.951	170.	0.4	831.378	28.834	0.81	1.525	10.3	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-11/07/95	15	2.2	2.427	6.6	0.6	2.318	1.522	0.66	1.2	2.9	5.16
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/08/82-10/01/84	11	1.	2.522	20.	0.	33.779	5.812	0.025	0.67	1.	16.3
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-03/03/93	24	17.	25.333	111.	5.	567.014	23.812	8.	12.25	30.25	60.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	150	233.	297.493	4684.	22.	188466.721	434.128	122.2	186.	271.5	332.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	66	248.5	272.045	1500.	110.	41170.167	202.904	129.7	212.	270.5	320.6
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/07/95-02/07/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	43	10.8	10.43	13.9	6.2	3.066	1.751	8.18	8.9	11.6	12.32
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	174	10.	10.356	15.	1.3	4.564	2.136	7.9	8.8	11.85	13.45
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	172	1.	1.562	8.	0.5	1.355	1.164	0.5	1.	2.	2.88
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	172	8.	9.997	50.	0.5	55.411	7.444	3.	5.	13.	19.7
00400p	PH (STANDARD UNITS)	07/06/72-11/07/95	215	7.5	7.574	9.5	3.5	0.365	0.604	6.9	7.2	7.9	8.312
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	215	7.5	5.817	9.5	3.5	3.468	1.862	6.9	7.2	7.9	8.312
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	215	0.032	1.525	316.228	0.	464.977	21.563	0.005	0.013	0.063	0.126
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	140	7.1	7.085	8.	6.3	0.114	0.338	6.7	6.825	7.3	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	140	7.1	6.964	8.	6.3	0.129	0.359	6.7	6.825	7.3	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	140	0.079	0.109	0.501	0.01	0.007	0.085	0.025	0.05	0.15	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	140	41.	38.464	69.	15.	84.02	9.166	25.	31.25	44.	48.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	80	155.5	205.275	2300.	73.	73847.62	271.749	94.6	134.75	179.5	234.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	79	38.	45.013	400.	9.	1875.218	43.304	21.	29.	53.	64.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	81	114.	162.858	2210.	2.5	69002.27	262.683	70.6	95.5	138.5	187.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	172 ##	2.5	14.52	406.	0.5	1916.627	43.779	1.5	1.5	6.	27.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	171 ##	2.5	6.933	600.	0.	2103.37	45.863	1.	1.5	3.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	171 ##	2.5	12.219	364.	0.	1528.135	39.091	0.5	1.5	4.	18.8
00545	RESIDUE, SETTLEABLE (ML/L)	09/14/83-09/14/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	224 ##	0.05	0.06	0.5	0.005	0.004	0.063	0.02	0.02	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	223 ##	0.005	0.011	0.13	0.005	0.	0.013	0.005	0.005	0.01	0.026
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	210	1.445	1.388	3.699	0.02	0.368	0.607	0.6	0.9	1.843	2.09
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	223	0.3	0.352	3.1	0.05	0.095	0.308	0.1	0.2	0.4	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/10/79	13	1.2	1.135	1.6	0.46	0.115	0.34	0.596	0.8	1.4	1.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	173 ##	0.05	0.078	0.5	0.005	0.004	0.061	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	136	0.02	0.031	0.22	0.005	0.002	0.04	0.005	0.01	0.03	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	166	3.3	4.235	21.	0.5	10.53	3.245	1.5	2.	5.	8.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	94	74.5	73.351	230.	28.	901.435	30.024	36.	62.75	80.	87.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/03/93-03/03/93	1	6790.	6790.	6790.	6790.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	136	32.	57.626	1420.	0.1	20538.195	143.312	13.7	23.	42.	60.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	77	15.	14.663	45.	0.05	36.997	6.082	5.8	12.	17.	21.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	47	0.13	0.132	0.63	0.025	0.009	0.097	0.05	0.05	0.17	0.234
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	84	11.95	11.431	17.	2.5	10.597	3.255	6.85	9.1	14.1	15.45
01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-03/03/93	14	## 1.	2.143	6.	0.5	4.286	2.07	0.5	0.875	5.	5.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/11/86	4	## 5.025	5.488	11.	0.9	22.797	4.775	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/07/88-03/03/93	3	## 5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/11/86	2	## 1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-03/03/93	15	## 5.	5.2	18.	0.5	14.564	3.816	1.4	5.	5.	10.2
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	## 0.095	0.095	0.11	0.08	0.	0.013	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	28.3	26.975	30.7	20.6	19.369	4.401	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-03/03/93	18	## 5.	5.389	10.	1.	6.134	2.477	1.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-03/03/93	18	## 5.	8.889	50.	5.	110.458	10.51	5.	5.	10.	14.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/11/86	4	16.4	21.343	48.3	4.27	355.705	18.86	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/11/79-03/03/93	5	300.	348.2	590.	141.	43066.2	207.524	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-03/03/93	18	## 5.	6.861	20.	0.5	32.347	5.687	0.95	1.	12.25	15.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/11/86	4	45.1	60.075	128.	22.1	2220.943	47.127	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-03/03/93	6	34.	52.167	160.	5.	3128.167	55.93	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/07/88-03/03/93	3	## 5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	9	## 50.	45.556	50.	10.	177.778	13.333	10.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/03/93	7	## 5.	11.429	50.	5.	289.286	17.008	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/11/86	4	17.7	19.175	28.4	12.9	45.882	6.774	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/07/88-09/07/88	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-03/03/93	18	10.	27.778	210.	5.	2771.242	52.643	5.	5.	12.5	120.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/11/86	4	89.55	94.4	147.	51.5	1830.207	42.781	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/07/88-03/03/93	3	## 5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/11/86	2	## 1.3	1.3	2.1	0.5	1.28	1.131	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	4600.	8894.167	24000.	75.	83661617.385	9146.672	230.	2100.	14250.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	3.663	3.584	4.38	1.875	0.507	0.712	2.362	3.322	4.126	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3837.581								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	188	200.	1210.372	24000.	9.	11454872.395	3384.505	50.	50.	675.	2480.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	188	2.301	2.384	4.38	0.954	0.531	0.729	1.699	1.699	2.828	3.393
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			242.372								
32240	TANNIN AND LIGNIN (MG/L)	08/05/92-01/14/93	3	0.2	0.213	0.4	0.04	0.033	0.18	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/11/86	2	## 3.35	3.35	6.2	0.5	16.245	4.031	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	2	## 0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	2	## 0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/13/93	6	0.	0.017	0.05	0.	0.001	0.026	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-10/30/91	2	## 12.503	12.503	25.	0.005	312.375	17.674	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	7	0.	0.022	0.1	0.	0.002	0.039	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2	## 0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-10/30/91	2 ##	125.25	125.25	250.	0.5	31125.125	176.423	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-10/30/91	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/13/93	6	0.	0.013	0.05	0.	0.	0.021	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-10/30/91	2 ##	250.25	250.25	500.	0.5	124750.125	353.2	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-10/30/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/21/74-07/13/93	6	0.	0.192	0.9	0.	0.13	0.361	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-10/30/91	2 ##	125.25	125.25	250.	0.5	31125.125	176.423	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/03/93-03/03/93	1	76.	76.	76.	76.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/14/81-07/07/87	10	0.	0.04	0.3	0.	0.009	0.097	0.	0.	0.025	0.28
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/10/79	50 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.095
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	88 ##	0.01	0.022	0.1	0.005	0.	0.02	0.005	0.005	0.048	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-03/03/93	18 ##	0.25	0.236	0.8	0.15	0.022	0.149	0.15	0.15	0.25	0.305
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/11/86	4 ##	0.043	0.054	0.1	0.03	0.001	0.032	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/03/93-03/03/93	1	19270.	19270.	19270.	19270.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/03/92-06/14/94	22	1.2	2.023	10.2	0.2	4.824	2.196	0.42	0.775	2.625	4.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0422

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	100	4	0.04	34	2	0.06	40	1	0.03	26	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	43	0	0.00	13	0	0.00	20	0	0.00	10	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	174	1	0.01	63	1	0.02	63	0	0.00	48	0	0.00			
00400	PH	Other-Hi Lim.	9.	215	4	0.02	77	3	0.04	81	0	0.00	57	1	0.02			
		Other-Lo Lim.	6.5	215	3	0.01	77	1	0.01	81	2	0.02	57	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	140	0	0.00	49	0	0.00	55	0	0.00	36	0	0.00			
		Other-Lo Lim.	6.5	140	7	0.05	49	2	0.04	55	3	0.05	36	2	0.06			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	223	0	0.00	78	0	0.00	83	0	0.00	62	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	210	0	0.00	73	0	0.00	80	0	0.00	57	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	136	1	0.01	47	0	0.00	54	1	0.02	35	0	0.00			
		Drinking Water	250.	136	5	0.04	47	0	0.00	54	5	0.09	35	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0422

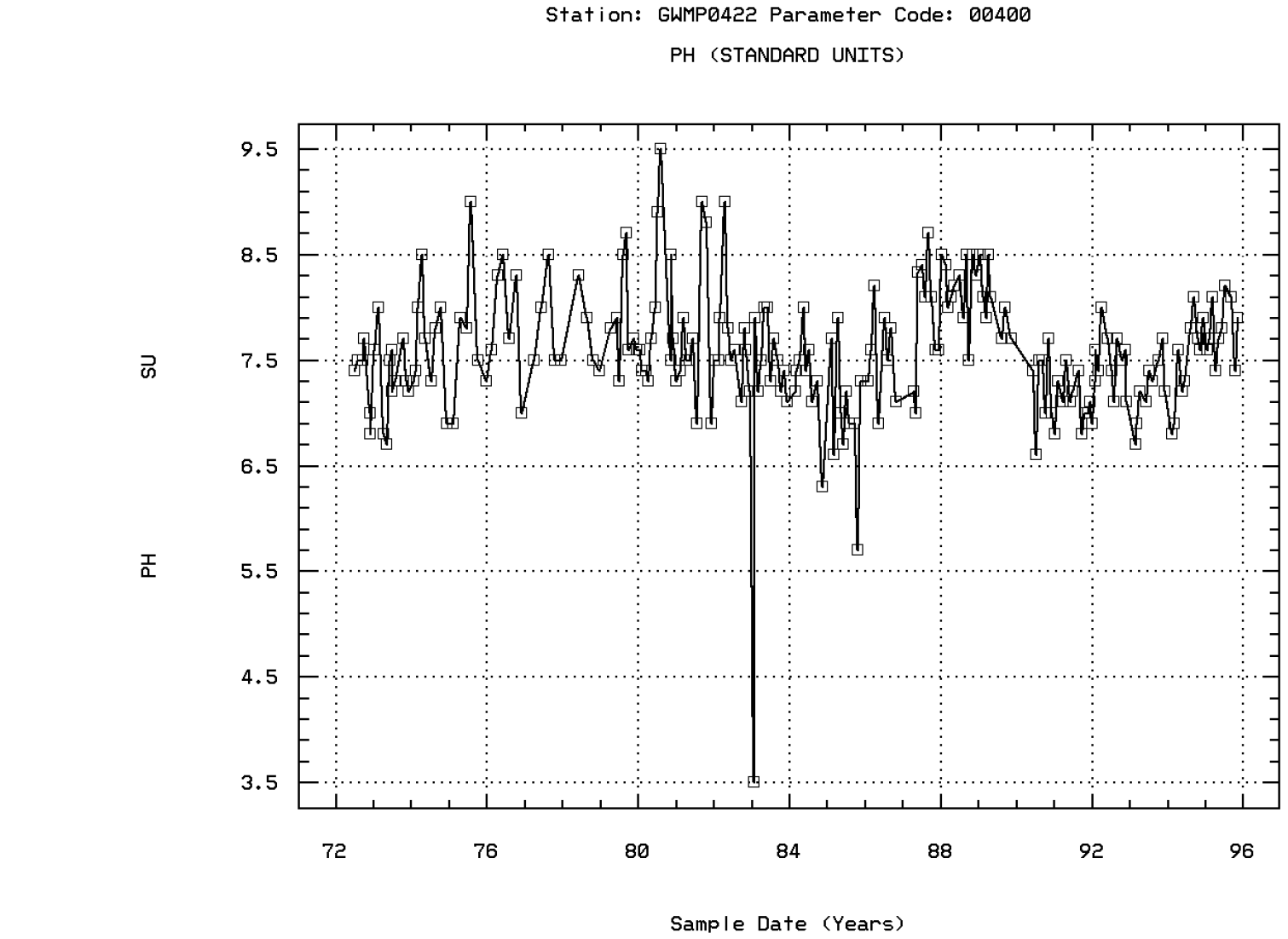
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	77	0	0.00	24	0	0.00	34	0	0.00	19	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	47	0	0.00	15	0	0.00	22	0	0.00	10	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	1 &	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	1	0.25	3	1	0.33				1	0	0.00			
		Drinking Water	5.	4 &	1	0.25	3	1	0.33				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	8	0	0.00	3	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	8	1	0.13	3	0	0.00	7	0	0.00			
		Drinking Water	1300.	18	0	0.00	8	0	0.00	3	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	15.	18	2	0.11	9	2	0.22	3	0	0.00	6	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	18	1	0.06	8	0	0.00	3	1	0.33	7	0	0.00			
		Drinking Water	5000.	18	0	0.00	8	0	0.00	3	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	24	0.80	9	8	0.89	12	10	0.83	9	6	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	188	102	0.54	66	45	0.68	73	31	0.42	49	26	0.53			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	5	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	5	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	2.	6	0	0.00	5	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	1	1.00							1	1	1.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	10	2	0.20	2	2	1.00	4	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	2.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0422

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	22	0	0.00	8	0	0.00	8	0	0.00	6	0	0.00			

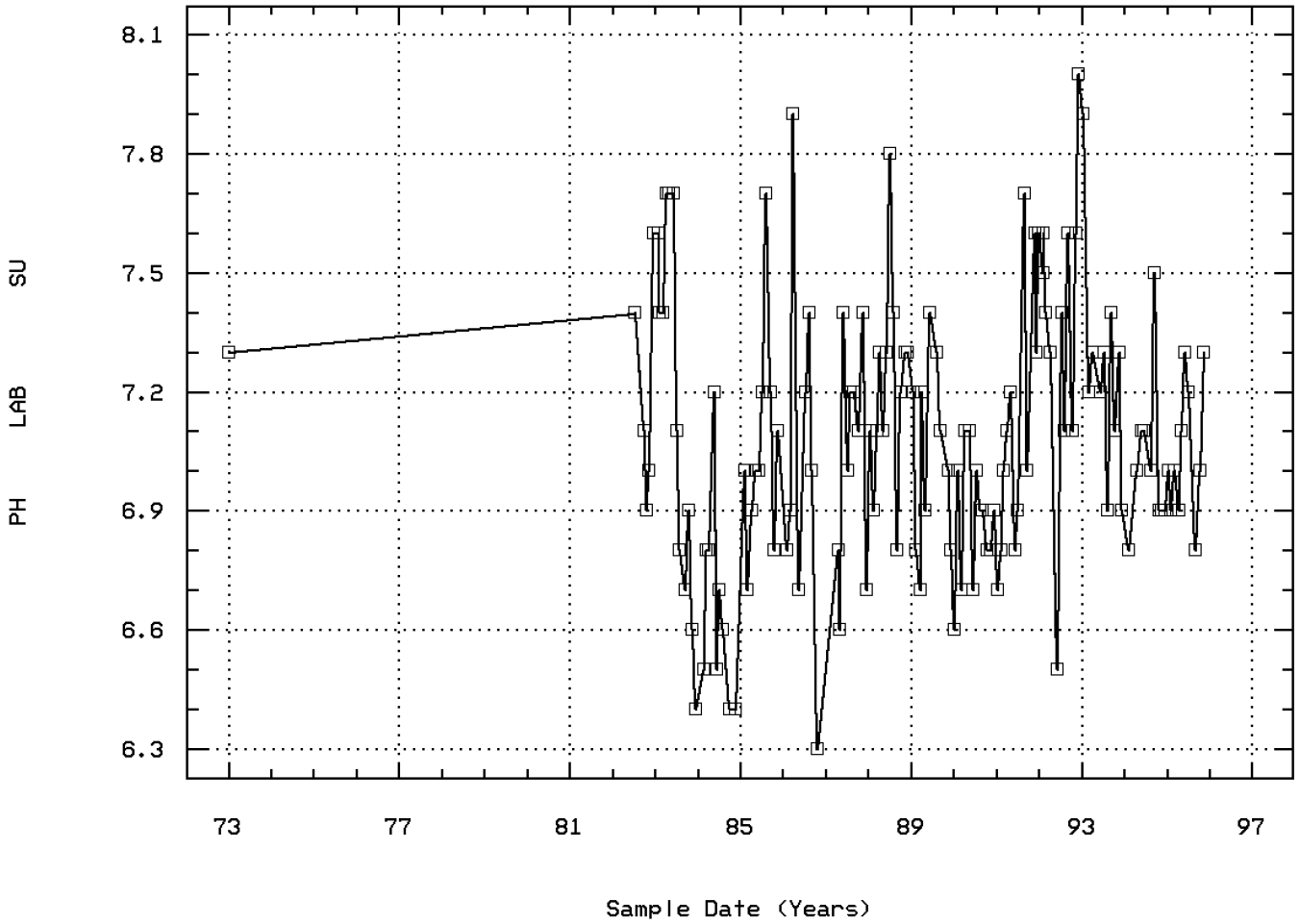
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00403

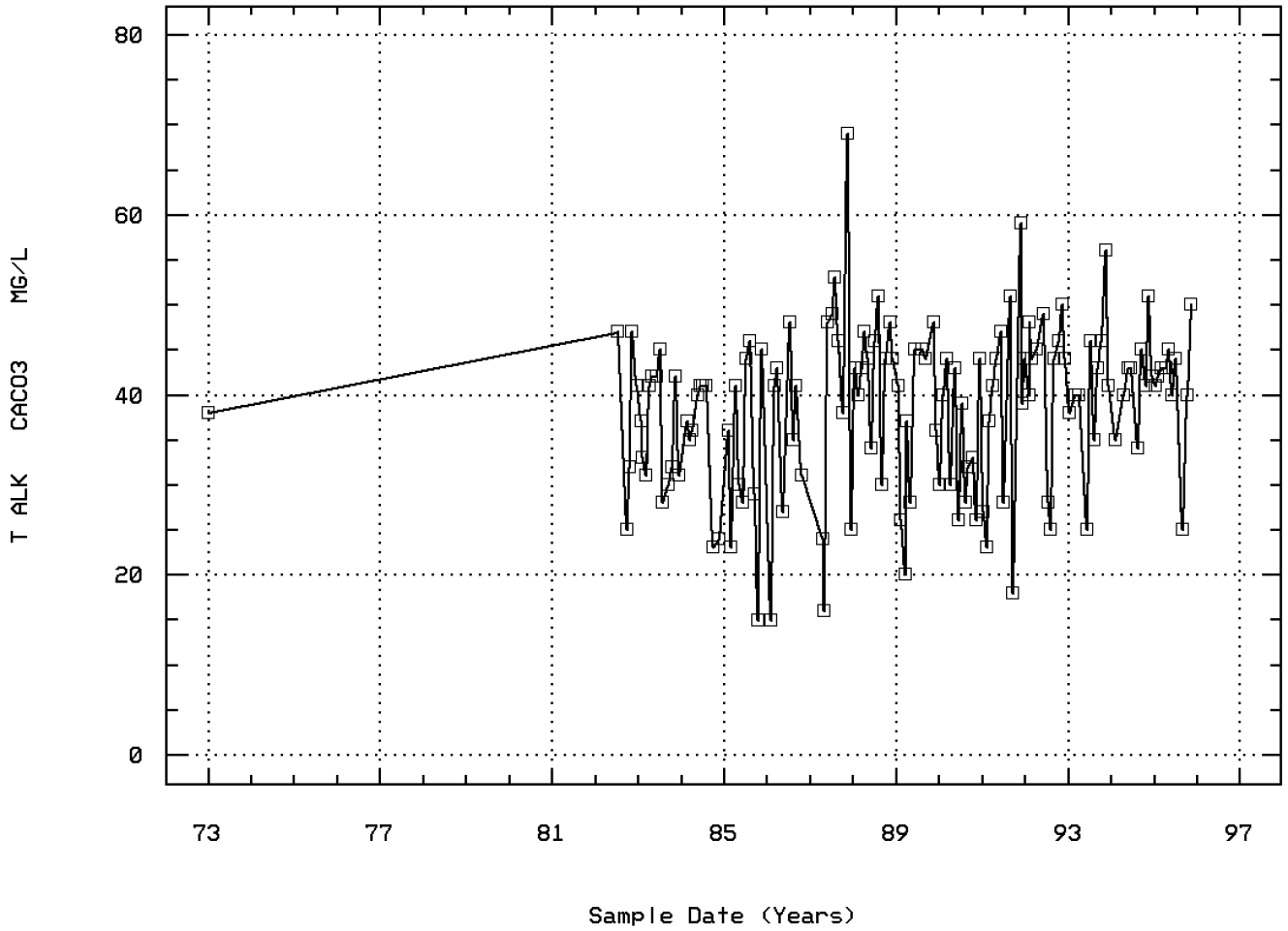
PH, LAB, STANDARD UNITS



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00410

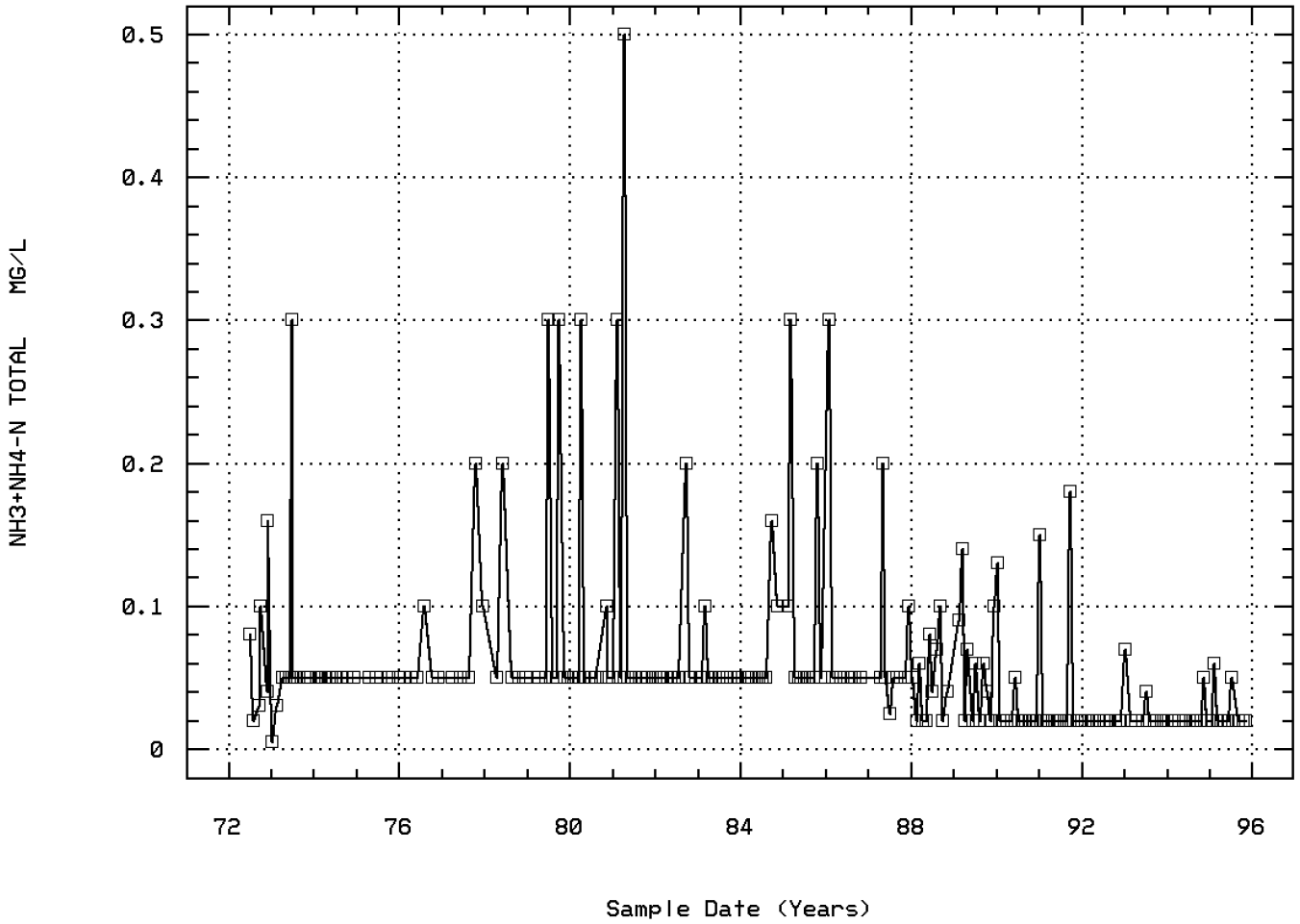
ALKALINITY, TOTAL (MG/L AS CACO3)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00610

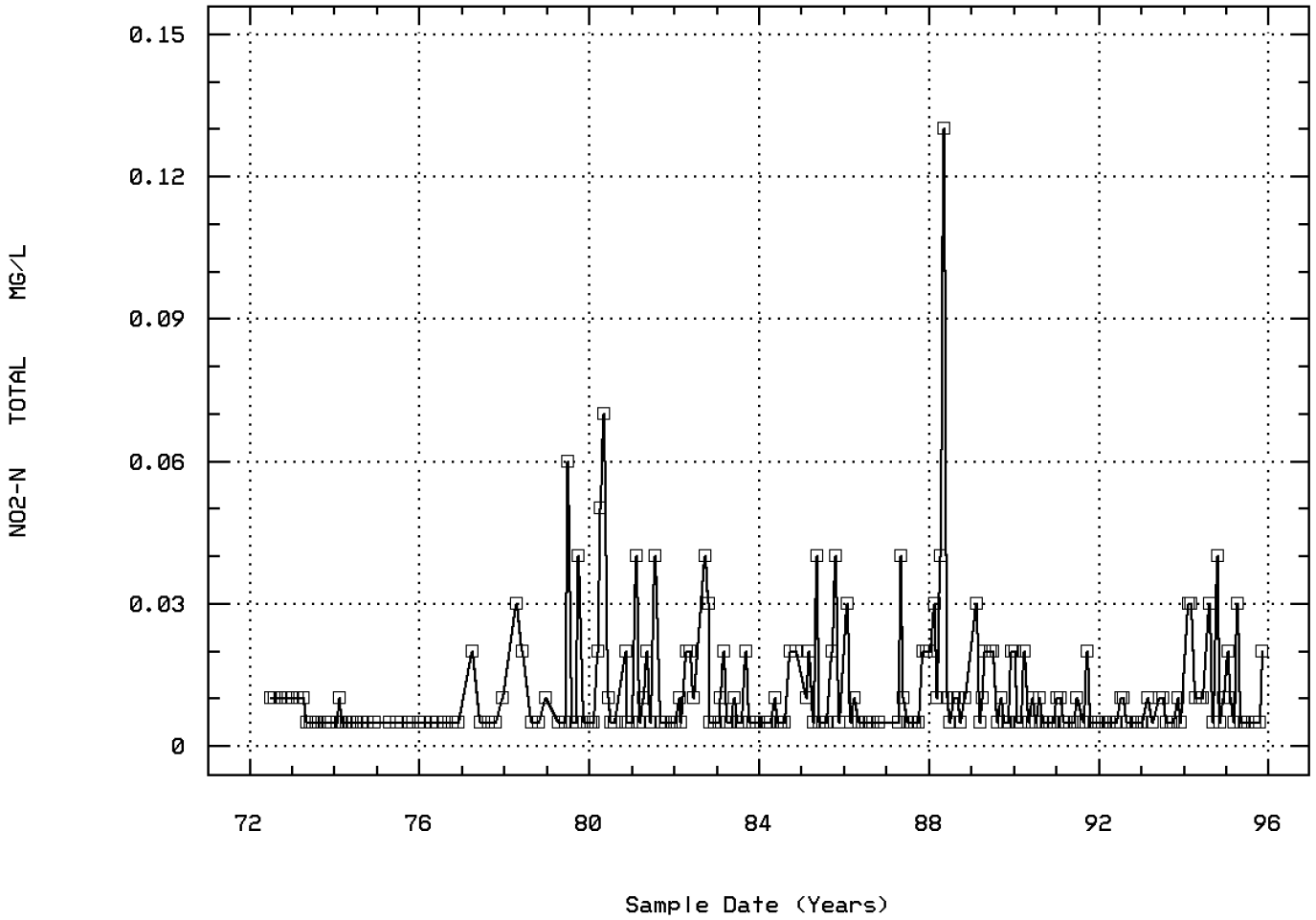
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00615

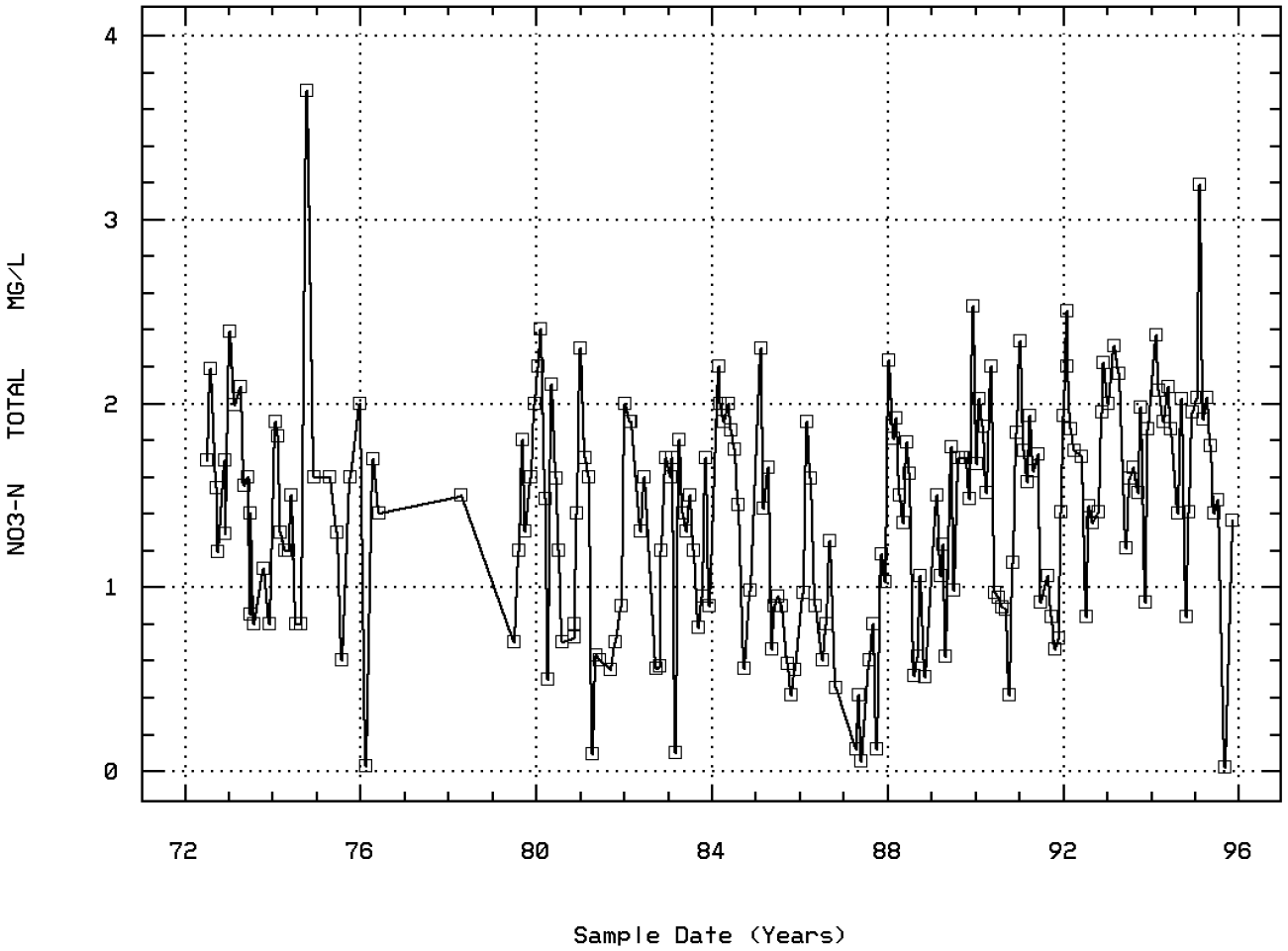
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00620

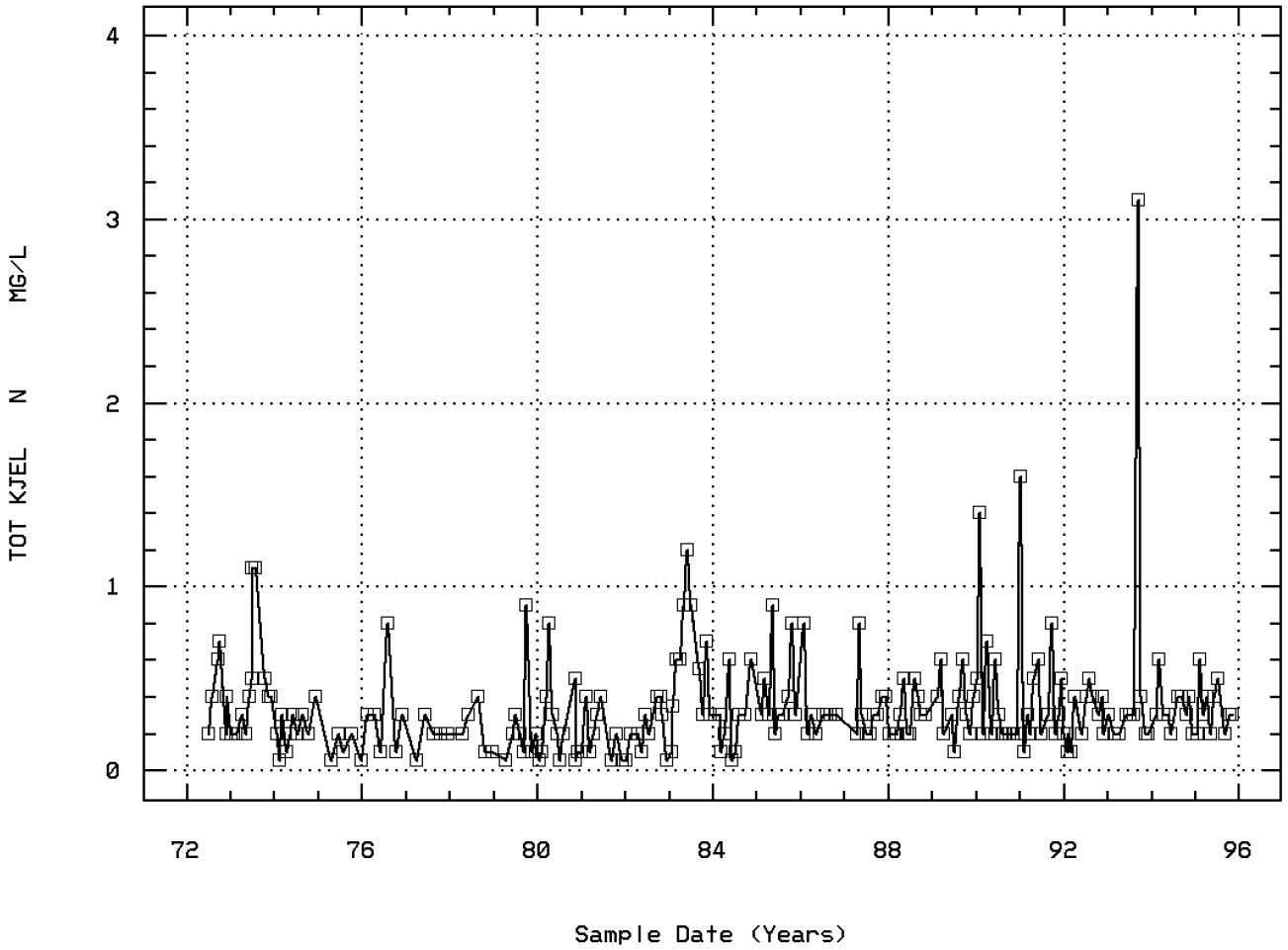
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00625

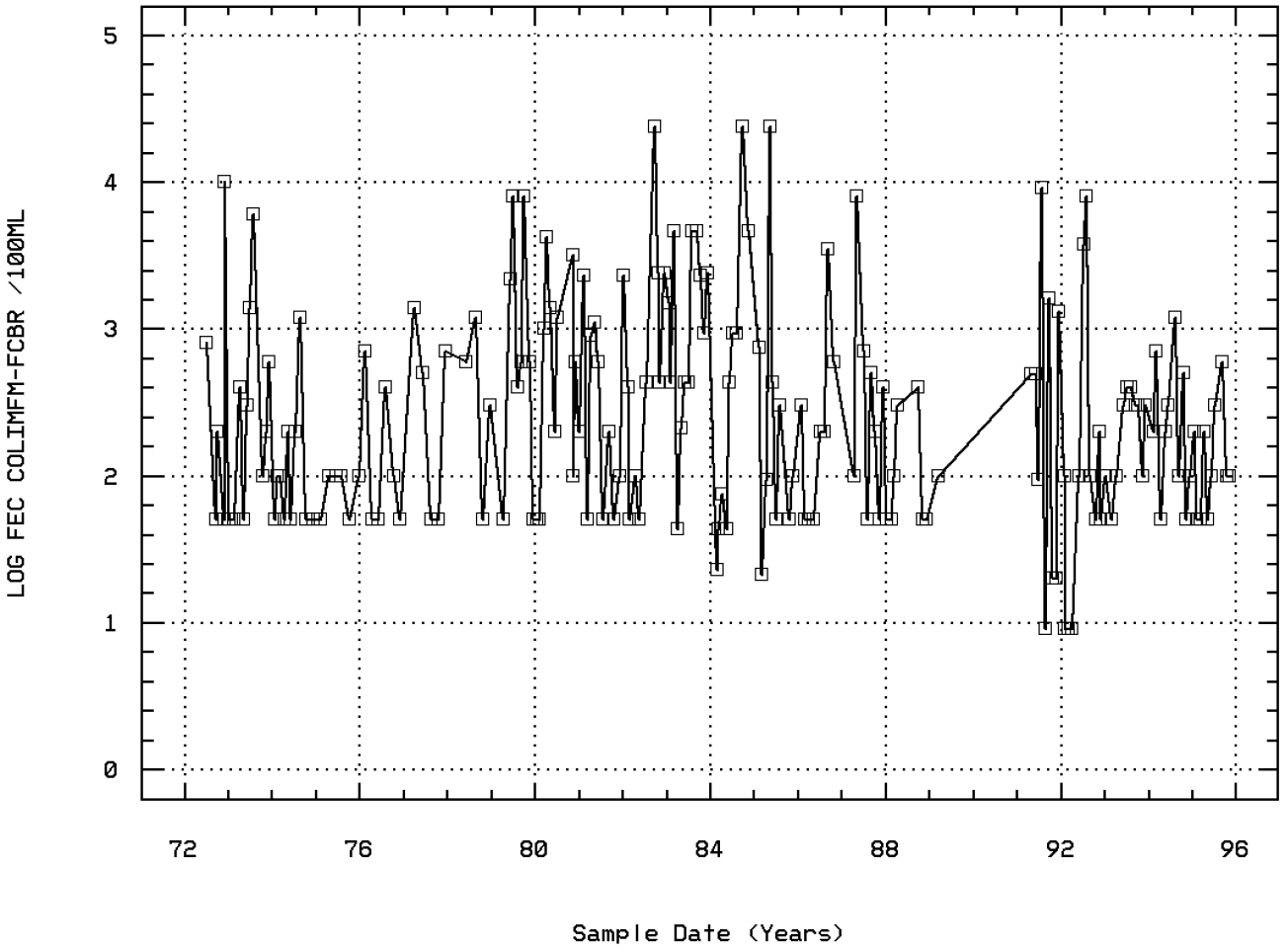
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Annual Analysis for 1972 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	6	16.1	14.55	23.9	5.6	59.563	7.718	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	6	9.75	10.283	12.6	8.8	2.586	1.608	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	6	7.45	7.317	7.7	6.8	0.118	0.343	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	6	7.447	7.197	7.7	6.8	0.135	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	6	0.036	0.064	0.158	0.02	0.003	0.054	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	6	0.06	0.072	0.16	0.02	0.003	0.053	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	6	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	6	1.614	1.597	2.189	1.189	0.126	0.356	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	6	0.4	0.417	0.7	0.2	0.042	0.204	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	5	200.	2220.	10000.	50.	19010750.	4360.132	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	5	2.301	2.52	4.	1.699	0.933	0.966	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			331.445								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	6	0.02	0.025	0.04	0.01	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	11	14.4	15.4	28.3	0.	85.524	9.248	0.88	10.	24.4	27.76
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	11	9.8	9.927	14.6	7.	5.914	2.432	7.	7.8	11.	14.28
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.3	7.355	8.	6.7	0.147	0.383	6.72	7.2	7.6	7.94
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.3	7.199	8.	6.7	0.173	0.416	6.72	7.2	7.6	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	11	0.05	0.063	0.2	0.01	0.004	0.061	0.012	0.025	0.063	0.191
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	11 ##	0.05	0.067	0.3	0.005	0.006	0.079	0.01	0.05	0.05	0.25
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	1.399	1.415	2.389	0.8	0.313	0.56	0.8	0.85	1.989	2.329
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	11	0.4	0.482	1.099	0.2	0.105	0.325	0.2	0.2	0.5	1.099
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	250.	915.	6000.	50.	3361694.444	1833.492	50.	50.	800.	5540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.389	2.418	3.778	1.699	0.476	0.69	1.699	1.699	2.87	3.715
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			261.791								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	11 ##	0.05	0.043	0.05	0.01	0.	0.016	0.01	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	9	12.8	14.256	26.1	2.2	62.223	7.888	2.2	7.75	21.4	26.1
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	9	10.6	10.567	13.6	8.3	3.02	1.738	8.3	8.9	11.7	13.6
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.7	7.656	8.5	6.9	0.233	0.482	6.9	7.3	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.7	7.442	8.5	6.9	0.284	0.533	6.9	7.3	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	9	0.02	0.036	0.126	0.003	0.001	0.038	0.003	0.01	0.05	0.126
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	1.4	1.581	3.699	0.8	0.694	0.833	0.8	1.099	1.839	3.519
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.2	0.225	0.4	0.05	0.011	0.103	0.055	0.175	0.3	0.39
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10 ##	75.	205.	1200.	50.	125805.556	354.691	50.	50.	200.	1100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10 ##	1.849	2.018	3.079	1.699	0.2	0.447	1.699	1.699	2.301	3.001
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			104.138								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	6	14.45	14.083	26.7	1.7	100.41	10.02	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	6	10.	10.533	13.6	8.2	4.895	2.212	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	6	7.65	7.733	9.	6.9	0.515	0.717	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	6	7.625	7.403	9.	6.9	0.645	0.803	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	6	0.024	0.04	0.126	0.001	0.002	0.046	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	5	1.599	1.419	2.	0.6	0.272	0.521	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	5	0.1	0.12	0.2	0.05	0.006	0.076	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	6	100.	83.333	100.	50.	666.667	25.82	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	6	2.	1.9	2.	1.699	0.024	0.155	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			79.37								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	5 ##	0.005	0.023	0.05	0.005	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	6	13.35	14.267	22.8	2.2	62.615	7.913	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	6	10.8	10.417	12.3	8.4	2.122	1.457	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	6	8.	7.9	8.5	7.	0.324	0.569	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	6	7.904	7.579	8.5	7.	0.448	0.669	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	6	0.012	0.026	0.1	0.003	0.001	0.037	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	4	1.2	1.031	1.699	0.025	0.532	0.729	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	6	0.3	0.317	0.8	0.1	0.066	0.256	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	6 ##	75.	225.	700.	50.	72750.	269.722	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	6 ##	1.849	2.091	2.845	1.699	0.26	0.51	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.219								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	6 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	5	2.7	6.58	18.	0.8	55.232	7.432	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	5	9.5	9.26	10.5	7.2	1.783	1.335	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	5	7.5	7.8	8.5	7.5	0.2	0.447	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	5	7.5	7.665	8.5	7.5	0.223	0.472	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	5	0.032	0.022	0.032	0.003	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	5 ##	0.05	0.09	0.2	0.05	0.004	0.065	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	5 ##	0.005	0.009	0.02	0.005	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	5	0.2	0.19	0.3	0.05	0.008	0.089	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	5	500.	540.	1400.	50.	311750.	558.346	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	5	2.699	2.418	3.146	1.699	0.456	0.676	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			261.594								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	5 ##	0.005	0.014	0.05	0.005	0.	0.02	**	**	**	**

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Annual Analysis for 1978 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	4	16.6	15.675	26.	3.5	106.423	10.316	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	4	7.9	7.45	12.7	1.3	22.257	4.718	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	4	7.7	7.775	8.3	7.4	0.169	0.411	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	4	7.655	7.653	8.3	7.4	0.189	0.435	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	4	0.022	0.022	0.04	0.005	0.	0.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	5 ##	0.05	0.08	0.2	0.05	0.005	0.067	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	5	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	5	0.2	0.22	0.4	0.1	0.017	0.13	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	4	450.	537.5	1200.	50.	245625.	495.606	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	4	2.628	2.508	3.079	1.699	0.352	0.593	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			322.371								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**

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Annual Analysis for 1979 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	8	19.	15.813	23.	3.	46.996	6.855	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	6	181.	171.667	222.	109.	2020.267	44.947	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	8	9.2	9.575	13.	7.5	3.079	1.755	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	6	1.	1.333	2.	1.	0.267	0.516	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	6	9.	11.167	29.	2.	88.167	9.39	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	8	7.75	7.887	8.7	7.3	0.227	0.476	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	8	7.747	7.716	8.7	7.3	0.261	0.511	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	8	0.018	0.019	0.05	0.002	0.	0.015	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	5	140.	177.2	255.	123.	3917.2	62.588	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	5	39.	106.8	400.	18.	26950.7	164.167	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	5	105.	141.6	213.	94.	3120.8	55.864	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	6 ##	4.25	46.25	132.	2.5	4413.675	66.435	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	6 ##	4.25	104.917	600.	2.5	58853.142	242.597	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	6 ##	2.5	39.917	116.	0.	3474.142	58.942	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	8 ##	0.05	0.113	0.3	0.05	0.013	0.116	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	8 ##	0.005	0.016	0.06	0.005	0.	0.022	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	6	1.45	1.433	2.	0.7	0.219	0.468	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	8	0.2	0.256	0.9	0.05	0.074	0.272	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	6 ##	0.05	0.117	0.3	0.05	0.012	0.108	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	6	0.025	0.083	0.22	0.01	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	6	5.	5.5	14.	1.	19.9	4.461	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	600.	2487.5	8000.	50.	12031964.286	3468.712	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	2.778	2.838	3.903	1.699	0.74	0.86	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			688.832								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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Annual Analysis for 1980 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	11	9.	12.718	27.	2.	78.994	8.888	2.38	6.	23.5	26.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	222.	251.818	696.	114.	24079.964	155.177	116.8	193.	254.	611.6
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	10	9.9	9.78	12.8	5.8	4.911	2.216	5.98	7.75	11.5	12.76
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	11	2.	2.182	7.	1.	3.364	1.834	1.	1.	2.	6.4
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	11	11.	15.455	50.	1.	187.873	13.707	1.8	8.	17.	46.

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Annual Analysis for 1980 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.7	7.955	9.5	7.3	0.509	0.713	7.32	7.4	8.5	9.38
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.7	7.659	9.5	7.3	0.605	0.778	7.32	7.4	8.5	9.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	11	0.02	0.022	0.05	0.	0.	0.017	0.001	0.003	0.04	0.048
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	5.	34.182	204.	2.5	3500.064	59.161	2.5	2.5	44.	173.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	5.	6.455	22.	2.5	32.773	5.725	2.5	2.5	8.	19.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	2.5	28.864	182.	1.	2807.005	52.981	1.3	2.5	34.	154.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	11 ##	0.05	0.077	0.3	0.05	0.006	0.075	0.05	0.05	0.05	0.26
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11 ##	0.005	0.018	0.07	0.005	0.	0.022	0.005	0.005	0.02	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	1.4	1.373	2.4	0.5	0.431	0.657	0.54	0.73	2.1	2.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	11	0.2	0.25	0.8	0.05	0.056	0.237	0.05	0.05	0.4	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11 ##	0.05	0.095	0.3	0.05	0.007	0.082	0.05	0.05	0.1	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	11	0.01	0.036	0.14	0.005	0.002	0.045	0.005	0.01	0.06	0.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	11	7.	8.818	21.	1.	27.564	5.25	1.8	6.	12.	19.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	800.	1200.	4200.	50.	2032777.778	1425.755	50.	87.5	1850.	4100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.889	2.683	3.623	1.699	0.51	0.714	1.699	1.925	3.236	3.611
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			482.04								

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Annual Analysis for 1981 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	12.8	12.11	23.5	0.2	81.843	9.047	0.31	2.2	22.25	23.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	236.	289.4	1000.	141.	64354.933	253.683	141.5	173.75	256.75	927.1
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	9	10.8	10.433	13.2	8.	4.393	2.096	8.	8.2	12.5	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	10	2.	2.05	4.	0.5	1.358	1.165	0.55	1.	2.5	4.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	10	11.	11.95	25.	0.5	71.025	8.428	0.65	5.	20.5	24.7
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.5	7.69	9.	6.9	0.505	0.711	6.9	7.2	8.125	8.98
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.5	7.356	9.	6.9	0.629	0.793	6.9	7.2	8.125	8.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	10	0.032	0.044	0.126	0.001	0.002	0.046	0.001	0.01	0.069	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	2.5	13.6	76.	2.5	552.989	23.516	2.5	2.5	13.5	71.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	2.5	3.7	10.	2.5	6.067	2.463	2.5	2.5	3.75	9.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	2.5	11.4	66.	2.5	412.322	20.306	2.5	2.5	9.75	61.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.05	0.12	0.5	0.05	0.024	0.155	0.05	0.05	0.113	0.48
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.005	0.014	0.04	0.005	0.	0.014	0.005	0.005	0.025	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	0.8	1.007	2.3	0.091	0.441	0.664	0.137	0.588	1.625	2.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.2	0.28	1.	0.05	0.081	0.285	0.05	0.088	0.4	0.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	10	0.015	0.029	0.14	0.005	0.002	0.041	0.005	0.009	0.033	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	10	8.	7.6	21.	1.	37.156	6.096	1.1	2.	10.5	20.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	200.	555.	2300.	50.	520805.556	721.669	50.	50.	950.	2180.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.301	2.383	3.362	1.699	0.382	0.618	1.699	1.699	2.976	3.33
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			241.796								

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Annual Analysis for 1982 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	13.7	12.77	22.	0.2	70.882	8.419	0.48	3.6	21.25	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	3	3.	13.033	34.	2.1	329.903	18.163	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	11	225.	247.545	568.	103.	14816.673	121.724	108.2	196.	286.	515.6
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	10	10.1	10.41	13.9	7.5	4.265	2.065	7.6	8.575	12.45	13.77
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	11	2.	1.682	3.	0.5	0.514	0.717	0.6	1.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	11	7.	9.727	25.	3.	52.618	7.254	3.2	4.	16.	23.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.6	7.682	9.	7.1	0.25	0.5	7.12	7.5	7.8	8.78
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.6	7.519	9.	7.1	0.279	0.528	7.12	7.5	7.8	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	11	0.025	0.03	0.079	0.001	0.001	0.023	0.003	0.016	0.032	0.076
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	5	7.1	7.2	7.6	6.9	0.085	0.292	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	5	7.1	7.13	7.6	6.9	0.091	0.302	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	5	0.079	0.074	0.126	0.025	0.002	0.042	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	5	41.	38.4	47.	25.	93.8	9.685	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	5.	16.273	108.	2.5	980.518	31.313	2.5	2.5	11.	92.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	2.5	5.455	22.	0.	40.973	6.401	0.2	2.5	7.	20.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	11	4.	11.727	86.	0.	623.718	24.974	0.5	2.5	5.	72.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	11 ##	0.05	0.064	0.2	0.05	0.002	0.045	0.05	0.05	0.05	0.17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	0.01	0.015	0.04	0.005	0.	0.012	0.005	0.005	0.023	0.039
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	1.45	1.373	2.	0.56	0.287	0.536	0.561	0.893	1.9	1.99
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.2	0.22	0.4	0.05	0.017	0.13	0.05	0.088	0.325	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.05	0.08	0.2	0.05	0.003	0.054	0.05	0.05	0.113	0.195
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	11	0.02	0.042	0.17	0.005	0.003	0.055	0.006	0.01	0.04	0.162
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	11	3.	3.545	8.	0.5	6.623	2.573	0.5	2.	6.	7.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	5	23.	21.	39.	9.	150.5	12.268	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	430.	3256.	24000.	50.	54148826.667	7358.589	50.	87.5	2400.	21840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.633	2.777	4.38	1.699	0.738	0.859	1.699	1.925	3.38	4.28
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			598.315								

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Annual Analysis for 1983 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	12	13.15	13.625	25.	3.5	61.757	7.859	3.65	6.375	21.075	24.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	4.35	10.383	35.	1.1	154.196	12.418	1.16	2.4	17.625	34.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	184.	339.	2151.	89.	327277.636	572.082	104.3	146.5	217.	1577.7
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	12	11.1	10.708	13.8	7.8	3.279	1.811	8.1	8.925	11.925	13.47
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	12	1.	1.167	2.	0.5	0.288	0.537	0.5	1.	1.75	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	12	9.	9.25	16.	3.	15.114	3.888	3.6	6.25	12.	15.4
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	12	7.45	7.192	8.	3.5	1.45	1.204	4.58	7.2	7.85	8.
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	12	7.447	4.579	8.	3.5	8.899	2.983	4.58	7.2	7.85	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	12	0.036	26.387	316.228	0.01	8331.363	91.276	0.01	0.014	0.063	221.383
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	12	7.25	7.167	7.7	6.4	0.226	0.475	6.46	6.725	7.675	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	12	7.225	6.94	7.7	6.4	0.282	0.531	6.46	6.725	7.675	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	12	0.06	0.115	0.398	0.02	0.014	0.119	0.02	0.021	0.189	0.354
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	12	35.	36.167	45.	28.	35.424	5.952	28.6	31.	42.	44.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	5.	8.042	30.	2.5	72.657	8.524	2.5	2.5	11.	26.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	2.75	4.125	9.	1.	5.824	2.413	1.45	2.5	6.	8.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	2.5	4.958	24.	0.	41.93	6.475	0.6	2.125	4.75	19.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12	1.35	1.244	1.8	0.1	0.243	0.493	0.304	0.913	1.675	1.77
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	12	0.6	0.625	1.2	0.1	0.109	0.33	0.16	0.313	0.9	1.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.065	0.13	0.05	0.001	0.028	0.05	0.05	0.088	0.121
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	12	0.02	0.04	0.13	0.005	0.001	0.038	0.005	0.013	0.065	0.115
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	12	3.	4.	8.	1.	6.182	2.486	1.3	2.	6.75	7.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	9	23.	92.222	660.	14.	45343.944	212.941	14.	20.	24.5	660.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	8	11.65	12.1	16.2	7.7	8.226	2.868	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	12	1215.	1872.75	4600.	43.	3287203.477	1813.065	93.1	430.	4050.	4600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	12	3.072	2.978	3.663	1.633	0.395	0.629	1.84	2.633	3.592	3.663
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			949.671								

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Annual Analysis for 1984 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	9	13.4	14.378	25.	3.5	76.512	8.747	3.5	5.3	22.95	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	9	4.1	18.4	121.	2.	1511.21	38.874	2.	2.65	12.65	121.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	199.	197.556	466.	93.	12537.778	111.972	93.	106.5	209.	466.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	9	10.	10.411	12.8	7.9	3.619	1.902	7.9	8.75	12.6	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	9	1.	1.944	8.	0.5	5.403	2.324	0.5	1.	2.	8.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	9	5.	9.722	27.	0.5	105.069	10.25	0.5	2.5	20.	27.
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.4	7.311	8.	6.3	0.211	0.459	6.3	7.15	7.55	8.
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.4	7.03	8.	6.3	0.3	0.548	6.3	7.15	7.55	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	9	0.04	0.093	0.501	0.01	0.024	0.154	0.01	0.028	0.071	0.501
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	9	6.6	6.656	7.2	6.4	0.065	0.255	6.4	6.45	6.8	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	9	6.6	6.6	7.2	6.4	0.069	0.262	6.4	6.45	6.8	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	9	0.251	0.251	0.398	0.063	0.013	0.116	0.063	0.158	0.357	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	9	37.	35.333	41.	23.	50.25	7.089	23.	29.5	41.	41.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	9	5.	23.222	173.	2.5	3160.819	56.221	2.5	2.5	8.	173.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	9	2.5	4.778	20.	1.	34.319	5.858	1.	2.25	5.	20.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	9	2.5	19.556	153.	0.	2506.153	50.061	0.	2.5	4.5	153.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	9 ##	0.05	0.068	0.16	0.05	0.001	0.038	0.05	0.05	0.075	0.16
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	9 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	9	1.85	1.632	2.2	0.56	0.292	0.54	0.56	1.215	2.	2.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	9	0.3	0.283	0.6	0.05	0.041	0.203	0.05	0.1	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	9	0.01	0.029	0.09	0.005	0.001	0.035	0.005	0.008	0.055	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	9	3.	4.444	10.	2.	9.278	3.046	2.	2.	7.	10.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	9	25.	30.556	106.	9.	851.278	29.177	9.	16.	27.	106.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	3	13.2	13.6	14.5	13.1	0.61	0.781	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	430.	3452.667	24000.	23.	61474548.5	7840.571	23.	43.	2765.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	2.633	2.569	4.38	1.362	1.061	1.03	1.362	1.633	3.316	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			370.314								

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Annual Analysis for 1985 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	17.1	15.74	24.	4.	44.012	6.634	4.4	10.625	20.9	23.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	10	9.6	25.27	153.	1.4	2113.042	45.968	1.49	2.45	25.5	140.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	168.	163.8	265.	64.	3641.956	60.349	68.9	119.75	205.5	259.5
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	8	9.45	9.925	13.2	7.5	4.236	2.058	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	10	1.	2.	7.	0.5	4.833	2.198	0.5	0.875	2.75	6.8
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	10	8.5	13.	43.	1.	173.556	13.174	1.2	4.5	19.75	41.5
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	10	6.95	6.99	7.9	5.7	0.377	0.614	5.79	6.675	7.4	7.88
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	10	6.947	6.531	7.9	5.7	0.611	0.781	5.79	6.675	7.4	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	10	0.113	0.294	1.995	0.013	0.363	0.602	0.013	0.043	0.212	1.821
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	10	7.	7.06	7.7	6.7	0.076	0.276	6.71	6.875	7.2	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	10	7.	6.996	7.7	6.7	0.081	0.284	6.71	6.875	7.2	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	10	0.1	0.101	0.2	0.02	0.003	0.051	0.024	0.063	0.134	0.195
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	10	33.	33.7	46.	15.	108.456	10.414	15.8	26.75	44.25	45.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	5.75	47.95	406.	2.5	15880.247	126.017	2.5	2.5	19.75	367.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	2.5	6.95	42.	1.	155.025	12.451	1.15	2.5	4.25	38.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	5.25	42.25	364.	2.5	12809.625	113.18	2.5	2.5	13.	329.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.05	0.095	0.3	0.05	0.007	0.086	0.05	0.05	0.125	0.29
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.008	0.016	0.04	0.005	0.	0.014	0.005	0.005	0.025	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	0.9	1.033	2.3	0.41	0.35	0.592	0.424	0.573	1.485	2.235
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.3	0.43	0.9	0.2	0.056	0.236	0.21	0.3	0.575	0.89
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.075	0.105	0.3	0.05	0.007	0.083	0.05	0.05	0.125	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	10	0.03	0.038	0.12	0.005	0.001	0.033	0.006	0.018	0.053	0.114
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	10	4.	5.1	14.	1.	12.544	3.542	1.2	3.	6.25	13.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	10	24.	26.	59.	8.	226.	15.033	8.5	15.25	29.75	57.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	100.	2866.	24000.	21.	62866985.75	7928.87	21.	50.	590.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	2.	2.339	4.38	1.322	0.833	0.913	1.322	1.699	2.754	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			218.469								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	9	17.	15.744	24.2	1.5	65.613	8.1	1.5	10.	22.	24.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	8	3.4	7.125	32.	1.5	104.274	10.211	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	8	220.5	237.625	463.	22.	22504.268	150.014	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	9	9.2	9.878	13.6	7.3	4.654	2.157	7.3	8.55	11.75	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	8	1.	1.313	4.	0.5	1.21	1.1	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	8	9.5	9.625	16.	4.	14.268	3.777	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.5	7.533	8.2	6.9	0.162	0.403	6.9	7.2	7.85	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.5	7.376	8.2	6.9	0.19	0.436	6.9	7.2	7.85	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	9	0.032	0.042	0.126	0.006	0.001	0.038	0.006	0.014	0.065	0.126
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	8	6.95	7.025	7.9	6.3	0.234	0.483	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	8	6.947	6.824	7.9	6.3	0.28	0.529	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	8	0.113	0.15	0.501	0.013	0.024	0.155	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	8	38.	35.125	48.	15.	112.125	10.589	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	8 ##	2.5	14.625	97.	2.5	1108.625	33.296	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	8 ##	2.5	4.	14.	2.5	16.357	4.044	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	7 ##	2.5	13.929	83.	2.	927.702	30.458	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	8 ##	0.05	0.081	0.3	0.05	0.008	0.088	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	8 ##	0.005	0.009	0.03	0.005	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	8	0.935	1.058	1.9	0.45	0.244	0.494	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	8	0.3	0.338	0.8	0.2	0.037	0.192	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	8	0.04	0.05	0.1	0.02	0.001	0.033	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	8 ##	0.008	0.023	0.1	0.005	0.001	0.033	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	8	4.5	4.625	7.	3.	1.411	1.188	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	8	34.5	48.	125.	13.	1578.571	39.731	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	5	13.	12.	16.5	7.4	16.655	4.081	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	200.	618.75	3500.	50.	1389241.071	1178.661	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	2.301	2.312	3.544	1.699	0.413	0.643	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			205.253								

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Annual Analysis for 1987 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	16.	16.89	24.8	6.4	40.599	6.372	6.89	11.375	23.575	24.79
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	8	1.95	26.65	170.	0.7	3467.146	58.882	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	229.	216.444	301.	93.	4704.028	68.586	93.	164.	272.5	301.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	8	9.4	9.6	11.8	7.8	2.026	1.423	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	9	1.	1.611	5.	0.5	1.861	1.364	0.5	1.	2.	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	9	7.	10.667	28.	5.	54.5	7.382	5.	6.	14.	28.
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.85	7.823	8.7	7.	0.341	0.584	7.02	7.2	8.348	8.67
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.782	7.519	8.7	7.	0.444	0.666	7.02	7.2	8.347	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	10	0.017	0.03	0.1	0.002	0.001	0.034	0.002	0.005	0.063	0.096
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	9	7.1	7.044	7.4	6.6	0.085	0.292	6.6	6.75	7.3	7.4

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Annual Analysis for 1987 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	9	7.1	6.957	7.4	6.6	0.094	0.307	6.6	6.75	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	9	0.079	0.11	0.251	0.04	0.006	0.075	0.04	0.051	0.179	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	9	46.	40.889	69.	16.	280.611	16.751	16.	24.5	51.	69.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	2.5	33.333	216.	2.5	5101.813	71.427	2.5	2.5	34.5	216.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	2.5	5.222	20.	2.5	33.257	5.767	2.5	2.5	6.	20.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	2.5	30.056	196.	2.5	4197.34	64.787	2.5	2.5	29.75	196.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	9 ##	0.05	0.069	0.2	0.025	0.003	0.053	0.025	0.05	0.075	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	9 ##	0.005	0.013	0.04	0.005	0.	0.012	0.005	0.005	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	9	0.6	0.59	1.18	0.05	0.19	0.436	0.05	0.12	1.015	1.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	9	0.3	0.344	0.8	0.2	0.035	0.188	0.2	0.2	0.4	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	9 ##	0.05	0.072	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	9	0.02	0.023	0.09	0.005	0.001	0.027	0.005	0.005	0.025	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	5	4.	5.	7.	4.	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	6	71.	68.667	100.	32.	517.467	22.748	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	9	32.	27.667	41.	9.	149.5	12.227	9.	14.5	38.5	41.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	9	10.	9.722	17.	2.5	19.239	4.386	2.5	6.2	12.75	17.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	300.	1250.	8000.	50.	7493571.429	2737.439	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	8	2.452	2.469	3.903	1.699	0.529	0.727	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			294.119								

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Annual Analysis for 1988 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	11	16.2	12.545	22.	2.6	56.431	7.512	2.62	4.3	19.5	21.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	1.4	2.833	15.3	0.4	17.582	4.193	0.43	0.625	2.975	12.39
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	244.	263.167	534.	121.	9533.788	97.641	150.4	225.5	265.25	474.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	12	10.65	11.458	14.7	9.2	4.923	2.219	9.23	9.625	14.075	14.64
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	12	1.	1.125	2.	0.5	0.324	0.569	0.5	0.625	1.75	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	12	8.5	8.875	17.	0.5	19.733	4.442	1.85	6.25	11.5	16.4
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	11	8.3	8.2	8.5	7.5	0.096	0.31	7.58	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	11	8.3	8.078	8.5	7.5	0.112	0.335	7.58	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	11	0.005	0.008	0.032	0.003	0.	0.008	0.003	0.003	0.01	0.028
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	12	7.25	7.217	7.8	6.8	0.065	0.255	6.83	7.1	7.3	7.68
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	12	7.247	7.154	7.8	6.8	0.069	0.264	6.83	7.1	7.3	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	12	0.057	0.07	0.158	0.016	0.002	0.039	0.023	0.05	0.079	0.149
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	12	44.	42.833	51.	30.	34.152	5.844	31.2	40.75	46.75	50.1
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	2	154.5	154.5	157.	152.	12.5	3.536	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	2	27.5	27.5	32.	23.	40.5	6.364	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	2	127.	127.	134.	120.	98.	9.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	2.5	2.	5.	0.5	1.636	1.279	0.5	1.	2.5	4.25
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	2.5	2.	5.	0.5	1.636	1.279	0.5	1.	2.5	4.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	1.75	1.542	2.5	0.5	1.021	1.01	0.5	0.5	2.5	2.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	0.04	0.047	0.1	0.02	0.001	0.028	0.02	0.02	0.07	0.096
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	0.01	0.025	0.13	0.005	0.001	0.036	0.005	0.01	0.03	0.112
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	1.5	1.357	2.23	0.51	0.361	0.601	0.512	0.62	1.81	2.168
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	11	0.3	0.3	0.5	0.2	0.014	0.118	0.2	0.2	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11	0.1	0.091	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	11	0.01	0.028	0.14	0.005	0.001	0.039	0.006	0.01	0.03	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	9	2.6	2.522	3.8	1.4	0.847	0.92	1.4	1.5	3.45	3.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	13	72.	67.231	78.	34.	222.192	14.906	34.4	68.	76.	78.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	12	43.5	50.833	129.	22.	753.242	27.445	25.9	37.75	50.25	112.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	3	14.	14.333	16.	13.	2.333	1.528	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	3	0.1	0.26	0.63	0.05	0.103	0.321	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	10	10.25	10.51	16.	6.4	10.132	3.183	6.4	7.525	13.25	15.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	7 ##	50.	142.857	400.	50.	21190.476	145.569	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	7 ##	1.699	1.982	2.602	1.699	0.158	0.398	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			95.974								

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Annual Analysis for 1989 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	9	13.8	12.922	21.6	2.	55.342	7.439	2.	5.6	20.55	21.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	10	2.1	5.97	20.	0.5	48.78	6.984	0.52	0.925	10.	19.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	7	268.	902.571	4684.	247.	2780973.619	1667.625	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	3	161.	187.	247.	153.	2716.	52.115	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	10	11.35	11.65	15.	8.8	5.465	2.338	8.87	9.5	14.55	14.97
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	10	1.5	1.75	3.	0.5	0.958	0.979	0.55	1.	3.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	9	13.	12.667	21.	6.	20.5	4.528	6.	9.	15.	21.
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	8	8.05	8.063	8.5	7.7	0.097	0.311	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	8	8.047	7.975	8.5	7.7	0.106	0.325	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	8	0.009	0.011	0.02	0.003	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	10	7.05	7.04	7.4	6.7	0.056	0.237	6.71	6.8	7.225	7.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	10	7.047	6.984	7.4	6.7	0.06	0.244	6.71	6.8	7.225	7.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	10	0.09	0.104	0.2	0.04	0.003	0.054	0.041	0.06	0.158	0.195
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	10	39.	37.	48.	20.	89.556	9.463	20.6	27.5	45.	47.7
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	10	166.	378.4	2300.	133.	456222.711	675.443	134.4	153.75	187.5	2090.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	10	38.	44.9	90.	19.	480.322	21.916	19.2	27.	58.75	87.4
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	10	138.	333.5	2210.	77.	435245.389	659.731	78.9	111.75	144.5	2003.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	10	2.	8.35	26.	0.5	95.947	9.795	0.5	0.5	17.5	25.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	0.5	2.167	8.	0.5	7.	2.646	0.5	0.5	4.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	10	1.25	6.55	18.	0.5	59.469	7.712	0.5	0.5	15.5	17.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	0.06	0.058	0.14	0.02	0.002	0.04	0.02	0.02	0.09	0.132
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	11	1.5	1.478	2.53	0.62	0.255	0.505	0.692	1.06	1.7	2.376
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	11	0.4	0.409	1.	0.1	0.063	0.251	0.12	0.2	0.6	0.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	11 ##	0.05	0.077	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	11	0.02	0.023	0.06	0.005	0.	0.017	0.005	0.005	0.03	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	10	3.65	4.04	7.	1.9	3.043	1.744	1.98	2.7	5.1	6.99
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	10	75.5	79.2	220.	36.	2770.622	52.637	36.	42.75	80.	206.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	9	44.	195.889	1420.	23.	210870.361	459.206	23.	33.5	58.	1420.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	9	14.	14.889	29.	9.	36.111	6.009	9.	10.5	16.5	29.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	10	0.12	0.108	0.16	0.05	0.002	0.043	0.05	0.05	0.143	0.159
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	11	11.	10.164	14.5	5.6	9.037	3.006	5.76	7.4	12.	14.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	12	7.15	10.25	22.4	1.9	61.025	7.812	1.99	2.825	18.725	21.77
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	6.5	20.642	129.	0.4	1318.868	36.316	0.64	2.225	18.475	103.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	1	1778.	1778.	1778.	1778.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	11	206.	198.727	320.	115.	5923.218	76.962	116.4	124.	272.	316.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	12	11.4	11.333	13.9	8.9	3.588	1.894	8.99	9.475	13.275	13.87
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	12	1.	1.458	3.	0.5	0.521	0.722	0.65	1.	2.	2.7

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Annual Analysis for 1990 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	12	6.5	9.583	20.	3.	35.356	5.946	3.6	5.	15.75	19.4
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	7	7.4	7.243	7.7	6.6	0.15	0.387	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	7	7.4	7.086	7.7	6.6	0.178	0.422	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	7	0.04	0.082	0.251	0.02	0.007	0.082	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	12	6.9	6.875	7.1	6.6	0.026	0.16	6.63	6.725	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	12	6.9	6.848	7.1	6.6	0.026	0.163	6.63	6.725	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	12	0.126	0.142	0.251	0.079	0.003	0.053	0.079	0.1	0.189	0.236
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	12	32.5	34.583	44.	26.	48.992	6.999	26.	28.5	42.25	44.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	11	150.	209.091	1002.	79.	71229.291	266.888	80.8	90.	162.	847.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	11	35.	34.364	64.	9.	309.255	17.586	9.8	23.	44.	63.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	11	108.	174.727	938.	54.	65136.018	255.218	57.	77.	120.	784.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	4.	6.	22.	0.5	43.591	6.602	0.5	1.25	7.	20.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	1.	1.792	7.	0.5	3.294	1.815	0.5	0.625	2.	5.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	12	3.	4.417	15.	0.5	27.629	5.256	0.5	0.5	5.	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.02	0.032	0.13	0.02	0.001	0.032	0.02	0.02	0.02	0.106
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12	1.32	1.361	2.2	0.41	0.317	0.563	0.551	0.903	1.863	2.146
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	12	0.2	0.408	1.4	0.2	0.13	0.36	0.2	0.2	0.575	1.19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.096	0.5	0.005	0.017	0.13	0.019	0.05	0.1	0.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	12	0.01	0.018	0.07	0.005	0.	0.021	0.005	0.005	0.02	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	12	2.7	3.15	6.5	1.2	2.848	1.688	1.32	1.7	4.3	6.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	12	64.	76.333	230.	34.	2914.788	53.989	35.2	41.5	81.5	194.6
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	12	25.	66.425	528.	0.1	21375.604	146.204	3.97	14.25	37.	388.2
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	12	13.5	10.921	18.	0.05	37.257	6.104	1.535	5.25	16.75	17.7
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	12 ##	0.08	0.098	0.2	0.025	0.004	0.064	0.025	0.05	0.163	0.194
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	13	13.	12.031	14.9	7.2	6.904	2.628	7.36	9.95	14.2	14.66

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Annual Analysis for 1991 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	12	9.7	12.175	24.7	3.	68.244	8.261	3.06	4.9	21.3	24.13
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	4.35	8.108	47.	0.6	163.021	12.768	0.66	1.675	9.05	36.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	3	240.	216.333	290.	119.	7730.333	87.922	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	11	259.	346.545	1500.	130.	148850.473	385.811	132.4	222.	275.	1255.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	2	11.35	11.35	11.6	11.1	0.125	0.354	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	10	10.25	10.45	14.4	7.6	5.887	2.426	7.65	8.25	12.675	14.31
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	12	1.	1.75	4.	1.	1.295	1.138	1.	1.	2.	4.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	12	8.5	9.75	21.	1.	35.841	5.987	1.6	6.25	12.5	20.7
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.1	7.118	7.5	6.8	0.05	0.223	6.8	7.	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	11	7.1	7.068	7.5	6.8	0.052	0.229	6.8	7.	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	11	0.079	0.085	0.158	0.032	0.002	0.042	0.033	0.05	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	11	7.	7.1	7.7	6.7	0.106	0.326	6.72	6.8	7.3	7.68
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	11	7.	7.008	7.7	6.7	0.115	0.34	6.72	6.8	7.3	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	11	0.1	0.098	0.2	0.02	0.003	0.058	0.021	0.05	0.158	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	11	39.	37.636	59.	18.	158.255	12.58	19.	27.	47.	57.4
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	12	162.5	201.667	788.	80.	35361.515	188.047	84.2	121.25	180.	608.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	11	38.	41.636	75.	19.	319.655	17.879	20.2	28.	49.	74.4
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	12	120.	160.75	716.	61.	31457.659	177.363	61.	87.	141.75	546.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	2.75	5.667	28.	1.5	56.561	7.521	1.5	1.5	7.5	22.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	1.5	1.833	5.	1.	1.197	1.094	1.	1.125	2.	4.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	12 ##	2.25	4.667	23.	1.5	37.106	6.091	1.5	1.5	5.75	18.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.02	0.044	0.18	0.02	0.003	0.057	0.02	0.02	0.02	0.171
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12	1.49	1.378	2.34	0.66	0.284	0.533	0.678	0.86	1.735	2.217
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	12	0.3	0.467	1.6	0.1	0.168	0.41	0.13	0.2	0.575	1.36

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Annual Analysis for 1991 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.075	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	12	0.01	0.019	0.09	0.005	0.001	0.023	0.007	0.01	0.02	0.069
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	12	2.65	2.942	4.8	1.	1.392	1.18	1.15	2.2	3.95	4.77
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	12	77.	72.333	150.	28.	1060.424	32.564	29.2	43.25	84.	131.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	12	33.5	63.	424.	14.	13009.455	114.059	15.5	21.	39.25	310.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	12	16.5	15.167	22.	5.	37.424	6.118	5.	9.	19.75	21.7
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	10	0.14	0.144	0.23	0.05	0.002	0.046	0.057	0.128	0.173	0.225
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	12	11.25	11.308	15.6	5.7	10.966	3.312	6.12	8.5	14.75	15.42
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	490.	1469.111	9200.	9.	8744392.861	2957.092	9.	20.	1450.	9200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	9	2.69	2.354	3.964	0.954	1.055	1.027	0.954	1.301	3.159	3.964
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			226.003								

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Annual Analysis for 1992 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	12	8.2	10.583	25.2	0.9	58.752	7.665	1.53	5.	18.35	23.67
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	4	1.05	1.05	1.1	1.	0.003	0.058	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	12	239.5	240.667	344.	147.	2510.788	50.108	153.9	227.	264.75	325.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	12	241.5	238.75	324.	129.	3009.841	54.862	138.9	222.75	266.	321.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	12	10.95	10.508	13.7	6.2	3.972	1.993	6.98	8.925	11.75	13.25
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	12	1.	1.417	2.	1.	0.265	0.515	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	12	5.	8.	21.	0.5	54.682	7.395	0.5	1.5	15.5	20.1
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	12	7.45	7.442	8.	6.9	0.095	0.309	6.96	7.15	7.675	7.91
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	12	7.447	7.342	8.	6.9	0.106	0.326	6.96	7.15	7.675	7.91
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	12	0.036	0.046	0.126	0.01	0.001	0.034	0.013	0.021	0.072	0.112
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	12	7.45	7.392	8.	6.5	0.139	0.373	6.68	7.15	7.6	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	12	7.447	7.206	8.	6.5	0.177	0.42	6.68	7.15	7.6	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	12	0.036	0.062	0.316	0.01	0.007	0.083	0.015	0.025	0.072	0.245
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	12	44.	42.25	50.	25.	61.659	7.852	25.9	41.	47.5	49.7
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	12	151.	153.5	191.	100.	698.818	26.435	108.1	134.5	172.	190.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	12	38.	39.25	53.	23.	61.659	7.852	26.	34.25	44.	51.5
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	12	110.	114.25	156.	62.	678.932	26.056	69.2	97.75	134.75	152.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	11 ##	1.5	2.591	8.	1.	5.991	2.448	1.1	1.5	2.	7.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	11 ##	1.5	1.5	3.	1.	0.3	0.548	1.	1.	1.5	2.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	11 ##	1.5	2.182	6.	1.	2.764	1.662	1.1	1.5	1.5	5.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	12	1.8	1.763	2.5	0.84	0.206	0.454	0.993	1.418	2.138	2.416
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	12	0.25	0.283	0.5	0.1	0.018	0.134	0.1	0.2	0.4	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	12 ##	0.05	0.092	0.3	0.05	0.006	0.079	0.05	0.05	0.1	0.27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	12	2.65	3.233	8.7	0.5	5.832	2.415	0.68	1.375	4.35	8.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	12	75.	72.167	90.	44.	194.515	13.947	44.6	69.	81.	88.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	12	30.5	31.	48.	15.	82.364	9.075	16.8	27.25	32.75	47.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	12	15.5	16.083	25.	5.	32.811	5.728	7.1	12.	21.75	24.1
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	10 ##	0.15	0.139	0.25	0.05	0.007	0.084	0.05	0.05	0.213	0.25
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	12	13.	12.725	16.6	6.6	10.422	3.228	7.35	10.125	15.9	16.54
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	11	100.	1129.727	8000.	9.	6447612.218	2539.215	9.	9.	200.	7160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	11	2.	2.004	3.903	0.954	0.967	0.983	0.954	0.954	2.301	3.838
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.937								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	8 ##	0.008	0.01	0.03	0.005	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	9	12.5	13.833	25.4	6.5	50.863	7.132	6.5	7.55	21.3	25.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	9	273.	296.333	544.	165.	10345.75	101.714	165.	261.5	302.	544.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	10	254.5	271.8	542.	124.	11087.511	105.297	135.2	236.75	283.75	517.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	9	10.8	10.556	11.9	7.7	2.228	1.493	7.7	9.55	11.6	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	10	1.	1.1	2.	0.5	0.267	0.516	0.5	0.875	1.25	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	9	8.	7.778	10.	5.	2.944	1.716	5.	6.5	9.5	10.
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.2	7.222	7.7	6.7	0.092	0.303	6.7	7.	7.45	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	9	7.2	7.127	7.7	6.7	0.102	0.32	6.7	7.	7.45	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	9	0.063	0.075	0.2	0.02	0.003	0.056	0.02	0.036	0.103	0.2
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	10	7.25	7.25	7.9	6.9	0.081	0.284	6.9	7.05	7.325	7.85
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	10	7.247	7.18	7.9	6.9	0.086	0.293	6.9	7.05	7.325	7.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	10	0.057	0.066	0.126	0.013	0.001	0.036	0.015	0.048	0.091	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	10	40.5	41.	56.	25.	64.667	8.042	26.	37.25	46.	55.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	9	150.	158.556	272.	81.	2545.528	50.453	81.	139.	170.5	272.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	9	44.	39.778	54.	20.	167.444	12.94	20.	26.5	51.	54.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	9	112.	118.778	219.	61.	1807.444	42.514	61.	101.	126.	219.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.95	6.	1.5	2.025	1.423	1.5	1.5	1.5	5.55
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.55	2.	1.5	0.025	0.158	1.5	1.5	1.5	1.95
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.75	4.	1.5	0.625	0.791	1.5	1.5	1.5	3.75
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.02	0.027	0.07	0.02	0.	0.016	0.02	0.02	0.025	0.067
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	1.755	1.719	2.31	0.92	0.186	0.431	0.949	1.435	2.04	2.295
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.3	0.55	3.1	0.2	0.807	0.898	0.2	0.2	0.325	2.83
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	9	2.3	2.644	4.8	1.5	0.968	0.984	1.5	2.15	3.15	4.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	9	78.	73.333	88.	36.	215.	14.663	36.	74.	79.	88.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	10	36.5	46.3	123.	13.	920.678	30.343	14.7	30.75	54.25	117.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	10	16.	18.	45.	5.	104.667	10.231	5.8	15.25	17.5	42.4
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	300.	235.	400.	50.	17805.556	133.437	55.	100.	325.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.477	2.281	2.602	1.699	0.104	0.322	1.729	2.	2.508	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			191.055								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	10	0.015	0.014	0.02	0.005	0.	0.007	0.005	0.009	0.02	0.02

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Annual Analysis for 1994 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	14.	13.32	23.2	1.8	51.757	7.194	1.96	7.375	19.8	22.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	288.	294.3	534.	201.	8543.567	92.431	201.8	234.5	302.	512.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	9	259.	269.444	509.	192.	8966.778	94.693	192.	208.5	266.5	509.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	10	10.1	10.29	13.4	8.1	2.91	1.706	8.15	8.75	11.725	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	9	1.4	1.622	3.	0.5	0.639	0.8	0.5	1.05	2.35	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	10	6.	8.	14.	5.	11.111	3.333	5.1	6.	11.5	13.9
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.6	7.49	8.1	6.8	0.183	0.428	6.81	7.125	7.825	8.08
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.6	7.297	8.1	6.8	0.224	0.474	6.81	7.125	7.825	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	10	0.025	0.05	0.158	0.008	0.003	0.052	0.008	0.015	0.079	0.155
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	9	7.	7.022	7.5	6.8	0.042	0.205	6.8	6.9	7.1	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	9	7.	6.987	7.5	6.8	0.043	0.208	6.8	6.9	7.1	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	9	0.1	0.103	0.158	0.032	0.001	0.037	0.032	0.079	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	9	42.	41.556	51.	34.	26.028	5.102	34.	37.5	44.	51.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	9	165.	175.667	312.	115.	3248.5	56.996	115.	140.	193.	312.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	9	54.	51.667	69.	29.	202.75	14.239	29.	38.	64.	69.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	9	112.	124.	256.	83.	2667.	51.643	83.	95.5	124.5	256.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	1.5	1.833	3.	1.5	0.438	0.661	1.5	1.5	2.25	3.

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Annual Analysis for 1994 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	1.5	1.444	1.5	1.	0.028	0.167	1.	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	9 ##	1.5	1.556	2.	1.5	0.028	0.167	1.5	1.5	1.5	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.02	0.023	0.05	0.02	0.	0.009	0.02	0.02	0.02	0.047
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	0.01	0.018	0.04	0.005	0.	0.013	0.005	0.009	0.03	0.039
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	1.925	1.791	2.37	0.84	0.2	0.447	0.896	1.408	2.075	2.342
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.3	0.34	0.6	0.2	0.014	0.117	0.2	0.275	0.4	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.05	0.075	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	10	2.2	2.71	5.5	1.5	1.559	1.249	1.52	1.7	3.475	5.32
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	10	78.	74.4	86.	60.	91.156	9.548	60.2	62.75	82.25	85.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	9	40.	38.	47.	26.	53.	7.28	26.	31.5	44.5	47.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	9	13.	13.222	16.	11.	2.944	1.716	11.	11.5	14.5	16.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	200.	340.	1200.	50.	135444.444	368.028	50.	87.5	550.	1150.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.301	2.31	3.079	1.699	0.222	0.471	1.699	1.925	2.736	3.056
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			204.191								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	10	0.01	0.013	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02

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Annual Analysis for 1995 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	10	11.05	12.46	23.3	0.1	51.48	7.175	0.81	8.175	19.75	23.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	10	266.	347.3	1188.	147.	89565.344	299.275	153.1	231.25	302.5	1099.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	10	267.5	338.8	1125.	110.	79828.178	282.539	120.4	230.5	309.25	1044.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-11/07/95	10	10.45	10.18	13.9	6.5	4.246	2.061	6.68	8.525	11.425	13.66
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	9	1.	1.011	2.	0.5	0.304	0.551	0.5	0.5	1.4	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	10	5.	5.6	13.	2.5	12.378	3.518	2.5	2.5	7.5	12.6
00400	PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.75	7.79	8.2	7.4	0.081	0.285	7.4	7.55	8.1	8.19
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	10	7.747	7.709	8.2	7.4	0.088	0.297	7.4	7.55	8.1	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	10	0.018	0.02	0.04	0.006	0.	0.012	0.006	0.008	0.029	0.04
00403	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	10	7.	7.05	7.3	6.8	0.029	0.172	6.81	6.9	7.225	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	10	7.	7.021	7.3	6.8	0.03	0.174	6.81	6.9	7.225	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	10	0.1	0.095	0.158	0.05	0.001	0.035	0.05	0.06	0.126	0.155
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	10	42.5	41.3	50.	25.	41.344	6.43	26.5	40.	44.25	49.5
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	10	151.	187.3	584.	73.	20544.233	143.333	77.	127.25	178.	544.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	10	34.	38.8	60.	21.	185.289	13.612	21.7	28.	51.75	59.7
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	10	112.5	148.5	524.	40.	18322.944	135.362	44.5	92.5	141.75	486.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.02	0.027	0.06	0.02	0.	0.015	0.02	0.02	0.028	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	10	1.62	1.618	3.19	0.02	0.666	0.816	0.118	1.27	2.03	3.074
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	10	0.3	0.34	0.6	0.2	0.018	0.135	0.2	0.2	0.425	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	10 ##	0.05	0.063	0.1	0.03	0.001	0.026	0.032	0.05	0.1	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	10	3.	3.11	6.1	1.2	2.045	1.43	1.26	2.025	3.825	5.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	10	78.	76.3	120.	36.	449.122	21.193	38.6	64.25	83.25	116.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	10	36.	63.1	320.	5.	8308.989	91.154	7.3	31.	48.	293.1
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	10	15.	14.7	18.	11.	4.9	2.214	11.1	12.75	16.25	17.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	100.	175.	600.	50.	29027.778	170.375	50.	50.	225.	570.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	10	2.	2.095	2.778	1.699	0.133	0.364	1.699	1.699	2.345	2.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			124.573								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	10	0.01	0.015	0.03	0.005	0.	0.008	0.006	0.01	0.02	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	77	20.3	18.999	27.	1.2	33.441	5.783	10.98	16.45	23.25	25.04
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	34	3.55	15.376	153.	0.4	1096.269	33.11	0.65	1.6	8.55	41.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	50	206.5	199.96	290.	64.	3594.937	59.958	110.	147.	252.5	270.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	22	216.	203.045	281.	110.	3467.379	58.884	122.6	136.75	260.25	274.2
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	63	9.	8.802	12.2	1.3	2.329	1.526	7.38	8.1	9.4	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	59	1.	1.461	7.	0.5	1.288	1.135	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	58	9.	11.405	43.	2.	53.978	7.347	5.	6.	16.	21.1
00400p	PH (STANDARD UNITS)	07/06/72-11/07/95	77	7.5	7.67	9.5	5.7	0.38	0.616	7.	7.3	8.	8.54
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	77	7.5	7.199	9.5	5.7	0.605	0.778	7.	7.3	8.	8.54
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	77	0.032	0.063	1.995	0.	0.051	0.227	0.003	0.01	0.05	0.1
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	49	7.1	7.082	7.8	6.3	0.098	0.313	6.7	6.9	7.25	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	49	7.1	6.971	7.8	6.3	0.11	0.332	6.7	6.9	7.25	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	49	0.079	0.107	0.501	0.016	0.008	0.089	0.032	0.057	0.126	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	49	41.	37.755	53.	15.	85.939	9.27	25.	30.	45.5	48.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	28	138.5	144.071	255.	73.	2000.884	44.731	87.2	113.25	176.5	204.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	28	38.	50.5	400.	9.	4893.963	69.957	18.4	28.25	48.75	64.4
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	29	96.	102.707	213.	2.5	1776.777	42.152	61.	80.	127.5	150.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	59 ##	2.5	21.915	406.	0.5	3791.967	61.579	1.5	1.5	7.	49.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	59 ##	2.5	14.314	600.	0.5	6059.896	77.845	1.	1.5	5.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	58 ##	2.5	18.802	364.	0.	3053.228	55.256	0.5	1.5	5.25	47.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	79 ##	0.05	0.059	0.3	0.02	0.003	0.056	0.02	0.02	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	78 ##	0.005	0.01	0.06	0.005	0.	0.011	0.005	0.005	0.01	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	73	1.	1.101	3.699	0.02	0.309	0.556	0.554	0.7	1.46	1.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	79	0.3	0.403	3.1	0.05	0.153	0.392	0.1	0.2	0.4	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	61 ##	0.05	0.076	0.3	0.005	0.003	0.058	0.05	0.05	0.1	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	47	0.02	0.038	0.22	0.005	0.003	0.051	0.005	0.01	0.03	0.122
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	56	4.	4.659	14.	1.	9.182	3.03	2.	2.425	5.75	8.79
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	32	70.5	68.344	230.	28.	1202.104	34.671	35.3	46.	80.	86.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	47	27.	28.043	59.	5.	146.737	12.114	9.8	21.	37.	42.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	24	12.5	11.833	17.	5.	16.232	4.029	5.	8.	15.75	16.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	30	11.1	10.797	15.6	2.5	9.569	3.093	6.49	8.85	13.25	14.39
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	66	400.	1953.667	24000.	9.	20144292.964	4488.239	50.	100.	1200.	6600.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	66	2.602	2.607	4.38	0.954	0.606	0.778	1.699	2.	3.079	3.816
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			404.982								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/10/79	18 ##	0.05	0.056	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.1
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	32 ##	0.02	0.021	0.05	0.005	0.	0.017	0.005	0.005	0.03	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	83	5.	5.404	12.5	0.	10.223	3.197	1.58	3.	8.	10.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	40	3.55	11.04	129.	0.4	456.542	21.367	1.	1.4	14.275	31.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	62	264.5	431.903	4684.	89.	423635.138	650.873	165.3	231.	322.	657.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	27	259.	349.111	1500.	115.	87204.333	295.304	206.	237.	316.	658.6
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	63	12.7	12.513	15.	9.4	1.755	1.325	10.8	11.4	13.6	14.46
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	68	1.15	1.694	8.	0.5	1.563	1.25	1.	1.	2.	2.1
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	69	7.	9.428	50.	0.5	57.98	7.614	2.	5.	12.	18.
00400p	PH (STANDARD UNITS)	07/06/72-11/07/95	81	7.4	7.422	8.5	3.5	0.408	0.639	6.9	7.15	7.7	8.08
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	81	7.4	5.402	8.5	3.5	4.539	2.131	6.9	7.15	7.7	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	81	0.04	3.96	316.228	0.003	1234.127	35.13	0.008	0.02	0.071	0.126
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	55	7.	7.073	8.	6.4	0.135	0.368	6.66	6.8	7.3	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	55	7.	6.939	8.	6.4	0.154	0.392	6.66	6.8	7.3	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	55	0.1	0.115	0.398	0.01	0.008	0.089	0.025	0.05	0.158	0.22
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	55	41.	39.218	69.	15.	96.766	9.837	24.6	35.	44.	50.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	35	157.	277.914	2300.	79.	159866.316	399.833	125.4	147.	190.	665.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	34	37.	41.176	90.	18.	259.362	16.105	23.	30.5	53.75	62.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	35	123.	236.971	2210.	54.	150622.734	388.101	100.	109.	146.	600.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	68 ##	2.5	8.147	97.	0.5	294.351	17.157	1.5	1.5	5.	19.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	67 ##	2.5	2.799	14.	0.5	6.	2.45	1.	1.5	2.5	6.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	68 ##	2.5	6.618	83.	0.	216.068	14.699	0.5	1.5	3.75	17.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	83 ##	0.05	0.059	0.3	0.005	0.003	0.057	0.02	0.02	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	83 ##	0.005	0.01	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	80	1.72	1.644	3.19	0.025	0.338	0.581	0.81	1.292	2.	2.309
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	82	0.25	0.307	1.6	0.05	0.064	0.252	0.1	0.2	0.4	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	67 ##	0.05	0.071	0.2	0.05	0.001	0.037	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	53	0.02	0.029	0.14	0.005	0.001	0.035	0.005	0.008	0.03	0.096
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	65	3.	3.906	21.	0.5	13.921	3.731	1.06	2.	4.8	7.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	40	76.	79.525	220.	32.	990.102	31.466	38.7	70.25	83.5	110.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	54	37.	101.261	1420.	0.1	48880.908	221.09	19.	26.5	60.5	224.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	34	16.5	17.266	45.	0.05	51.421	7.171	10.5	14.75	20.25	23.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	31	12.1	12.139	17.	6.4	9.043	3.007	7.44	10.	14.9	16.18
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	73	100.	648.151	10000.	9.	2142511.546	1463.732	50.	50.	600.	2300.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	73	2.	2.224	4.	0.954	0.464	0.681	1.699	1.699	2.778	3.362
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			167.371								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/10/79	15 ##	0.05	0.057	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.1
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	30 ##	0.01	0.021	0.1	0.005	0.001	0.023	0.005	0.005	0.04	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-11/07/95	61	16.3	17.182	28.3	7.1	23.253	4.822	10.24	13.9	21.5	23.28
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	26	2.65	12.719	170.	0.5	1119.076	33.453	0.91	1.575	8.325	27.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-11/07/95	38	219.	206.526	307.	22.	4147.716	64.403	113.9	160.25	246.5	292.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/89-11/07/95	17	255.	238.941	322.	124.	3262.809	57.121	128.8	215.5	269.	308.4
00300	OXYGEN, DISSOLVED MG/L	07/06/72-10/30/91	48	9.75	9.567	11.8	7.	1.303	1.142	8.07	8.6	10.3	11.11
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-11/07/95	45	1.	1.496	5.	0.5	1.142	1.069	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-11/07/95	45	7.	9.056	30.	0.5	51.787	7.196	1.9	4.	12.5	20.4
00400p	PH (STANDARD UNITS)	07/06/72-11/07/95	57	7.7	7.66	9.	6.7	0.243	0.493	7.	7.3	8.	8.306
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-11/07/95	57	7.7	7.411	9.	6.7	0.306	0.553	7.	7.3	8.	8.306
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-11/07/95	57	0.02	0.039	0.2	0.001	0.002	0.045	0.005	0.01	0.05	0.1
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-11/07/95	36	7.1	7.108	7.9	6.5	0.11	0.332	6.67	6.9	7.3	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-11/07/95	36	7.1	6.994	7.9	6.5	0.123	0.351	6.67	6.9	7.3	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-11/07/95	36	0.079	0.101	0.316	0.013	0.006	0.076	0.02	0.05	0.126	0.215
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-11/07/95	36	41.	38.278	49.	16.	64.892	8.056	25.7	31.	43.75	47.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-11/07/95	17	162.	156.529	196.	81.	908.015	30.133	96.2	145.	174.5	191.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-11/07/95	17	44.	43.647	75.	19.	262.243	16.194	19.8	30.5	53.	70.2
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-11/07/95	17	114.	112.882	147.	61.	601.61	24.528	73.8	100.	133.5	143.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-11/07/95	45 ##	2.5	14.456	216.	0.5	1865.884	43.196	1.5	1.75	7.5	20.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-11/07/95	45 ##	2.5	3.411	22.	0.	17.856	4.226	1.	1.5	3.	7.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-11/07/95	45 ##	2.5	12.2	196.	0.	1514.22	38.913	1.	1.5	4.5	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-11/07/95	62 ##	0.05	0.062	0.5	0.02	0.006	0.079	0.02	0.02	0.05	0.077
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	62 ##	0.008	0.014	0.13	0.005	0.	0.02	0.005	0.005	0.02	0.037
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-11/07/95	57	1.51	1.395	2.2	0.05	0.297	0.545	0.58	1.1	1.78	2.042
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-11/07/95	62	0.3	0.347	1.2	0.05	0.06	0.244	0.1	0.2	0.4	0.77
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-11/07/95	45 ##	0.05	0.09	0.5	0.02	0.008	0.089	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/07/92	36	0.01	0.024	0.14	0.005	0.001	0.03	0.005	0.005	0.028	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-11/07/95	45	3.2	4.182	13.	1.	7.368	2.714	1.46	2.15	6.	8.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/87-11/07/95	22	77.	69.409	84.	34.	251.682	15.864	36.	65.	80.	82.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-11/07/95	35	30.	30.029	51.	9.	135.617	11.645	13.	23.	40.	44.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-11/07/95	19	14.	13.579	19.	5.	16.48	4.059	5.	12.	16.	19.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

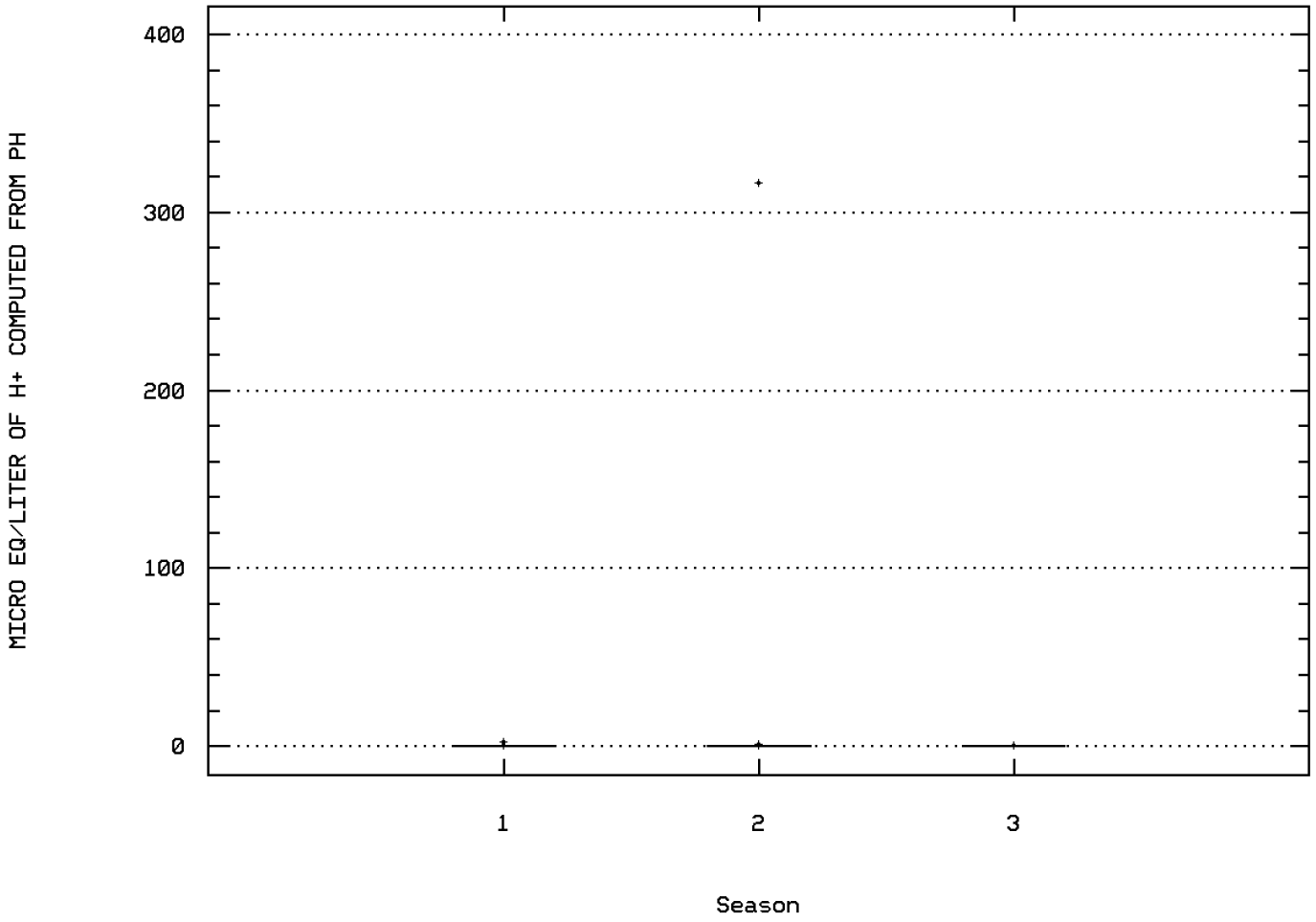
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/14/93	23	13.	11.304	16.6	5.1	13.764	3.71	5.92	7.7	14.5	15.9
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	49	200.	1046.796	24000.	9.	12866067.707	3586.93	50.	50.	490.	1400.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-11/07/95	49	2.301	2.324	4.38	0.954	0.441	0.664	1.699	1.699	2.69	3.146
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			210.736								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/10/79	17	## 0.05	0.053	0.1	0.05	0.	0.012	0.05	0.05	0.05	0.06
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-11/07/95	26	## 0.01	0.024	0.05	0.005	0.	0.02	0.005	0.005	0.05	0.05

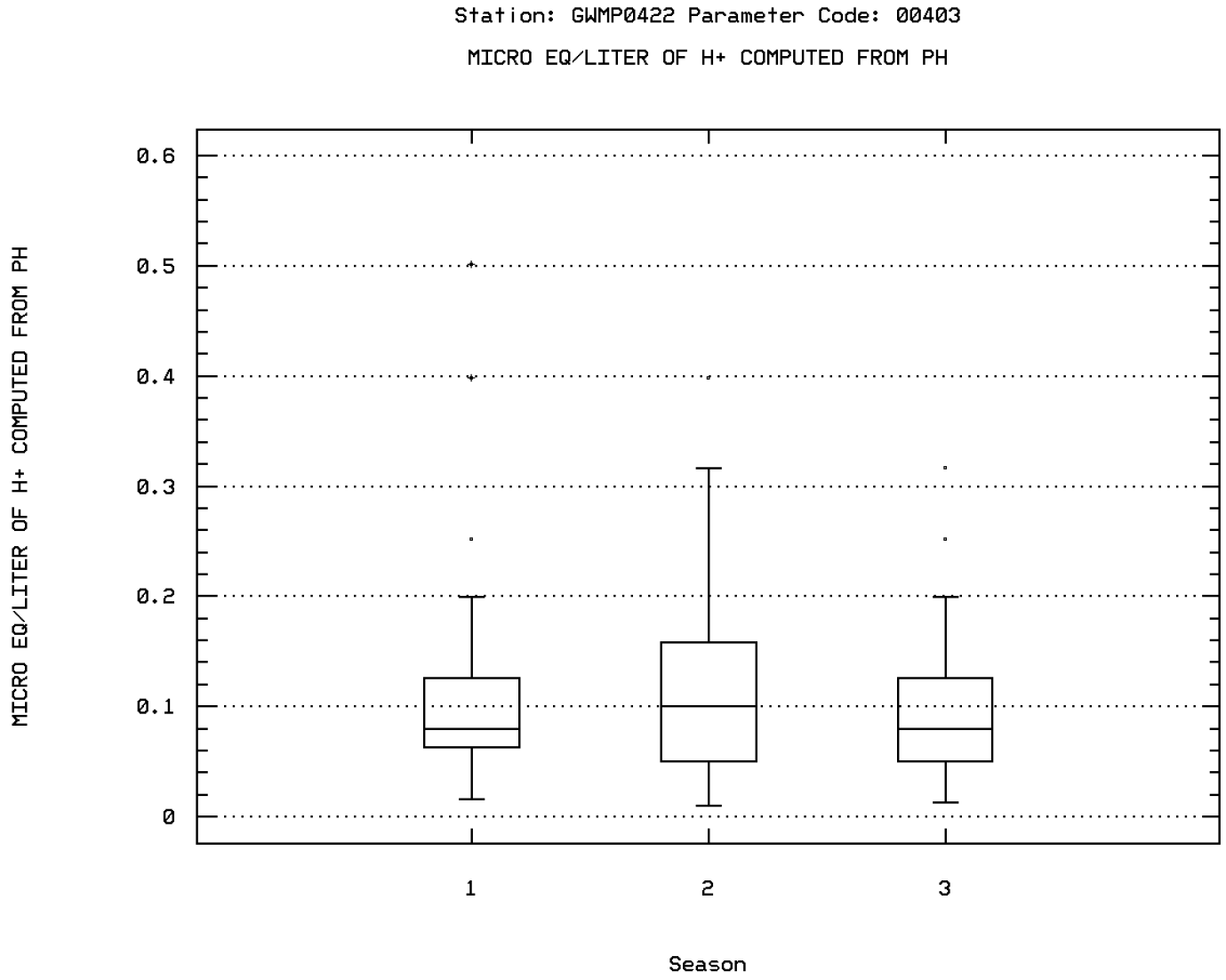
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0422 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



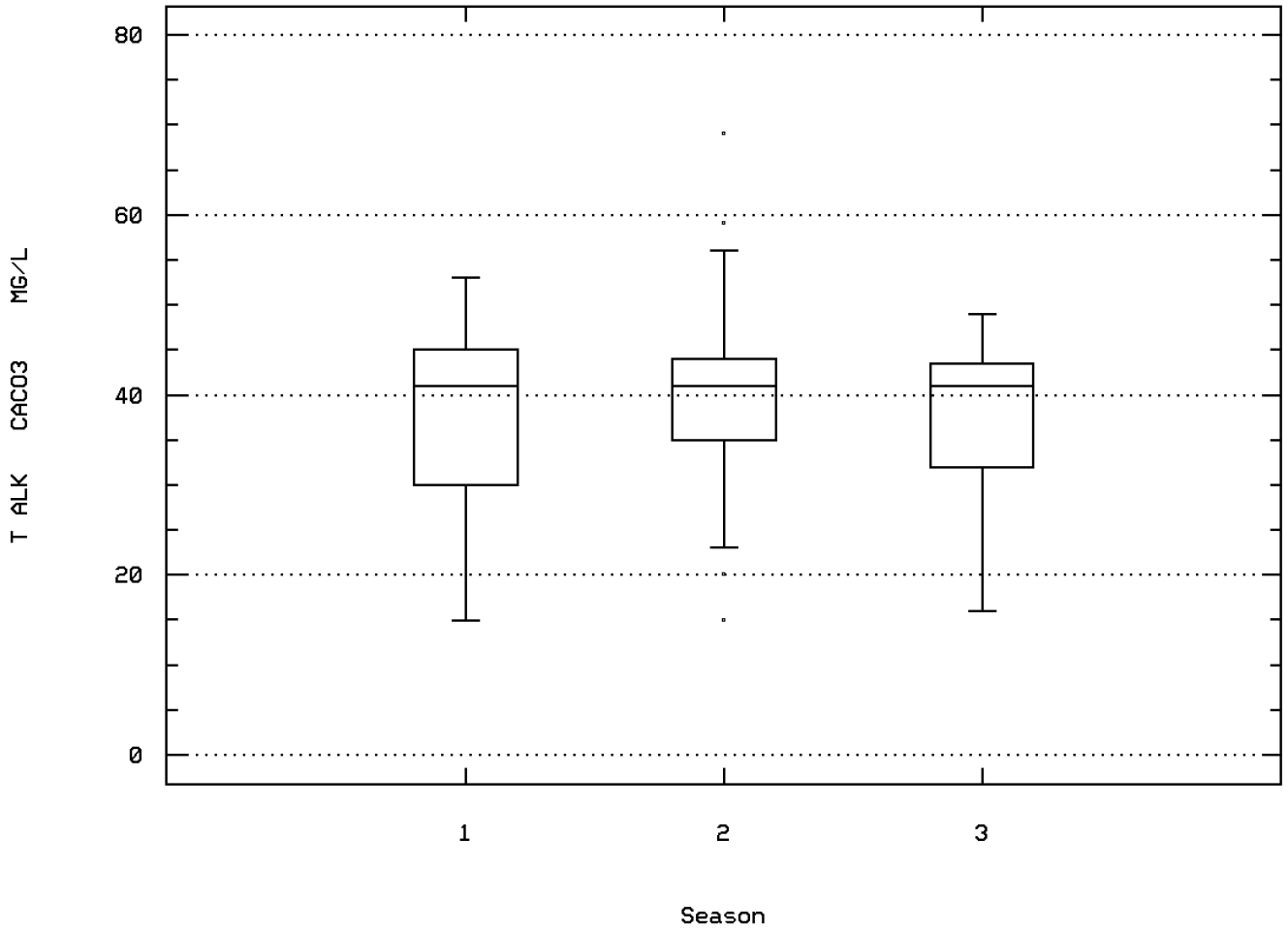
RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00410

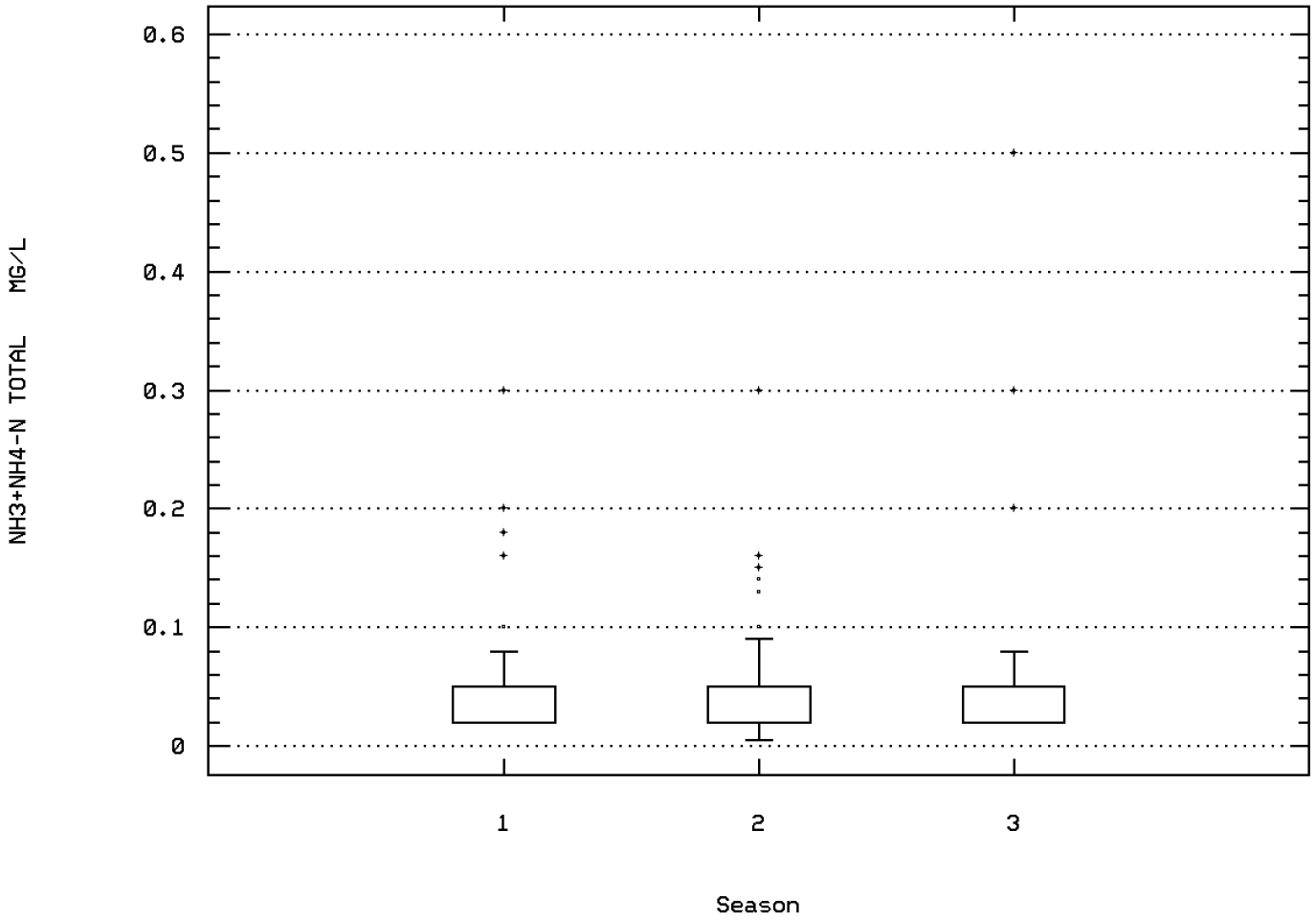
ALKALINITY, TOTAL (MG/L AS CACO3)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00610

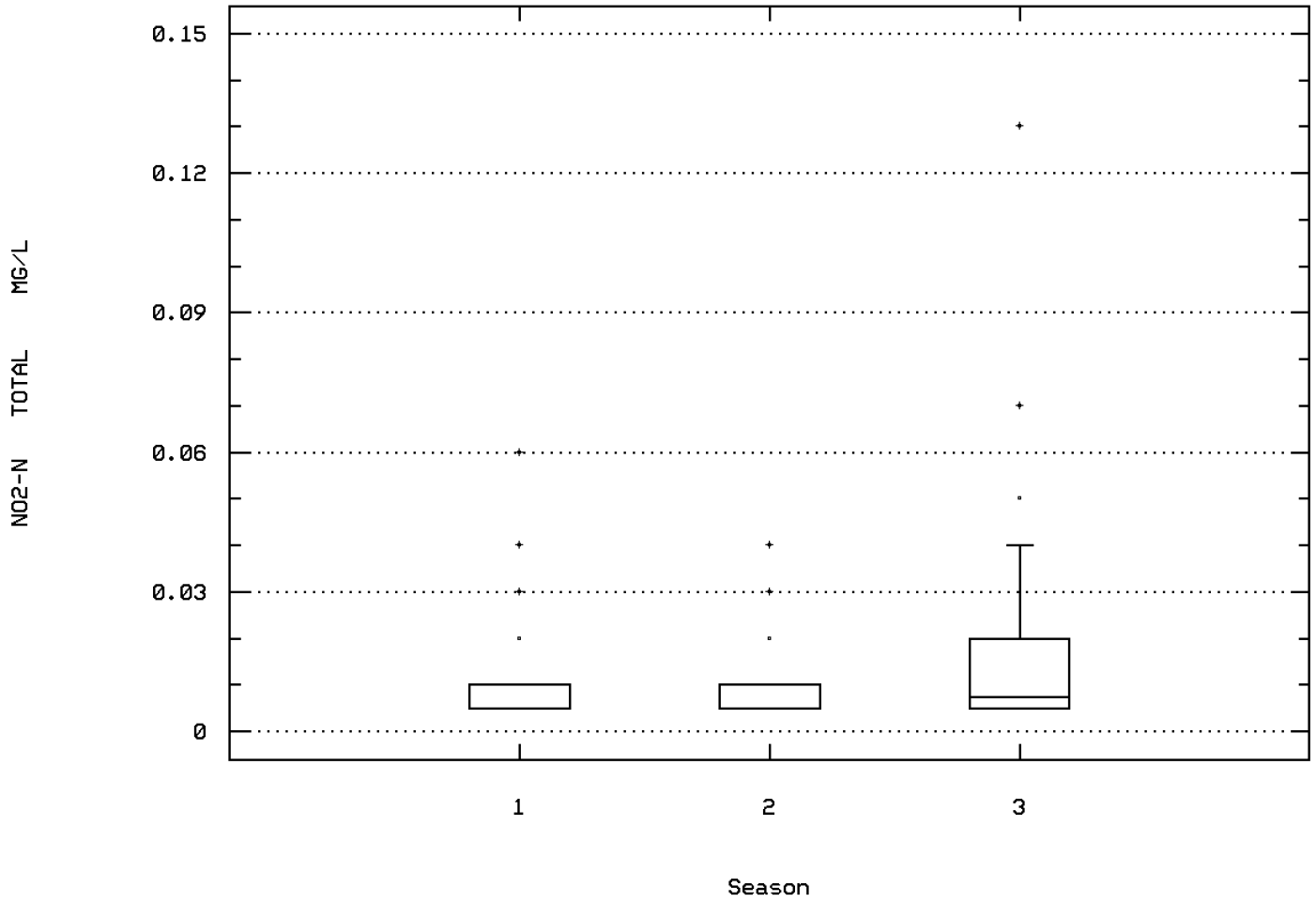
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00615

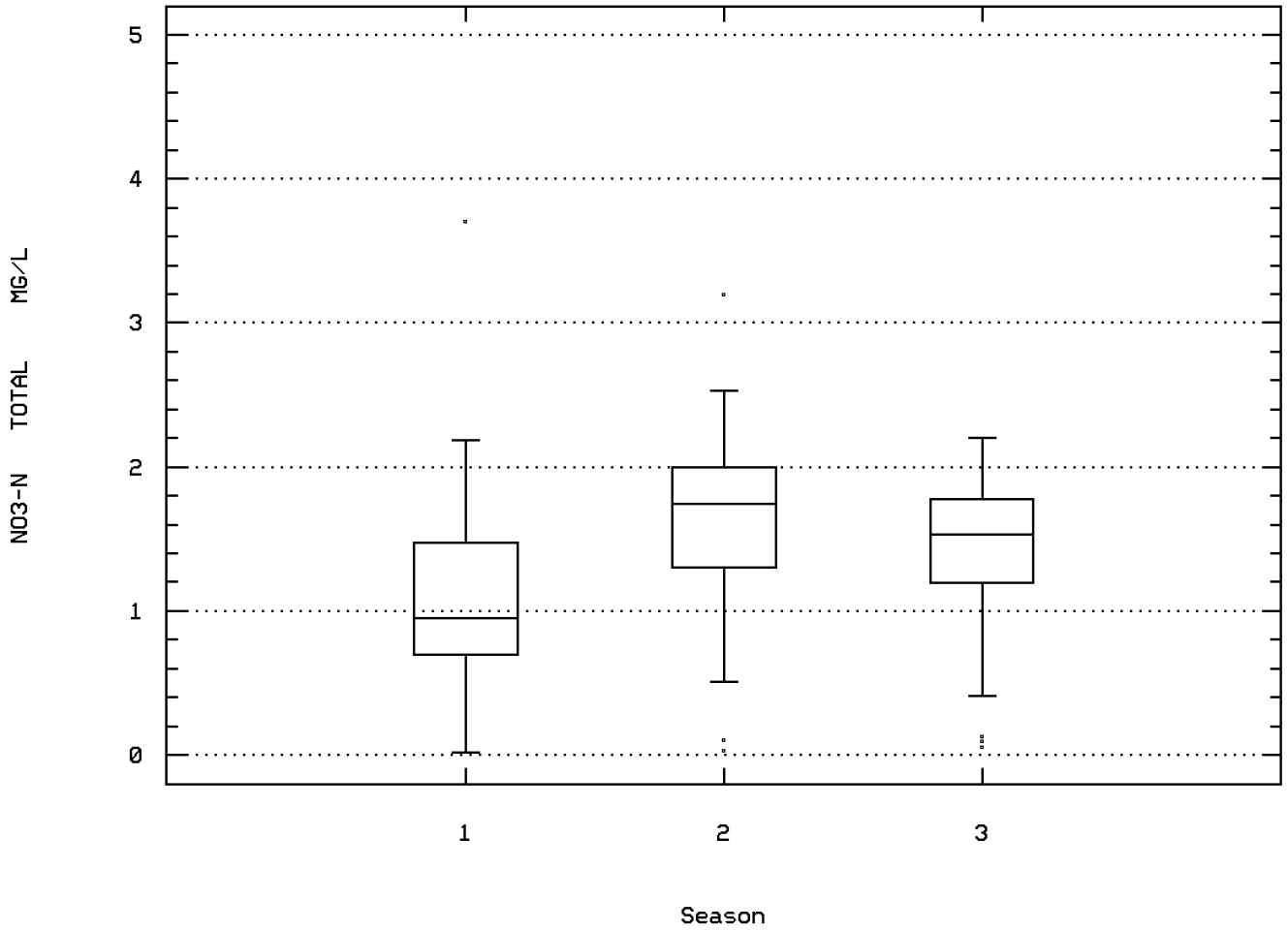
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00620

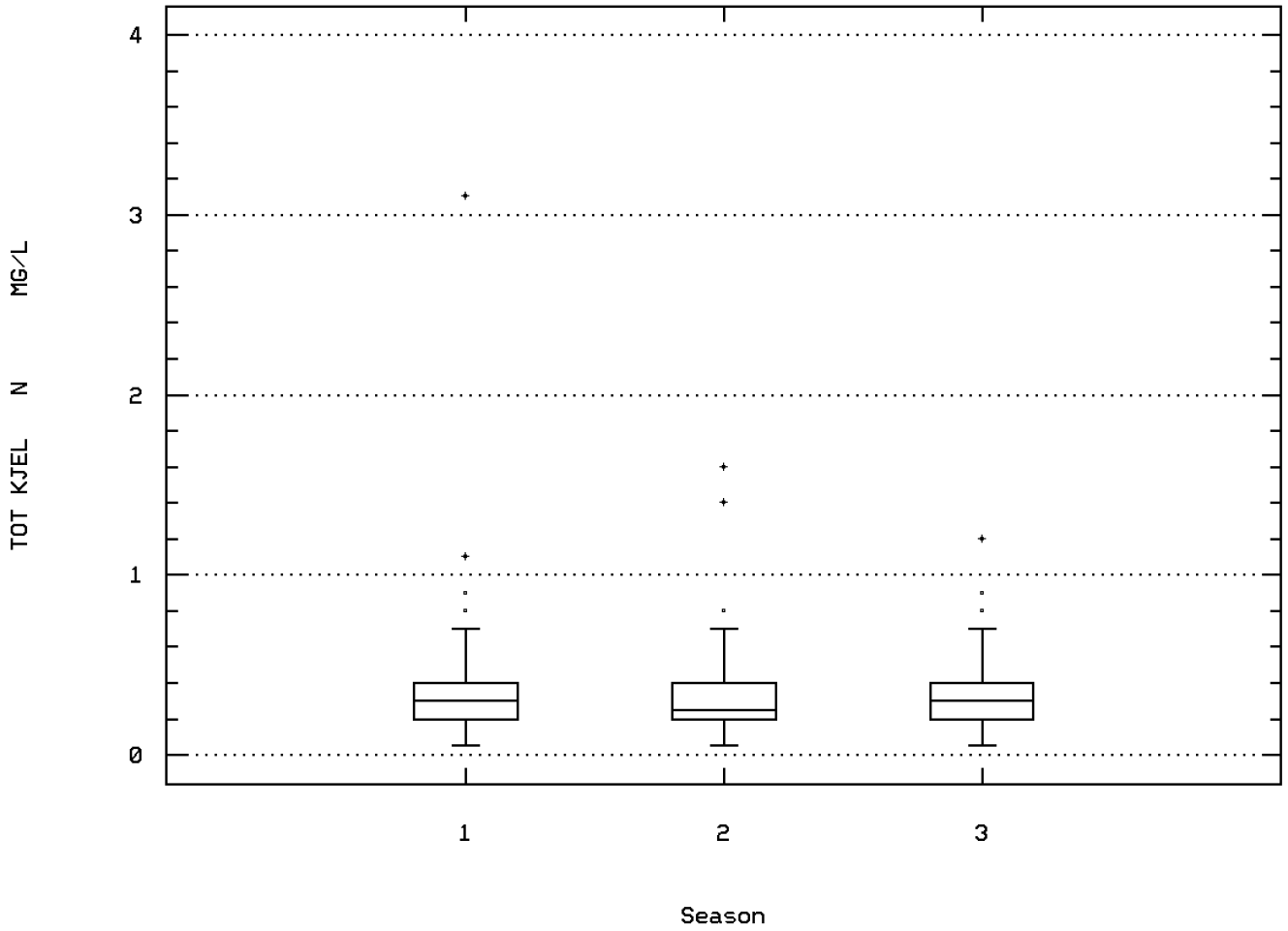
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 00625

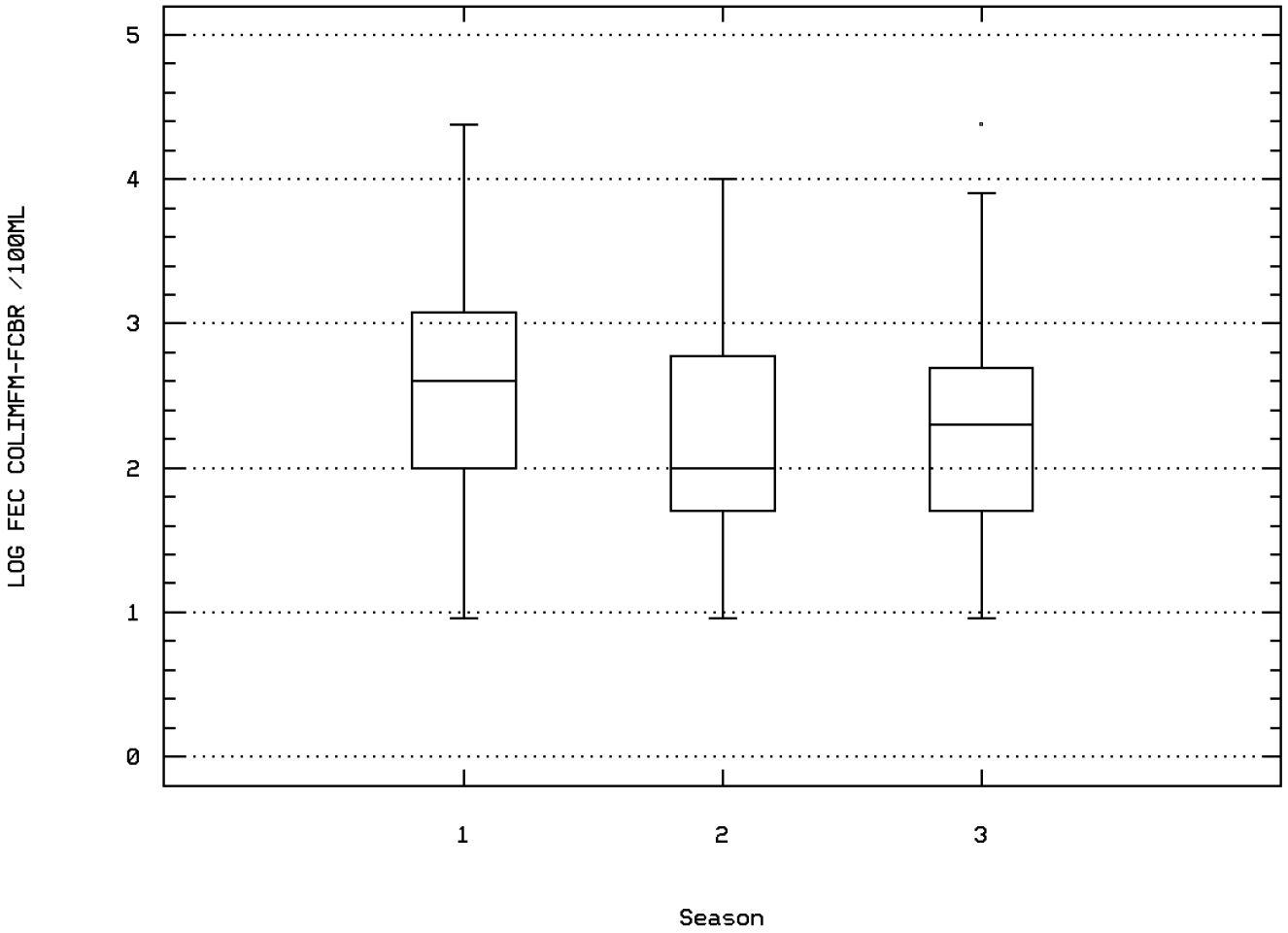
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 31616

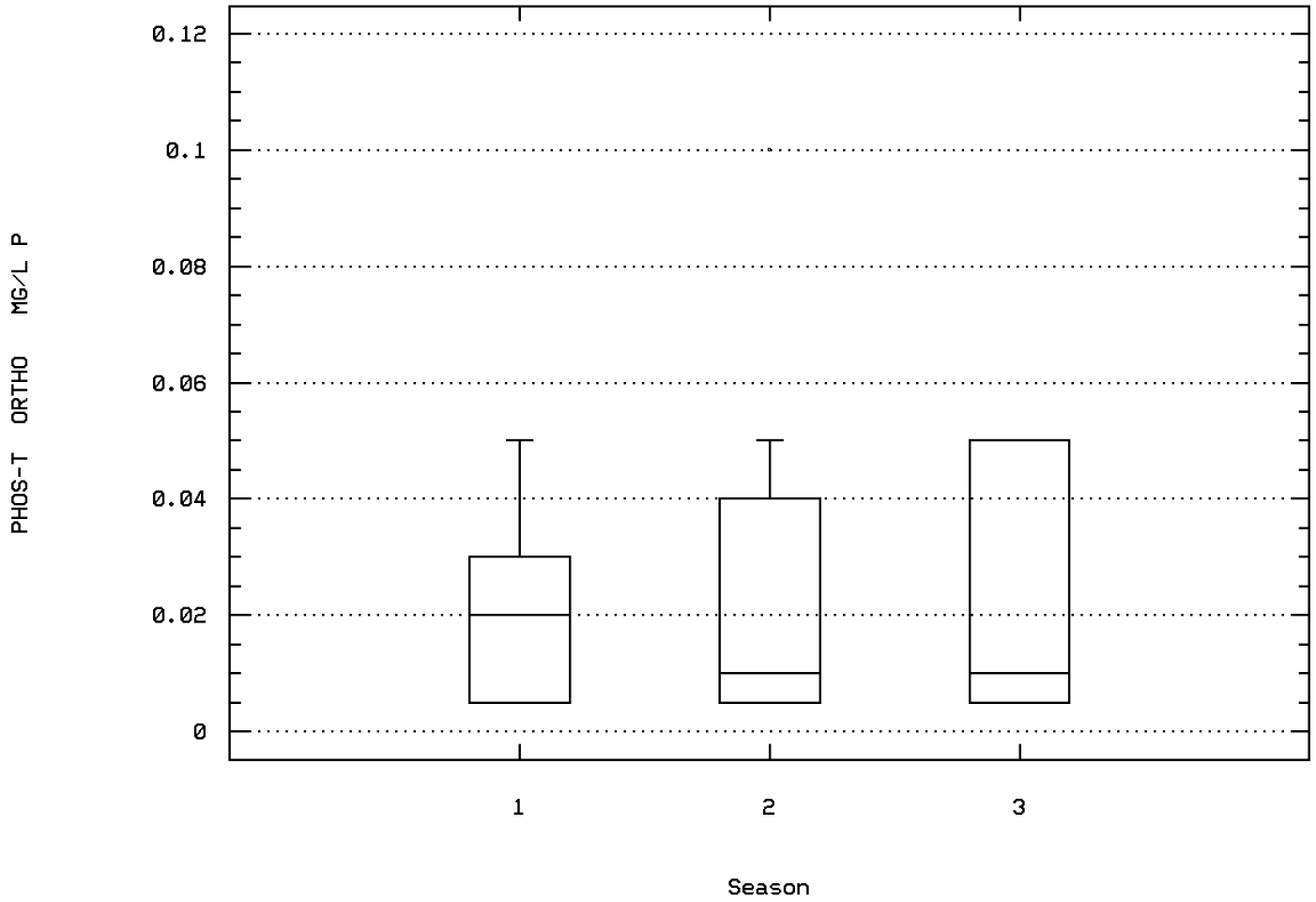
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station: GWMP0422 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



RT. 120 BRIDGE (UNDER CHAIN BRIDGE), GL

Station Inventory for Station: GWMP0423

NPS Station ID: GWMP0423
LAT/LON: 38.936115/ -77.139448
Agency: 112WRD
Date Created: 10/07/77
Location: PIMMIT RUN AT ARLINGTON, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 9.40
On/Off RF1:
RF3 Index: 02070008020500.00
RF3 Mile Point: 0.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/05/77-08/05/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	1	108.	108.	108.	108.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	1	83.	83.	83.	83.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0423

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0424

NPS Station ID: GWMP0424 LAT/LON: 38.938281/ -77.054809 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/06
RMI-Indexes: 0214001 002700 00090 Within Park Boundary: No
RMI-Miles: 0112.80 0004.30 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010062000.00 RF3 Mile Point: 0.08 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0424

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.111	0.111	0.128	0.094	0.001	0.024	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/71-07/18/71	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9300.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/18/71-07/18/71	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			1500.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	1	3.643	3.643	3.643	3.643	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			4400.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0424

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0425

NPS Station ID: GWMP0425
LAT/LON: 38.939448/ -77.051115
Agency: 21DCBAWQ
Date Created: 07/09/88
Location: ROCK CREEK AT PIERCE MILL WASH.,D.C..
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 02070010003604.49
RF3 Mile Point: 7.64
Distance from RF3: 0.02
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION:ROCK CREEK,BEECH DRIVE,NORTH WEST,AT PIERCE MILL JUST ABOVE DAM IN WASH.,D.C.. PARTICIPATING AGENCY: D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: GWMP0425

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0426

NPS Station ID: GWMP0426 LAT/LON: 38.940477/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DIURNAL SITE 02/PIERCE MILL /REF. NO. 03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.10 On/Off RF1:
RF3 Index: 02070010007800.10 RF3 Mile Point: 0.09 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/71-07/02/71	25	24.5	24.712	26.	24.	0.466	0.683	24.	24.	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/01/71-07/02/71	25	23.	24.156	29.	22.	5.595	2.365	22.	22.5	25.7	28.38
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/01/71-07/02/71	23	240000.	523665.217	4600000.	4300.904085705098.814		950834.215	23000.	93000.	460000.	1100000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/01/71-07/02/71	23	5.38	5.313	6.663	3.633	0.433	0.658	4.362	4.968	5.663	6.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			205621.802								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/01/71-07/02/71	23	46000.	55252.174	280000.	1500. 3324694426.877		57660.163	4120.	24000.	64000.	110000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/01/71-07/02/71	23	4.663	4.525	5.447	3.176	0.269	0.519	3.615	4.38	4.806	5.041
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			33514.431								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	20	435000.	870800.	3100000.	66000.966926484210.526		983324.201	129000.	260000.	1055000.	3000000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	20	5.638	5.715	6.491	4.82	0.205	0.453	5.103	5.415	6.022	6.477
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			519260.116								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0426

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	23	1.00	23	23	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	22 &	22	1.00	22	22	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0427

NPS Station ID: GWMP0427 LAT/LON: 38.940477/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 03/DIURNAL NO.2
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0004.60
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.40 On/Off RF1:
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.71 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/28/71	32	22.1	22.034	24.	18.	2.388	1.545	19.24	21.125	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/28/71	33	24.2	24.488	30.7	17.5	7.444	2.728	21.	23.1	26.	28.
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	31	8.2	8.026	10.5	5.3	1.359	1.166	6.3	7.6	8.5	9.74
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	31	0.732	0.767	2.161	0.1	0.24	0.49	0.212	0.373	1.135	1.322
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	43	11000.	135706.977	2400000.	900.179776	115902.547	424000.137	2300.	4300.	39000.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	43	4.041	4.214	6.38	2.954	0.607	0.779	3.362	3.633	4.591	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16353.711								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	40	3950.	38562.5	460000.	400.104664	94711.538	102305.888	450.	1700.	21750.	110000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/16/71-08/12/71	40	3.597	3.74	5.663	2.602	0.673	0.82	2.637	3.223	4.329	5.041
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			5496.564								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	9	4000.	28233.333	110000.	400.	1378927500.	37133.913	400.	1200.	46000.	110000.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	9	3.602	3.855	5.041	2.602	0.808	0.899	2.602	3.065	4.663	5.041
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7164.29								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	40	14300.	85845.	830000.	3500.28	725331256.41	169485.49	6010.	8325.	87000.	287000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	40	4.155	4.415	5.919	3.544	0.406	0.637	3.779	3.92	4.939	5.452
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			25991.485								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	32	0.03	0.037	0.28	0.01	0.003	0.051	0.01	0.02	0.03	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0427

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	16	0	0.00				15	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	31	10	0.32	24	7	0.29				7	3	0.43			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	42	0.98	27	27	1.00				16	15	0.94			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	40	40	1.00	25	25	1.00				15	15	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0428

NPS Station ID: GWMP0428
LAT/LON: 38.940477/ -77.051920
Agency: 21MDUNIV
Date Created: / /
Location: ROCK CREEK PARK
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 385625707703069
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0112.80 0023.55
HUC: 02070010
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 15.80
On/Off RF1:
RF3 Index: 02070010007800.69
RF3 Mile Point: 2.07
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0428

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0429

NPS Station ID: GWMP0429
LAT/LON: 38.941393/ -77.108337
Agency: 21MDMONT
Date Created: / /
Location: LITTLE FALLS BRANCH AT MASS. AV.
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30158
RMI-Indexes: 0214001 002720
Within Park Boundary: No
RMI-Miles: 0115.42 0002.00
HUC: 02060006
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02060006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070008067200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:
STATION ESTABLISHED ON LITTLE FALLS BRANCH THIRTY FEET UPSTREAM FROM MASSACHUSETTS AVENUE. STATION ESTABLISHED JANUARY 1973.

Parameter Inventory for Station: GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	82	12.	11.782	24.	-1.	49.823	7.059	2.	6.75	18.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	83	13.	13.629	34.	-3.	69.527	8.338	6.	-1.	20.	25.
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	84	25.	44.643	100.	0.	2019.148	44.935	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	06/28/78-12/09/80	26	1.43	1.47	2.28	1.36	0.036	0.19	1.36	1.39	1.453	1.594
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/73-12/13/77	47	4.	6.479	31.	0.	45.141	6.719	0.	3.	9.	17.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	36	2.3	6.108	90.	1.	224.17	14.972	1.2	1.5	4.575	14.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/77-10/05/77	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	80	9.55	9.784	15.4	4.9	5.189	2.278	6.72	8.	11.475	12.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/09/80	51	84.2	86.845	122.6	55.	225.752	15.025	68.56	76.5	100.8	108.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	81	2.7	3.748	23.	0.1	14.791	3.846	1.2	1.85	3.8	7.66
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	79	7.2	7.244	8.9	3.8	0.402	0.634	6.8	6.9	7.6	8.
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	79	7.2	5.679	8.9	3.8	2.882	1.698	6.8	6.9	7.6	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	79	0.063	2.092	158.489	0.001	317.621	17.822	0.01	0.025	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	84	7.4	7.376	8.7	6.	0.15	0.387	7.	7.1	7.6	7.85
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	84	7.4	7.191	8.7	6.	0.184	0.43	7.	7.1	7.6	7.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	84	0.04	0.064	1.	0.002	0.012	0.109	0.014	0.025	0.079	0.1
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	54	302.	327.796	957.	163.	17451.033	132.102	240.	274.	338.	419.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	84	2.06	2.249	8.33	0.3	1.832	1.354	0.715	1.12	3.	4.085
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	77	0.19	0.325	1.5	0.03	0.096	0.31	0.08	0.115	0.39	0.804
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/77-10/05/77	1	72.	72.	72.	72.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-08/13/86	13	4600.	11030.769	24000.	2300.	86765641.026	9314.808	2340.	4300.	24000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/80-08/13/86	13	3.663	3.887	4.38	3.362	0.151	0.389	3.369	3.633	4.38	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7704.762								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	72	10150.	45839.444	240000.	430.	5535263678.56	74399.353	2300.	4300.	45250.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	72	4.005	4.153	5.38	2.633	0.475	0.69	3.362	3.633	4.655	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			14211.895								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	72	2300.	20124.75	240000.	90.	3137432285.317	56012.787	230.	910.	4300.	45100.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	72	3.362	3.397	5.38	1.954	0.693	0.832	2.362	2.959	3.633	4.654

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2496.753								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-08/13/86	13	930.	3964.615	24000.	230.	44524693.59	6672.683	234.	840.	3500.	18800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-08/13/86	13	2.968	3.206	4.38	2.362	0.341	0.584	2.369	2.922	3.521	4.245
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1607.215								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/02/79-12/09/80	18	0.555	0.584	1.25	0.21	0.067	0.258	0.3	0.458	0.597	1.187

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0429

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	1	0.03	12	0	0.00	14	1	0.07	10	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	80	0	0.00	24	0	0.00	34	0	0.00	22	0	0.00			
00400	PH	Other-Hi Lim.	9.	79	0	0.00	23	0	0.00	34	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	79	4	0.05	23	0	0.00	34	2	0.06	22	2	0.09			
00403	PH, LAB	Other-Hi Lim.	9.	84	0	0.00	28	0	0.00	34	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	84	1	0.01	28	0	0.00	34	0	0.00	22	1	0.05			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	84	0	0.00	28	0	0.00	34	0	0.00	22	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	13	1.00	5	5	1.00	5	5	1.00	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	72	68	0.94	24	24	1.00	29	28	0.97	19	16	0.84			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	72	67	0.93	24	22	0.92	29	28	0.97	19	17	0.89			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	13	1.00	5	5	1.00	5	5	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	20	13.	13.45	24.	1.	48.261	6.947	5.1	6.75	19.	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	20	16.	14.95	25.	2.	55.629	7.458	3.3	8.	21.	24.
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	20	75.	56.25	100.	0.	1965.461	44.334	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	20	9.2	9.44	14.	4.9	6.707	2.59	6.31	7.45	11.45	13.69
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	20	2.7	3.955	12.4	0.5	10.586	3.254	1.3	2.025	5.	11.26
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	17	6.9	6.924	7.2	6.2	0.071	0.266	6.52	6.8	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	17	6.9	6.829	7.2	6.2	0.08	0.283	6.52	6.8	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	17	0.126	0.148	0.631	0.063	0.018	0.135	0.063	0.063	0.158	0.327
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	20	7.4	7.455	8.3	7.	0.131	0.362	7.01	7.125	7.7	8.15
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	20	7.4	7.34	8.3	7.	0.145	0.381	7.01	7.125	7.7	8.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	20	0.04	0.046	0.1	0.005	0.001	0.03	0.008	0.02	0.075	0.098
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	20	2.85	2.626	4.73	0.73	1.239	1.113	0.827	1.653	3.215	4.314
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	19	0.23	0.279	0.99	0.03	0.055	0.234	0.05	0.11	0.36	0.67
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	20	9300.	47894.	240000.	750.	7065472772.632	84056.367	1067.	4300.	43000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	20	3.968	4.085	5.38	2.875	0.568	0.754	3.008	3.633	4.633	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12152.974								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	20	1900.	28127.	240000.	230.	5339270769.474	73070.314	430.	555.	8050.	220300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	20	3.269	3.423	5.38	2.362	0.747	0.864	2.633	2.717	3.885	5.306
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2650.806								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	8	9.	9.875	19.	4.	25.839	5.083	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	8	11.5	11.375	20.	4.	31.411	5.605	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	8	25.	40.625	100.	0.	2131.696	46.17	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	8	10.35	10.363	13.6	7.5	3.317	1.821	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	8	3.25	6.463	19.1	2.3	44.474	6.669	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	8	6.9	6.888	7.2	6.4	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	8	6.9	6.823	7.2	6.4	0.06	0.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	8	0.126	0.15	0.398	0.063	0.011	0.105	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	8	7.35	7.375	7.5	7.3	0.008	0.089	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	8	7.347	7.367	7.5	7.3	0.008	0.089	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	8	0.045	0.043	0.05	0.032	0.	0.008	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	8	3.11	3.769	8.33	2.04	4.369	2.09	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	8	0.805	0.82	1.5	0.24	0.147	0.383	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	8	9300.	41062.5	240000.	2300.	6664859821.429	81638.593	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	8	3.968	4.064	5.38	3.362	0.47	0.686	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			11590.944								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	8	4300.	5182.5	23000.	150.	55544021.429	7452.786	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	8	3.633	3.313	4.362	2.176	0.51	0.714	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2055.332								

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Annual Analysis for 1975 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	3	22.	22.333	24.	21.	2.333	1.528	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	3	25.	24.667	26.	23.	2.333	1.528	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	3	100.	75.	100.	25.	1875.	43.301	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	3	9.1	8.467	9.6	6.7	2.403	1.55	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	3	2.	2.9	6.6	0.1	11.17	3.342	**	**	**	**

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Annual Analysis for 1975 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	2	7.347	7.347	7.4	7.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	3	7.6	7.667	7.9	7.5	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	3	7.6	7.636	7.9	7.5	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	3	0.025	0.023	0.032	0.013	0.	0.01	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	1	274.	274.	274.	274.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	3	2.39	2.267	2.57	1.84	0.145	0.38	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	3	0.15	0.157	0.17	0.15	0.	0.012	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	3	46000.	53433.333	110000.	4300.	2834563333.333	53240.617	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	3	4.663	4.446	5.041	3.633	0.531	0.729	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			27917.273								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	3	930.	1196.667	2300.	360.	994233.333	997.112	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	3	2.968	2.962	3.362	2.556	0.162	0.403	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			916.582								

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Annual Analysis for 1976 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	8	14.5	13.625	21.	1.	38.839	6.232	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	8	13.	13.875	25.	-1.	57.554	7.586	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	8	0.	34.375	100.	0.	2310.268	48.065	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	8	8.85	9.825	15.4	7.5	7.642	2.764	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	8	2.	2.675	7.8	1.	4.631	2.152	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	8	7.	7.038	7.4	6.7	0.063	0.25	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	8	6.989	6.978	7.4	6.7	0.067	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	8	0.103	0.105	0.2	0.04	0.003	0.056	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	8	7.3	7.288	7.8	6.8	0.096	0.309	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	8	7.289	7.194	7.8	6.8	0.106	0.325	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	8	0.051	0.064	0.158	0.016	0.002	0.046	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	8	262.	323.25	840.	163.	47302.5	217.491	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	8	1.045	1.665	4.98	0.3	2.528	1.59	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	8	0.155	0.203	0.58	0.08	0.026	0.162	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	8	24000.	32287.5	110000.	4300.	1138375535.714	33739.821	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	8	4.38	4.337	5.041	3.633	0.174	0.417	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			21725.365								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	8	1605.	2263.75	4600.	360.	3486312.5	1867.167	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	8	3.16	3.175	3.663	2.556	0.209	0.457	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1495.924								

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Annual Analysis for 1977 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	7	8.	8.	23.	-1.	62.333	7.895	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	8	10.	11.25	27.	-2.	80.214	8.956	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	8	25.	40.625	100.	0.	1953.125	44.194	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	7	9.3	9.143	11.8	5.7	5.083	2.255	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	8	4.2	4.388	7.1	1.6	5.304	2.303	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	8	7.15	7.25	8.	6.4	0.337	0.581	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	8	7.125	6.96	8.	6.4	0.433	0.658	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	8	0.075	0.11	0.398	0.01	0.017	0.129	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	9	7.1	7.144	7.5	6.9	0.038	0.194	6.9	7.	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	9	7.1	7.11	7.5	6.9	0.039	0.198	6.9	7.	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	9	0.079	0.078	0.126	0.032	0.001	0.03	0.032	0.051	0.1	0.126
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	9	307.	340.667	601.	211.	15716.25	125.364	211.	237.5	415.5	601.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	9	1.1	1.726	5.33	0.5	2.324	1.524	0.5	0.6	2.25	5.33
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	9	0.34	0.449	0.99	0.15	0.093	0.304	0.15	0.205	0.755	0.99
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	9	24000.	65622.222	240000.	4300.	5868186944.444	76604.092	4300.	16150.	110000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	9	4.38	4.539	5.38	3.633	0.307	0.554	3.633	4.165	5.041	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			34583.816								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	9	4300.	17032.333	46000.	91.	352583109.	18777.197	91.	2300.	35000.	46000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	9	3.633	3.782	4.663	1.959	0.748	0.865	1.959	3.362	4.521	4.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6049.34								

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Annual Analysis for 1978 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	12	11.	11.083	23.	0.	69.902	8.361	0.3	2.25	20.25	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	12	5.	13.	34.	-3.	131.273	11.457	6.3	8.	22.75	32.2
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	12	12.5	43.75	100.	0.	2514.205	50.142	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	11	10.	9.964	13.	5.9	6.571	2.563	6.04	6.9	12.3	12.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	11	2.7	2.536	3.5	0.8	0.793	0.89	0.98	1.8	3.4	3.48
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	12	7.6	7.525	8.9	6.9	0.282	0.531	6.93	7.1	7.7	8.54
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	12	7.6	7.326	8.9	6.9	0.325	0.57	6.93	7.1	7.7	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	12	0.025	0.047	0.126	0.001	0.002	0.039	0.007	0.02	0.079	0.118
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	12	7.25	7.342	8.7	6.8	0.259	0.509	6.86	7.	7.525	8.43
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	12	7.247	7.179	8.7	6.8	0.288	0.536	6.86	7.	7.525	8.43
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	12	0.057	0.066	0.158	0.002	0.002	0.044	0.006	0.031	0.1	0.141
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	12	300.5	347.417	957.	236.	37672.083	194.093	241.4	271.5	319.	768.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	12	1.75	1.908	4.7	0.6	1.354	1.163	0.63	1.025	2.375	4.22
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	12	0.16	0.191	0.43	0.08	0.013	0.115	0.08	0.11	0.235	0.421
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	12	4450.	27635.833	240000.	930.	4532853044.697	67326.466	1341.	4300.	20325.	175200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	12	3.648	3.884	5.38	2.968	0.378	0.615	3.086	3.633	4.277	5.08
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7650.741								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	12	1900.	25060.833	240000.	90.	4658962626.515	68256.594	108.	405.	19075.	175200.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	12	3.269	3.342	5.38	1.954	0.995	0.998	2.021	2.513	4.194	5.08
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2197.302								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	12	10.5	10.417	20.	-1.	42.992	6.557	2.9	6.75	16.5	19.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	12	14.	12.833	25.	-2.	67.424	8.211	1.8	1.	19.75	23.5
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	12	62.5	52.083	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	12	9.5	9.983	12.2	8.	2.767	1.663	8.06	8.45	11.85	12.14
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	11	2.6	4.827	23.	0.6	42.93	6.552	0.72	1.3	4.	20.4
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	11	7.6	7.445	8.5	3.8	1.673	1.293	4.48	7.3	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	11	7.6	4.841	8.5	3.8	9.136	3.023	4.48	7.3	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	11	0.025	14.43	158.489	0.003	2282.834	47.779	0.003	0.005	0.05	126.804
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	12	7.35	7.342	8.1	6.	0.348	0.59	6.3	7.	7.85	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	12	7.347	6.889	8.1	6.	0.572	0.756	6.3	7.	7.85	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	12	0.045	0.129	1.	0.008	0.077	0.277	0.008	0.014	0.1	0.73

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Annual Analysis for 1979 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	12	284.5	289.167	315.	263.	249.242	15.787	266.3	277.25	304.5	312.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	12	2.25	2.258	3.4	1.	0.639	0.799	1.12	1.475	3.	3.34
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	12	0.15	0.32	1.25	0.06	0.134	0.366	0.063	0.08	0.58	1.082
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	12	9800.	56102.5	240000.	430.	8271747165.909	90949.146	991.	4300.	88500.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	12	3.919	4.108	5.38	2.633	0.715	0.846	2.852	3.633	4.876	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12825.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	12	2300.	30771.75	240000.	91.	5308592454.932	72860.088	132.7	915.	4300.	201000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	12	3.362	3.435	5.38	1.959	0.936	0.968	2.08	2.961	3.633	5.279
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2720.922								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	11	10.	9.818	20.	0.	35.964	5.997	0.2	6.	12.	19.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	11	13.	12.091	22.	-3.	65.291	8.08	2.4	-3.	20.	21.6
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	12	0.	27.083	100.	0.	1756.629	41.912	0.	0.	68.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	11	10.6	10.327	14.	6.1	5.716	2.391	6.48	8.4	12.6	13.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	11	2.1	2.236	4.2	1.	1.011	1.005	1.04	1.2	3.	4.02
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	12	7.45	7.558	8.5	7.1	0.126	0.355	7.16	7.4	7.75	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	12	7.447	7.464	8.5	7.1	0.136	0.369	7.16	7.4	7.75	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	12	0.036	0.034	0.079	0.003	0.	0.019	0.007	0.018	0.04	0.071
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	12	7.55	7.475	7.9	6.8	0.098	0.314	6.89	7.25	7.7	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	12	7.547	7.355	7.9	6.8	0.114	0.338	6.89	7.25	7.7	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	12	0.028	0.044	0.158	0.013	0.002	0.041	0.015	0.02	0.057	0.135
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/09/80	12	340.	344.667	450.	294.	1857.333	43.097	297.	310.5	364.25	431.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	12	1.45	1.717	3.3	0.8	0.743	0.862	0.8	1.025	2.275	3.24
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	6	0.14	0.157	0.28	0.08	0.006	0.076	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	1	23.2	23.2	23.2	23.2	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	26	18.5	17.658	24.	8.	25.375	5.037	9.4	13.5	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	27	20.	20.119	34.	7.	39.764	6.306	9.6	16.	24.	27.2
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	28	25.	39.286	100.	0.	1917.989	43.795	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	24	7.95	7.888	10.6	5.7	1.59	1.261	6.	6.825	8.75	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	28	1.95	2.232	6.6	0.1	1.761	1.327	0.96	1.35	2.775	3.5
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	23	7.4	7.413	8.	6.8	0.12	0.347	6.9	7.1	7.7	7.92
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	23	7.4	7.282	8.	6.8	0.138	0.372	6.9	7.1	7.7	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	23	0.04	0.052	0.158	0.01	0.002	0.042	0.012	0.02	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	28	7.45	7.432	8.1	6.8	0.099	0.315	7.	7.2	7.7	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	28	7.447	7.324	8.1	6.8	0.111	0.334	7.	7.2	7.7	7.81
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	28	0.036	0.047	0.158	0.008	0.001	0.035	0.016	0.02	0.063	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	28	1.51	1.641	4.98	0.3	0.989	0.995	0.5	0.933	2.293	2.846
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	23	0.17	0.251	0.8	0.07	0.037	0.192	0.08	0.11	0.34	0.586
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	24	17000.	44704.167	240000.	4300.	4765027373.188	69029.178	4300.	4375.	40500.	175000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	24	4.202	4.245	5.38	3.633	0.346	0.588	3.633	3.641	4.592	5.211
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			17584.82								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	24	2300.	14042.5	240000.	90.	2357999332.609	48559.235	190.	555.	4300.	24000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	24	3.362	3.322	5.38	1.954	0.577	0.759	2.269	2.717	3.633	4.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2096.842								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	34	6.	5.382	12.	-1.	14.971	3.869	1.	2.	9.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	34	-1.5	6.706	18.	-3.	33.608	5.797	2.5	6.	12.	14.
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	34	50.	49.265	100.	0.	1950.201	44.161	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	34	11.4	11.168	15.4	4.9	4.214	2.053	8.75	10.	12.325	13.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	32	3.4	5.397	23.	0.8	25.302	5.03	1.48	2.625	6.75	12.16
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	34	7.15	7.106	8.5	3.8	0.545	0.738	6.75	6.8	7.425	7.85
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	34	7.147	5.323	8.5	3.8	3.819	1.954	6.75	6.8	7.425	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	34	0.071	4.751	158.489	0.003	737.933	27.165	0.015	0.038	0.158	0.179
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	34	7.3	7.309	8.2	6.8	0.094	0.307	7.	7.1	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	34	7.3	7.219	8.2	6.8	0.102	0.32	7.	7.1	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	34	0.05	0.06	0.158	0.006	0.001	0.037	0.02	0.032	0.079	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	34	2.985	2.783	5.33	0.73	1.612	1.27	0.9	1.86	3.573	4.715
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	32	0.225	0.391	1.25	0.05	0.119	0.345	0.089	0.153	0.66	0.99
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	29	9300.	42101.724	240000.	750.	5216797229.064	72227.399	2300.	4300.	44500.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	29	3.968	4.114	5.38	2.875	0.469	0.685	3.362	3.633	4.648	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12997.082								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	29	2300.	26077.621	240000.	91.	4012095269.887	63341.103	430.	920.	6800.	110000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	29	3.362	3.544	5.38	1.959	0.695	0.834	2.633	2.964	3.801	5.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3496.947								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/73-08/13/86	22	14.	14.727	22.	6.	20.303	4.506	6.9	12.	19.	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/73-08/13/86	22	16.5	16.364	25.	4.	29.861	5.465	8.9	12.75	20.25	25.
00032	CLOUD COVER (PERCENT)	01/05/73-08/13/86	22	12.5	44.318	100.	0.	2376.894	48.753	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/73-12/09/80	22	9.55	9.714	13.2	6.4	3.944	1.986	7.02	8.175	11.25	12.97
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/73-08/13/86	21	2.1	3.257	15.1	0.5	9.749	3.122	1.28	1.9	3.35	7.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/05/73-08/13/86	22	7.15	7.282	8.9	6.2	0.448	0.669	6.46	6.9	7.525	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/05/73-08/13/86	22	7.147	6.94	8.9	6.2	0.57	0.755	6.46	6.9	7.525	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-08/13/86	22	0.071	0.115	0.631	0.001	0.022	0.147	0.003	0.03	0.126	0.354
00403	PH, LAB, STANDARD UNITS SU	01/05/73-12/09/80	22	7.4	7.409	8.7	6.	0.304	0.551	6.93	7.	7.65	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/73-12/09/80	22	7.4	7.035	8.7	6.	0.45	0.671	6.93	7.	7.65	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/73-12/09/80	22	0.04	0.092	1.	0.002	0.042	0.206	0.006	0.023	0.1	0.118
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/73-12/09/80	22	2.02	2.198	8.33	0.59	2.479	1.574	0.644	1.27	2.593	3.164
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/73-06/12/80	22	0.165	0.308	1.5	0.03	0.121	0.348	0.063	0.108	0.408	0.811
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	19	9300.	52978.421	240000.	430.	7551853102.924	86901.399	930.	4300.	46000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/73-12/04/79	19	3.968	4.095	5.38	2.633	0.686	0.828	2.968	3.633	4.663	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12446.811								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	19	1500.	18721.632	240000.	91.	3012895566.135	54889.849	150.	360.	4300.	46000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/73-12/04/79	19	3.176	3.27	5.38	1.959	0.856	0.925	2.176	2.556	3.633	4.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1861.295								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0430

NPS Station ID: GWMP0430 LAT/LON: 38.945531/ -77.053615 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/05
RMI-Indexes: 0214001 002700 00110 0010 Within Park Boundary: No
RMI-Miles: 0112.80 0004.70 000.10 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 4.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010062000.00 RF3 Mile Point: 0.12 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.286	0.286	0.303	0.268	0.001	0.025	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	234650.	234650.	460000.	9300.101565245000.		318693.026	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	4.816	4.816	5.663	3.968	1.435	1.198	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65406.422								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	24050.	24050.	46000.	2100.	963605000.	31041.988	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	3.992	3.992	4.663	3.322	0.899	0.948	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			9828.53								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	75000.	75000.	97000.	53000.	968000000.	31112.698	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.856	4.856	4.987	4.724	0.034	0.186	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			71700.767								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0430

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0431

NPS Station ID: GWMP0431
Location: KEY BRIDGE-STATION 1
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003201.47
Description:
KEY BRIDGE-STATION 1

LAT/LON: 38.946670/ -77.069726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.29

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750644181
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.40
Distance from RF3: 0.09

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0431

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0432

NPS Station ID: GWMP0432
Location: CHAIN BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070008
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070008
RF3 Index: 02070010062000.00
Description:
CHAIN BRIDGE

LAT/LON: 38.946670/ -77.116670

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.00

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750674080
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 9.50
Distance from RF3: 0.76

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0432

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0433

NPS Station ID: GWMP0433 LAT/LON: 38.946892/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/04
RMI-Indexes: 0214001 002700 00110 Within Park Boundary: No
RMI-Miles: 0112.80 0004.70 000.25
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 4.710 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003604.49 RF3 Mile Point: 5.98 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.303	0.303	0.337	0.268	0.002	0.049	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	1	140000.	140000.	140000.	140000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/71-07/18/71	1	5.146	5.146	5.146	5.146	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140000.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/18/71-07/18/71	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			24000.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	26500.	26500.	42000.	11000.	480500000.	21920.31	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.332	4.332	4.623	4.041	0.169	0.411	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			21494.185								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0434

NPS Station ID: GWMP0434 LAT/LON: 38.948059/ -77.127503 Agency: 21MDOEP Date Created: 02/01/86
Location: POTOMAC R.GAGING ST.ABOVE LITTLE FALLS DAM FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): POT1184
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010003621.45 RF3 Mile Point: 22.05 Distance from RF3: 0.05 On/Off RF3:
Description:
EASYSTOR WAS USED TO ENTER THE INFO POTOMAC RIVER WATERBODY
NO DEPTH INFORMATION FOR LAND STATION

Parameter Inventory for Station: GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	47	15.8	15.853	30.8	1.	81.736	9.041	2.28	7.1	25.	26.92
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	47	17.5	17.202	34.	-1.	96.562	9.827	5.	10.	26.	28.2
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	46	40.	45.543	100.	0.	1556.92	39.458	0.	8.75	92.5	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	47	7.6	20.726	263.	2.2	1754.034	41.881	3.8	5.9	15.2	47.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	47	320.	307.638	464.	88.	5786.845	76.071	208.4	265.	361.	409.2
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	47	9.3	9.791	14.7	5.7	5.613	2.369	7.	7.7	11.8	13.62
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	45	1.7	1.84	5.2	0.5	1.597	1.264	0.5	0.7	2.3	4.04
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	47	8.3	8.283	9.3	7.4	0.127	0.357	7.8	8.	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	47	8.3	8.145	9.3	7.4	0.147	0.383	7.8	8.	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	47	0.005	0.007	0.04	0.001	0.	0.007	0.002	0.003	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	47	93.	88.277	143.	36.	587.509	24.239	54.	68.	105.	119.
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	47	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	47	10.	26.404	340.	1.	3095.42	55.636	1.8	3.	23.	57.4
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	45	1.95	1.925	3.07	0.59	0.229	0.479	1.198	1.655	2.175	2.45
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	45	0.027	0.046	0.312	0.008	0.003	0.051	0.013	0.016	0.062	0.098
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	46	0.012	0.014	0.035	0.002	0.	0.007	0.007	0.009	0.018	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	46	1.36	1.359	2.79	0.03	0.252	0.502	0.775	1.068	1.603	2.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	46	0.55	0.561	1.2	0.1	0.054	0.233	0.263	0.374	0.653	0.961
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	46	1.38	1.373	2.8	0.04	0.251	0.501	0.782	1.08	1.613	2.03
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	45	0.04	0.043	0.16	0.	0.001	0.03	0.01	0.02	0.06	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	45	0.072	0.087	0.358	0.01	0.004	0.065	0.026	0.044	0.106	0.159
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	46	3.8	3.937	8.1	2.1	1.925	1.387	2.37	2.975	4.4	6.31
00956	SILICA, TOTAL (MG/L AS SI02)	02/12/91-12/13/94	41	2.5	2.31	4.9	0.3	1.299	1.14	0.4	1.3	3.25	3.66
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	44	1300.	4898.068	54000.	13.	147920893.832	12162.273	140.	490.	2200.	10250.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	44	3.114	3.031	4.732	1.114	0.568	0.753	2.136	2.69	3.342	4.01
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1072.889								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	45	49.	1764.	54000.	5.	65353713.864	8084.164	15.4	27.	230.	3300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	45	1.69	2.011	4.732	0.699	0.752	0.867	1.184	1.427	2.362	3.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			102.622								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	47	2.84	7.15	45.81	0.3	103.184	10.158	0.598	1.58	5.97	26.714
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	45	2.09	5.31	39.62	0.3	67.53	8.218	0.56	1.1	4.71	21.692
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	47	0.08	0.786	20.39	0.	9.088	3.015	0.	0.	0.34	1.534
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	47	0.25	1.194	24.04	0.	12.927	3.595	0.04	0.11	0.59	2.928

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	45	0.9	2.405	24.2	0.	18.252	4.272	0.	0.245	2.365	8.082

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0434

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	47	4	0.09	16	0	0.00	19	3	0.16	12	1	0.08			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	47	0	0.00	16	0	0.00	19	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	47	1	0.02	16	0	0.00	19	1	0.05	12	0	0.00			
		Other-Lo Lim.	6.5	47	0	0.00	16	0	0.00	19	0	0.00	12	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	44	23	0.52	16	10	0.63	18	9	0.50	10	4	0.40			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	13	0.29	16	3	0.19	18	8	0.44	11	2	0.18			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	12	19.35	16.342	28.	2.	88.441	9.404	2.69	7.275	25.375	27.61
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	20.75	16.625	30.5	-1.	136.46	11.682	6.65	-1.	27.5	30.05
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	11	40.	50.	100.	0.	1485.	38.536	2.	15.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	7.95	9.742	26.	3.6	42.215	6.497	3.75	5.925	10.625	23.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	12	308.	304.667	433.	88.	8914.061	94.414	124.6	265.5	378.25	419.5
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	12	8.8	9.683	14.7	7.	5.532	2.352	7.03	7.85	11.475	14.04
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	12	1.55	1.8	5.1	0.5	1.955	1.398	0.5	0.575	2.325	4.65
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.3	8.283	8.7	7.8	0.056	0.237	7.86	8.125	8.4	8.64
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.3	8.22	8.7	7.8	0.06	0.246	7.86	8.125	8.4	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	12	0.005	0.006	0.016	0.002	0.	0.004	0.002	0.004	0.008	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	12	81.	89.167	143.	54.	710.879	26.662	54.	70.5	106.5	135.8
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	8.	9.417	24.	1.	72.992	8.544	1.	2.	16.	23.7
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	10	1.74	1.691	2.75	0.59	0.437	0.661	0.633	1.073	2.15	2.72
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	11	0.056	0.048	0.112	0.012	0.001	0.033	0.013	0.016	0.064	0.107
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	0.009	0.012	0.026	0.005	0.	0.006	0.005	0.007	0.017	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	1.28	1.202	2.29	0.03	0.51	0.714	0.11	0.67	1.69	2.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	11	0.55	0.532	0.75	0.25	0.03	0.174	0.26	0.35	0.65	0.75
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	11	1.3	1.215	2.3	0.04	0.511	0.715	0.12	0.67	1.7	2.28
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	11	0.04	0.039	0.08	0.	0.001	0.029	0.002	0.01	0.07	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	11	0.07	0.074	0.134	0.031	0.002	0.041	0.032	0.037	0.12	0.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	11	3.8	4.091	7.2	2.7	2.091	1.446	2.72	3.2	5.1	6.98
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	12	1300.	7143.333	54000.	110.	228597515.152	15119.442	146.	565.	6475.	41100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	12	3.114	3.263	4.732	2.041	0.562	0.75	2.137	2.742	3.806	4.525
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1833.851								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	12	47.5	512.583	3300.	17.	929086.992	963.892	17.	18.25	675.	2700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	12	1.676	2.026	3.519	1.23	0.672	0.82	1.23	1.258	2.803	3.397
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			106.242								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	2.88	4.879	19.95	0.81	29.314	5.414	1.101	2.253	4.758	17.286
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	12	2.165	3.358	11.96	0.6	9.956	3.155	0.87	1.698	4.078	10.406
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.13	1.888	20.39	0.	33.997	5.831	0.018	0.07	0.37	14.516
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.345	2.312	24.04	0.	46.951	6.852	0.	0.055	0.51	17.227
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	12	0.825	2.734	24.2	0.	45.925	6.777	0.102	0.403	1.24	17.474

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	12	15.3	14.55	27.4	1.9	77.566	8.807	2.44	6.05	23.775	26.77
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	15.75	16.792	29.5	5.	81.294	9.016	5.15	7.75	25.5	28.75
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	17.5	30.417	100.	0.	1392.992	37.323	0.	0.	47.5	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	7.7	17.933	56.	3.4	336.613	18.347	3.73	5.75	36.5	52.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	12	319.	300.75	354.	211.	2617.295	51.16	216.7	248.75	345.75	353.4
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	12	9.65	10.025	14.6	6.9	5.849	2.419	7.02	7.725	11.875	14.09
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	11	1.6	1.882	5.2	0.5	2.218	1.489	0.5	0.5	2.	4.96
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.1	8.183	9.3	7.4	0.251	0.501	7.49	7.825	8.5	9.09
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.1	7.97	9.3	7.4	0.3	0.548	7.49	7.825	8.5	9.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	12	0.008	0.011	0.04	0.001	0.	0.011	0.001	0.003	0.015	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	12	92.	85.583	120.	49.	497.902	22.314	50.5	65.75	103.	116.7
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	7.5	21.583	78.	2.	673.538	25.953	2.3	3.25	46.25	71.1
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	12	2.	2.121	3.	1.75	0.123	0.351	1.75	1.913	2.325	2.835
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	12	0.036	0.044	0.112	0.008	0.001	0.032	0.01	0.017	0.066	0.104
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.012	0.013	0.025	0.002	0.	0.006	0.004	0.011	0.017	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	1.495	1.538	1.98	0.99	0.074	0.272	1.08	1.383	1.765	1.95
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	12	0.55	0.571	1.	0.25	0.059	0.243	0.265	0.338	0.738	0.985

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Annual Analysis for 1992 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.5	1.55	2.	1.	0.075	0.275	1.09	1.4	1.775	1.97
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	12	0.045	0.048	0.09	0.	0.001	0.026	0.006	0.025	0.068	0.087
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	12	0.088	0.099	0.217	0.018	0.003	0.053	0.03	0.068	0.121	0.204
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	3.2	3.333	4.5	2.2	0.664	0.815	2.26	2.525	4.125	4.47
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	11	1300.	1165.636	3300.	23.	993504.055	996.747	28.2	330.	1700.	3080.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	11	3.114	2.779	3.519	1.362	0.472	0.687	1.427	2.519	3.23	3.483
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			600.914								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	79.	370.545	3300.	13.	947509.073	973.401	17.	33.	130.	2684.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	1.898	1.922	3.519	1.114	0.399	0.631	1.195	1.519	2.114	3.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			83.591								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	1.835	2.998	10.48	0.3	9.144	3.024	0.39	0.833	5.278	9.127
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	12	1.645	2.318	7.48	0.3	5.15	2.269	0.33	0.525	4.108	6.76
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.005	0.115	0.57	0.	0.036	0.19	0.	0.	0.188	0.522
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.18	0.35	1.72	0.02	0.214	0.462	0.047	0.11	0.44	1.381
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	12	0.655	1.013	4.56	0.	1.682	1.297	0.	0.063	1.523	3.819

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Annual Analysis for 1993 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	11	16.7	17.3	30.8	2.2	81.596	9.033	3.32	10.	25.6	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	11	17.	19.182	34.	4.	78.564	8.864	5.4	12.	26.	32.6
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	11	20.	34.545	100.	0.	1292.273	35.948	0.	5.	50.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	11	6.7	44.155	263.	2.2	6683.481	81.753	2.52	3.8	57.	235.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	11	330.	314.545	464.	180.	9445.473	97.188	181.	202.	409.	455.4
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	11	8.9	9.455	13.7	5.7	5.885	2.426	5.98	7.7	11.1	13.46
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	10	1.5	1.72	4.1	0.5	1.213	1.101	0.5	0.725	2.325	3.93
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	11	8.5	8.427	8.9	7.9	0.114	0.338	7.92	8.	8.7	8.86
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	11	8.5	8.305	8.9	7.9	0.131	0.361	7.92	8.	8.7	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	11	0.003	0.005	0.013	0.001	0.	0.004	0.001	0.002	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	11	98.	88.	119.	36.	834.4	28.886	37.6	57.	106.	118.4
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	11	9.	58.091	340.	1.	11647.091	107.922	1.	2.	59.	308.8
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	11	2.04	1.929	2.4	1.15	0.111	0.334	1.256	1.69	2.14	2.36
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	10	0.024	0.064	0.312	0.011	0.009	0.094	0.011	0.013	0.086	0.293
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	0.013	0.016	0.035	0.005	0.	0.009	0.005	0.01	0.024	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	1.28	1.299	1.99	0.97	0.079	0.281	0.976	1.09	1.38	1.89
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	11	0.57	0.619	1.2	0.1	0.095	0.308	0.154	0.4	0.844	1.164
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	11	1.3	1.315	2.	1.	0.077	0.277	1.004	1.1	1.4	1.9
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	10	0.045	0.05	0.16	0.01	0.002	0.043	0.01	0.018	0.06	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	11	0.093	0.112	0.358	0.01	0.011	0.105	0.01	0.045	0.149	0.335
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	11	4.2	4.536	7.	2.1	2.249	1.5	2.34	3.5	6.	6.96
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	10	1500.	9777.3	54000.	13.	355562579.567	18856.367	28.7	410.	10400.	52100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	10	3.172	3.119	4.732	1.114	1.091	1.044	1.226	2.575	3.643	4.714
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1313.828								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	33.	5357.273	54000.	5.	262147588.218	16190.972	6.6	17.	110.	44120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	1.519	1.93	4.732	0.699	1.434	1.197	0.782	1.23	2.041	4.518
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			85.148								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	2.55	7.356	29.44	0.5	105.559	10.274	0.514	0.74	10.24	28.546
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	10	2.015	6.097	23.18	0.45	76.817	8.765	0.465	0.713	8.938	23.045
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	0.1	0.432	2.39	0.	0.566	0.752	0.	0.07	0.43	2.176
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	0.21	0.734	3.48	0.04	1.169	1.081	0.054	0.15	0.77	3.204
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	10	1.065	2.867	11.45	0.07	16.512	4.064	0.075	0.173	4.288	11.213

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Annual Analysis for 1994 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	12	15.65	15.342	28.7	1.	97.126	9.855	1.39	5.45	25.1	28.13
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	17.75	16.375	28.	1.	109.415	10.46	1.	6.25	26.5	27.7
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	90.	66.667	100.	0.	1574.242	39.677	1.5	23.75	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	8.8	13.025	45.	5.5	126.604	11.252	5.65	6.325	14.775	38.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	12	316.	311.167	410.	215.	3958.697	62.918	216.8	262.	364.	401.9
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	12	9.65	9.975	13.9	6.9	6.518	2.553	6.93	7.375	12.3	13.81
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	12	2.	1.942	4.5	0.5	1.397	1.182	0.5	0.8	2.225	4.2
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.25	8.25	8.8	7.8	0.088	0.297	7.86	8.	8.4	8.77
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.247	8.167	8.8	7.8	0.096	0.309	7.86	8.	8.4	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	12	0.006	0.007	0.016	0.002	0.	0.004	0.002	0.004	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	12	95.	90.333	125.	56.	476.061	21.819	58.4	67.	105.	122.3
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	17.	19.167	57.	3.	208.333	14.434	3.	10.	22.75	48.9
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	12	1.79	1.919	3.07	1.23	0.244	0.494	1.314	1.593	2.255	2.854
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	12	0.025	0.031	0.072	0.008	0.	0.02	0.01	0.017	0.046	0.069
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.014	0.015	0.023	0.009	0.	0.005	0.009	0.011	0.02	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	1.23	1.381	2.79	0.54	0.358	0.598	0.642	0.965	1.605	2.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	12	0.492	0.523	0.988	0.249	0.043	0.208	0.255	0.35	0.65	0.89
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.24	1.396	2.8	0.57	0.353	0.594	0.669	0.983	1.618	2.59
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	12	0.03	0.037	0.09	0.02	0.	0.022	0.02	0.02	0.045	0.084
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	11	0.053	0.061	0.129	0.014	0.001	0.03	0.019	0.043	0.076	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	3.8	3.85	8.1	2.2	2.477	1.574	2.23	2.575	4.35	7.02
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	11	490.	1745.455	9500.	330.	7489367.273	2736.671	330.	490.	2200.	8260.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	11	2.69	2.948	3.978	2.519	0.218	0.467	2.519	2.69	3.342	3.886
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			887.848								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	110.	929.364	7000.	13.	4455059.055	2110.701	15.	31.	330.	6040.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	2.041	2.165	3.845	1.114	0.695	0.834	1.164	1.491	2.519	3.745
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			146.202								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	4.25	13.384	45.81	0.59	230.199	15.172	0.593	2.033	27.165	40.758
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	11	2.99	9.99	39.62	0.7	171.349	13.09	0.7	1.	21.6	36.588
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.07	0.679	3.52	0.	1.5	1.225	0.	0.013	0.97	3.316
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.435	1.341	5.98	0.07	3.458	1.859	0.079	0.155	2.36	5.287
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	11	1.86	3.143	8.52	0.	9.813	3.133	0.	0.	5.82	8.374

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	16	25.15	23.919	30.8	15.8	21.311	4.616	15.87	20.6	27.225	29.33
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	16	26.	24.	34.	10.	42.5	6.519	11.4	21.625	27.75	30.85
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	15	15.	29.333	100.	0.	1456.667	38.166	0.	0.	60.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	16	7.	6.788	9.8	3.8	3.79	1.947	3.87	5.225	8.525	9.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	16	349.5	356.	421.	301.	1114.4	33.383	314.3	331.	382.75	412.6
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	16	7.6	7.669	8.9	5.7	0.79	0.889	6.54	7.1	8.525	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	15	2.	1.72	4.1	0.5	0.877	0.937	0.5	0.8	2.	3.08
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	16	8.3	8.319	8.7	8.	0.038	0.194	8.07	8.125	8.475	8.63
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	16	8.3	8.28	8.7	8.	0.039	0.198	8.07	8.125	8.475	8.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	16	0.005	0.005	0.01	0.002	0.	0.002	0.002	0.003	0.008	0.009
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	16	105.	106.563	120.	94.	64.662	8.041	96.8	100.5	114.25	119.3
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	16	7.5	8.563	24.	1.	39.863	6.314	1.7	3.	12.5	18.4
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	15	1.69	1.678	2.45	0.59	0.198	0.444	0.89	1.58	1.95	2.21
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	15	0.027	0.042	0.125	0.008	0.001	0.032	0.008	0.016	0.06	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	15	0.012	0.013	0.024	0.005	0.	0.006	0.006	0.008	0.017	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	15	1.15	1.08	1.88	0.03	0.214	0.463	0.27	0.91	1.35	1.646
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	16	0.55	0.586	1.02	0.37	0.023	0.151	0.374	0.525	0.65	0.831
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	15	1.16	1.093	1.9	0.04	0.213	0.462	0.28	0.93	1.36	1.66
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	15	0.05	0.05	0.08	0.02	0.	0.02	0.02	0.04	0.07	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	16	0.077	0.078	0.126	0.014	0.001	0.027	0.041	0.063	0.095	0.122
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	16	3.85	4.081	8.1	2.2	1.89	1.375	2.69	3.2	4.5	6.63
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	16	1300.	1898.125	11000.	110.	6554029.583	2560.084	376.	542.5	2075.	5610.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	16	3.114	3.064	4.041	2.041	0.195	0.441	2.496	2.729	3.314	3.675
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1157.466								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	14	2.09	4.645	24.46	0.4	42.536	6.522	0.5	0.9	5.175	18.285
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	14	0.915	3.706	24.2	0.	41.683	6.456	0.095	0.56	5.01	16.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	19	6.7	6.468	13.5	1.	14.663	3.829	1.9	2.3	10.	12.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	19	-1.	7.711	17.5	-1.	32.898	5.736	1.	5.	12.	17.
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	19	50.	64.211	100.	0.	1272.953	35.678	15.	40.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	19	8.9	33.474	263.	2.2	3941.884	62.784	3.4	5.3	26.	125.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	19	286.	301.737	464.	180.	6644.205	81.512	185.	241.	365.	433.
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	19	12.3	12.153	14.7	9.8	2.257	1.502	10.	10.8	13.6	14.6
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	18	1.4	1.744	5.1	0.5	1.765	1.329	0.5	0.5	2.15	4.11
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	19	8.4	8.337	9.3	7.7	0.177	0.421	7.8	8.	8.7	8.9
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	19	8.4	8.173	9.3	7.7	0.205	0.453	7.8	8.	8.7	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	19	0.004	0.007	0.02	0.001	0.	0.006	0.001	0.002	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	19	80.	79.368	143.	36.	811.246	28.482	44.	54.	93.	125.
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	19	16.	43.158	340.	1.	7036.807	83.886	1.	2.	30.	184.
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	19	2.15	2.103	3.07	1.02	0.299	0.547	1.15	1.75	2.4	3.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	19	0.024	0.055	0.312	0.011	0.005	0.069	0.013	0.016	0.072	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	19	0.012	0.013	0.035	0.002	0.	0.008	0.005	0.009	0.015	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	19	1.59	1.604	2.79	0.67	0.294	0.543	0.82	1.15	1.99	2.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	19	0.4	0.488	1.2	0.1	0.083	0.289	0.249	0.268	0.648	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	19	1.6	1.616	2.8	0.67	0.294	0.542	0.83	1.16	2.	2.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	19	0.03	0.04	0.16	0.	0.001	0.038	0.01	0.01	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	19	0.051	0.088	0.358	0.01	0.008	0.089	0.012	0.037	0.129	0.244
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	18	3.55	4.022	7.2	2.1	2.863	1.692	2.19	2.7	4.825	7.02
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	18	1045.	9492.556	54000.	13.	329144917.673	18142.351	22.	305.	7625.	54000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	18	3.006	3.086	4.732	1.114	1.069	1.034	1.337	2.479	3.878	4.732

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1218.212								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	19	1.5	1.943	7.48	0.3	3.374	1.837	0.45	0.7	2.54	5.08
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	19	0.39	0.984	4.56	0.	1.73	1.315	0.	0.04	1.27	3.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-12/13/94	12	20.4	19.958	26.8	11.4	23.614	4.859	12.42	15.5	24.8	26.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	24.	23.167	30.5	12.	30.379	5.512	12.6	20.375	27.	29.75
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	25.	36.25	100.	0.	1377.841	37.119	0.	1.25	72.5	97.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	11.05	19.125	57.	4.5	313.449	17.704	5.16	6.85	35.475	52.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-12/13/94	12	268.	252.5	361.	88.	5028.818	70.914	122.2	212.	286.25	353.2
00300	OXYGEN, DISSOLVED MG/L	04/08/80-12/13/94	12	8.8	8.883	11.1	7.	1.618	1.272	7.	7.875	9.775	10.92
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/82-12/13/94	12	1.75	2.133	5.2	0.5	2.415	1.554	0.5	0.7	3.225	4.99
00400	PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.05	8.15	8.8	7.4	0.165	0.406	7.52	7.85	8.475	8.77
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-12/13/94	12	8.047	7.982	8.8	7.4	0.195	0.442	7.52	7.85	8.475	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-12/13/94	12	0.009	0.01	0.04	0.002	0.	0.01	0.002	0.003	0.014	0.033
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-12/13/94	12	78.	78.	106.	54.	302.545	17.394	54.9	64.25	91.5	105.7
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	20.5	23.667	59.	1.	419.333	20.478	1.9	7.75	44.75	57.8
00600	NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/13/94	11	2.	1.953	2.35	1.63	0.041	0.203	1.63	1.89	2.05	2.294
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/08/80-12/13/94	11	0.027	0.037	0.112	0.012	0.001	0.032	0.012	0.014	0.044	0.106
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.018	0.017	0.026	0.009	0.	0.006	0.009	0.011	0.022	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	1.375	1.321	1.69	0.86	0.065	0.254	0.866	1.183	1.498	1.657
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-12/13/94	11	0.65	0.648	0.988	0.3	0.04	0.201	0.335	0.49	0.75	0.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.4	1.338	1.7	0.88	0.064	0.253	0.886	1.195	1.515	1.67
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/08/80-12/13/94	11	0.03	0.039	0.09	0.	0.001	0.026	0.004	0.02	0.06	0.086
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-12/13/94	10	0.09	0.096	0.217	0.037	0.003	0.058	0.037	0.044	0.135	0.21
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	3.7	3.617	5.1	2.3	0.72	0.848	2.33	2.85	4.175	4.89
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/08/80-12/13/94	10	640.	1427.9	4900.	49.	2493501.878	1579.083	77.1	405.	2475.	4740.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/08/80-12/13/94	10	2.794	2.879	3.69	1.69	0.335	0.579	1.773	2.605	3.386	3.673
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			756.01								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	12	4.335	11.418	39.62	1.2	153.477	12.389	1.467	2.165	21.773	34.688
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	12	1.645	3.135	11.45	0.	14.69	3.833	0.036	0.752	6.365	10.571

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0435

NPS Station ID: GWMP0435 LAT/LON: 38.948087/ -77.127615 Agency: 21MD Date Created: 10/06/79
Location: AT GAGING STA. JUST ABOVE LITTLE FALLS DAM USGS FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): POT1184
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070008001 RF1 Mile Point: 0.600 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070008003400.00 RF3 Mile Point: 0.02 Distance from RF3: 0.04 On/Off RF3:
Description:
02-14-02-01 POTOMAC RIVER UPPER TIDAL AREA DRG. (MARSHALL HALL TO CHAIN BRIDGE)
POTOMAC RIVER RIVER MILE IS 118.40 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
AT GAGING STA. JUST ABOVE LITTLE FALLS DAM USGS-01646500

Parameter Inventory for Station: GWMP0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/69-06/03/81	57	22.9	21.205	32.	5.	43.12	6.567	10.6	17.	25.85	28.04
00060	FLOW, STREAM, MEAN DAILY CFS	04/29/74-12/02/80	37	4270.	4684.27	9550.	700.	6778996.925	2603.651	1642.	2715.	6405.	8792.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/74-06/03/81	49	12.	14.708	74.	1.6	162.926	12.764	4.	6.45	18.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/69-06/03/81	60	290.5	297.767	456.	120.	6989.64	83.604	181.9	241.	350.	421.8
00300	OXYGEN, DISSOLVED MG/L	09/15/69-06/03/81	60	8.75	9.3	13.1	5.9	2.739	1.655	7.41	8.1	10.55	11.89
00340	COD, .25N K2CR2O7 MG/L	04/29/74-05/03/76	10	12.	12.9	31.	2.	85.656	9.255	2.1	5.25	20.5	30.1
00400	PH (STANDARD UNITS)	09/15/69-06/03/81	44	8.35	8.425	9.9	7.5	0.396	0.63	7.65	7.9	8.7	9.6
00400	CONVERTED PH (STANDARD UNITS)	09/15/69-06/03/81	44	8.347	8.102	9.9	7.5	0.503	0.709	7.65	7.9	8.7	9.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/69-06/03/81	44	0.004	0.008	0.032	0.	0.	0.009	0.	0.002	0.013	0.023
00403	PH, LAB, STANDARD UNITS SU	04/29/74-11/06/78	34	7.95	7.938	8.9	6.2	0.328	0.573	7.3	7.5	8.4	8.65
00403	CONVERTED PH, LAB, STANDARD UNITS	04/29/74-11/06/78	34	7.947	7.448	8.9	6.2	0.575	0.758	7.3	7.5	8.4	8.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/74-11/06/78	34	0.011	0.036	0.631	0.001	0.011	0.107	0.002	0.004	0.032	0.05
00480	SALINITY - PARTS PER THOUSAND	09/15/69-09/18/79	45	0.1	0.155	0.25	0.025	0.005	0.068	0.1	0.1	0.2	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/69-06/03/81	49	20.	27.449	124.	1.	712.086	26.685	7.	12.	32.	75.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/74-06/03/81	47	0.03	0.043	0.21	0.01	0.002	0.043	0.01	0.02	0.04	0.102
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	47	0.011	0.011	0.031	0.002	0.	0.006	0.003	0.006	0.013	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	47	0.46	0.566	1.99	0.02	0.227	0.477	0.03	0.17	0.9	1.244
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/74-06/03/81	46	0.41	0.501	1.09	0.12	0.071	0.266	0.191	0.295	0.695	0.938
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/69-06/03/81	51	0.07	0.089	0.25	0.02	0.003	0.052	0.042	0.06	0.11	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/74-04/07/81	47	13.	13.977	37.	0.5	94.802	9.737	1.88	6.	20.	32.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/15/69-06/03/81	29	1500.	5421.931	39000.	23.	84292443.924	9181.092	230.	430.	4300.	23000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/15/69-06/03/81	29	3.176	3.156	4.591	1.362	0.615	0.784	2.362	2.633	3.633	4.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1431.449								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	29	93.	566.552	4300.	4.	1687645.47	1299.094	15.	31.	430.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	29	1.968	2.023	3.633	0.602	0.574	0.757	1.176	1.476	2.633	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			105.449								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/69-06/03/81	45	184.	211.733	1272.	68.	29125.291	170.661	128.	145.	233.	268.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0435

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	49	1	0.02	24	1	0.04	8	0	0.00	17	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	31	0	0.00	8	0	0.00	21	0	0.00			
00400	PH	Other-Hi Lim.	9.	44	8	0.18	24	4	0.17	4	0	0.00	16	4	0.25			
		Other-Lo Lim.	6.5	44	0	0.00	24	0	0.00	4	0	0.00	16	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	34	0	0.00	17	0	0.00	5	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	34	1	0.03	17	0	0.00	5	1	0.20	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	47	0	0.00	26	0	0.00	8	0	0.00	13	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	47	0	0.00	26	0	0.00	8	0	0.00	13	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	29	15	0.52	15	9	0.60	5	1	0.20	9	5	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	29	10	0.34	15	4	0.27	5	1	0.20	9	5	0.56			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/69-06/03/81	30	24.9	24.33	32.	9.	24.22	4.921	17.03	22.15	27.575	29.72
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/74-06/03/81	24	12.5	16.196	74.	3.6	243.587	15.607	4.4	5.95	18.	38.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/69-06/03/81	31	315.	336.097	455.	210.	4987.024	70.619	246.2	275.	410.	430.8
00300	OXYGEN, DISSOLVED MG/L	09/15/69-06/03/81	31	8.5	8.829	11.9	5.9	1.944	1.394	7.4	7.9	10.	10.92
00400	PH (STANDARD UNITS)	09/15/69-06/03/81	24	8.3	8.429	9.7	7.6	0.36	0.6	7.65	8.025	8.675	9.65
00400	CONVERTED PH (STANDARD UNITS)	09/15/69-06/03/81	24	8.3	8.142	9.7	7.6	0.446	0.668	7.65	8.025	8.675	9.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/69-06/03/81	24	0.005	0.007	0.025	0.	0.	0.008	0.	0.002	0.009	0.023
00480	SALINITY - PARTS PER THOUSAND	09/15/69-09/18/79	27	0.2	0.162	0.25	0.025	0.004	0.066	0.1	0.1	0.2	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/69-06/03/81	26	20.5	29.192	124.	6.	867.522	29.454	7.7	13.25	30.5	86.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/74-06/03/81	25	0.03	0.036	0.2	0.01	0.002	0.039	0.01	0.013	0.04	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	26	0.011	0.011	0.031	0.002	0.	0.007	0.003	0.006	0.013	0.021
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	26	0.375	0.417	1.5	0.02	0.164	0.405	0.027	0.055	0.578	1.203
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/74-06/03/81	24	0.45	0.523	1.	0.17	0.071	0.267	0.19	0.33	0.752	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/69-06/03/81	26	0.075	0.089	0.25	0.02	0.003	0.052	0.04	0.058	0.113	0.172
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/74-04/07/81	25	16.	14.356	32.	1.8	60.393	7.771	2.98	8.5	20.5	23.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/15/69-06/03/81	15	2100.	6448.867	39000.	23.	106922143.552	10340.316	147.2	230.	9300.	24600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/15/69-06/03/81	15	3.322	3.213	4.591	1.362	0.792	0.89	1.962	2.362	3.968	4.342
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1631.358								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	15	43.	662.933	4300.	4.	2199305.781	1483.006	10.6	23.	430.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	15	1.633	1.932	3.633	0.602	0.76	0.872	0.946	1.362	2.633	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			85.441								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/69-06/03/81	24	198.	252.833	1272.	104.	50410.841	224.524	129.	167.25	261.	320.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/69-06/03/81	7	8.2	9.6	14.5	5.	13.437	3.666	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/74-06/03/81	8	4.5	11.575	44.	1.6	209.959	14.49	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/69-06/03/81	8	250.	264.	456.	120.	14647.429	121.027	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/69-06/03/81	8	12.	11.65	13.1	9.5	1.62	1.273	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/69-06/03/81	4	8.15	8.175	8.7	7.7	0.209	0.457	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/69-06/03/81	4	8.082	8.016	8.7	7.7	0.243	0.493	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/69-06/03/81	4	0.008	0.01	0.02	0.002	0.	0.008	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/15/69-09/18/79	5	0.2	0.18	0.25	0.1	0.006	0.076	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/69-06/03/81	8	10.	19.	75.	1.	616.286	24.825	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/74-06/03/81	8	0.05	0.073	0.21	0.03	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	8	0.01	0.01	0.019	0.003	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	8	1.15	1.071	1.99	0.03	0.371	0.609	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/74-06/03/81	8	0.655	0.501	0.71	0.12	0.061	0.248	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/69-06/03/81	8	0.075	0.105	0.25	0.03	0.006	0.08	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/74-04/07/81	8	8.	10.063	20.5	2.	60.031	7.748	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/15/69-06/03/81	5	930.	936.6	2300.	93.	706812.8	840.722	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/15/69-06/03/81	5	2.968	2.78	3.362	1.968	0.272	0.522	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			602.739								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	5	43.	126.4	430.	23.	29472.8	171.676	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	5	1.633	1.846	2.633	1.362	0.24	0.49	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.165								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/69-06/03/81	6	190.	187.667	250.	118.	2751.067	52.451	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/69-06/03/81	20	21.35	20.58	26.8	12.5	20.431	4.52	13.91	17.225	24.65	26.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/74-06/03/81	17	12.	14.082	29.	5.9	38.12	6.174	7.58	10.	18.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/69-06/03/81	21	257.	254.048	350.	158.	3272.048	57.202	168.	207.	308.5	335.2
00300	OXYGEN, DISSOLVED MG/L	09/15/69-06/03/81	21	8.7	9.1	11.4	6.8	2.002	1.415	6.94	8.	10.25	11.34
00400	PH (STANDARD UNITS)	09/15/69-06/03/81	16	8.45	8.481	9.9	7.5	0.522	0.722	7.5	7.825	8.95	9.69
00400	CONVERTED PH (STANDARD UNITS)	09/15/69-06/03/81	16	8.447	8.069	9.9	7.5	0.703	0.838	7.5	7.825	8.95	9.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/69-06/03/81	16	0.004	0.009	0.032	0.	0.	0.01	0.	0.001	0.015	0.032
00480	SALINITY - PARTS PER THOUSAND	09/15/69-09/18/79	13	0.1	0.132	0.25	0.06	0.005	0.068	0.076	0.1	0.175	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/69-06/03/81	15	22.	28.933	100.	8.	535.352	23.138	10.4	14.	34.	71.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/74-06/03/81	14	0.035	0.039	0.13	0.01	0.001	0.031	0.01	0.02	0.04	0.105
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	13	0.012	0.011	0.018	0.002	0.	0.004	0.004	0.009	0.014	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/69-06/03/81	13	0.5	0.552	1.1	0.13	0.095	0.308	0.146	0.29	0.76	1.076
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/74-06/03/81	14	0.35	0.463	1.09	0.14	0.083	0.288	0.17	0.29	0.658	1.035
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/69-06/03/81	17	0.07	0.081	0.16	0.04	0.001	0.035	0.048	0.06	0.095	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/74-04/07/81	14	12.25	15.536	37.	0.5	179.313	13.391	0.85	2.375	32.	36.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/15/69-06/03/81	9	1500.	6202.222	23000.	430.	92320194.444	9608.34	430.	430.	13650.	23000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/15/69-06/03/81	9	3.176	3.27	4.362	2.633	0.519	0.721	2.633	2.633	3.998	4.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1861.428								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	9	230.	650.444	4300.	23.	1896818.778	1377.25	23.	59.	430.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/15/69-06/03/81	9	2.362	2.274	3.633	1.362	0.452	0.672	1.362	1.754	2.633	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			187.768								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/69-06/03/81	15	149.	155.6	200.	68.	1216.257	34.875	106.4	138.	194.	198.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0436

NPS Station ID: GWMP0436
LAT/LON: 38.948616/ -77.131115
Agency: 1113MCST
Date Created: / /
Location: LITTLE FALLS DAM
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P09/P09 /009
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003000.00
RF3 Mile Point: 0.11
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/73-08/09/73	3	29.	29.167	30.	28.5	0.583	0.764	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/73-08/09/73	3	7.1	7.5	8.7	6.7	1.12	1.058	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	4.25	4.25	4.6	3.9	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	08/07/73-08/09/73	3	7.6	7.617	7.7	7.55	0.006	0.076	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/07/73-08/09/73	3	7.6	7.612	7.7	7.55	0.006	0.077	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-08/09/73	3	0.025	0.024	0.028	0.02	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/73-08/09/73	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/73-08/09/73	3	0.797	0.81	0.843	0.791	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-08/09/73	3	0.13	0.104	0.18	0.001	0.009	0.092	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/07/73-08/09/73	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/73-08/09/73	3	10.5	10.567	10.8	10.4	0.043	0.208	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/73-08/09/73	3	23.7	23.367	24.2	22.2	1.083	1.041	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/73-08/07/73	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/73-08/07/73	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			490.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/73-08/07/73	1 ##	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/73-08/07/73	1 ##	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/07/73-08/09/73	3	75.	87.	121.5	64.5	920.25	30.336	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/07/73-08/09/73	3	0.37	0.377	0.45	0.31	0.005	0.07	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Other-Hi Lim.	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0437

NPS Station ID: GWMP0437
LAT/LON: 38.948616/ -77.131115
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC R. AT LITTLE FALLS DAM
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D9 /D09 /P09
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 0.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008001400.00
RF3 Mile Point: 0.04
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-11/01/77	15	24.5	20.827	29.	3.	63.259	7.954	7.5	13.2	27.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-06/22/76	17	12.	15.129	40.	1.9	98.657	9.933	4.78	8.25	20.5	32.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-11/01/77	17	8.9	9.035	14.	6.8	3.421	1.85	6.96	7.3	10.	11.68
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-07/18/74	6	3.65	3.517	4.5	2.4	0.686	0.828	**	**	**	**
00400	PH (STANDARD UNITS)	01/16/74-05/20/75	2	7.55	7.55	8.1	7.	0.605	0.778	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/74-05/20/75	2	7.268	7.268	8.1	7.	0.764	0.874	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/74-05/20/75	2	0.054	0.054	0.1	0.008	0.004	0.065	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/22/76	17	0.042	0.049	0.12	0.025	0.001	0.023	0.03	0.035	0.059	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-11/01/77	18	0.571	0.577	0.816	0.43	0.011	0.104	0.45	0.489	0.605	0.792
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	17	0.63	0.662	1.33	0.02	0.186	0.431	0.036	0.36	1.06	1.298
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-11/01/77	18	0.26	0.311	0.59	0.18	0.016	0.126	0.18	0.198	0.42	0.518
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	18	0.03	0.052	0.19	0.009	0.003	0.053	0.01	0.01	0.093	0.127
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-11/01/77	18	5.9	6.933	20.1	2.8	14.391	3.793	3.43	4.925	8.4	10.65
00690	CARBON, TOTAL (MG/L AS C)	01/16/74-11/01/77	17	22.8	23.624	34.6	16.1	22.328	4.725	17.46	20.65	26.85	31.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0437

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	0	0.00	7	0	0.00	2	0	0.00	8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	6	0	0.00	3	0	0.00	8	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	6	0	0.00	3	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0438

NPS Station ID: GWMP0438 LAT/LON: 38.949449/ -77.127781 Agency: 112WRD Date Created: / /
Location: POTOMAC R NR WASH, DC L FALLS PUMP STA FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01646500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070008 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 02070008000703.46 RF3 Mile Point: 10.17 Distance from RF3: 0.05 On/Off RF3:
Description:
ACTIVATION DATE: JULY 1, 1969. SAMPLED BY USGS. FIELD ANALYSIS BY USGS. OTHER COOPERATING AGENCIES: FWPCA. STATION LOCATION: POTOMAC R NEAR WASHINGTON, D. C. NEAREST GAGING STATION: POTOMAC R NEAR WASHINGTON, D.C. ON LEFT BANK JUST ABOVE LITTLE FALLS DAM, 1 3/4 MILES E OF LANGLEY, FAIRFAX COUNTY, VA. 1 MILE UPSTREAM FROM DISTRICT OF COLUMBIA BOUNDARY

Parameter Inventory for Station: GWMP0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/69-07/02/86	9	21.	17.9	28.	0.4	117.645	10.846	0.4	5.85	26.5	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-07/02/86	5	24.	21.2	26.	6.	73.2	8.556	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/06/86-07/02/86	3	763.	760.667	763.	756.	16.333	4.041	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/09/65-08/26/69	5	2470.	3564.4	7000.	937.	8719589.3	2952.895	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/27/75-07/02/86	9	9040.	49672.667	186000.	1743.	6061884070.75	77858.102	1743.	4528.5	109550.	186000.
00065	STAGE, STREAM (FEET)	04/20/83-07/02/86	3	2.86	3.823	5.75	2.86	2.784	1.669	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/83-02/09/83	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/65-07/02/86	11	285.	282.909	417.	3.	14536.691	120.568	40.4	202.	380.	416.
00300	OXYGEN, DISSOLVED MG/L	07/16/69-07/02/86	9	8.3	9.433	14.1	6.6	8.855	2.976	6.6	6.95	12.8	14.1
00400	PH (STANDARD UNITS)	08/09/65-07/02/86	11	8.	8.03	8.5	7.4	0.108	0.329	7.46	7.85	8.27	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/09/65-07/02/86	11	8.	7.914	8.5	7.4	0.123	0.35	7.46	7.85	8.27	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/65-07/02/86	11	0.01	0.012	0.04	0.003	0.	0.01	0.003	0.005	0.014	0.036
00403	PH, LAB, STANDARD UNITS SU	02/09/83-07/02/86	2	7.7	7.7	7.9	7.5	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/09/83-07/02/86	2	7.655	7.655	7.9	7.5	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/83-07/02/86	2	0.022	0.022	0.032	0.013	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/65-07/02/86	6	74.5	74.5	87.	66.	60.3	7.765	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/65-08/19/65	2	100.5	100.5	106.	95.	60.5	7.778	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/17/80-09/17/80	1	17600.	17600.	17600.	17600.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/80-02/04/80	2	0.385	0.385	0.63	0.14	0.12	0.346	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	2	0.215	0.215	0.23	0.2	0.	0.021	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	4	0.045	0.06	0.13	0.02	0.002	0.048	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-02/04/80	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	3	0.01	0.011	0.013	0.01	0.	0.002	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/80-02/04/80	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-02/04/80	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/24/80-07/02/86	3	0.28	0.333	0.5	0.22	0.022	0.147	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/24/80-02/04/80	2	0.175	0.175	0.35	0.	0.061	0.247	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-07/02/86	4	0.565	0.55	0.9	0.17	0.092	0.303	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/24/80-07/02/86	4	1.45	1.175	1.6	0.2	0.429	0.655	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/09/65-08/19/65	2	0.05	0.05	0.07	0.03	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/80-07/02/86	4	0.051	0.06	0.1	0.039	0.001	0.028	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/80-07/02/86	4	0.031	0.029	0.035	0.02	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/83-07/02/86	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/86-07/02/86	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	09/17/80-09/17/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	09/17/80-09/17/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/65-02/09/83	3	116.	112.667	134.	88.	537.333	23.18	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/65-08/19/65	2	41.5	41.5	47.	36.	60.5	7.778	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/65-02/09/83	2	28.5	28.5	31.	26.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/65-02/09/83	2	7.5	7.5	9.4	5.6	7.22	2.687	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/83-02/09/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/09/65-02/09/83	3	1.4	1.167	1.7	0.4	0.463	0.681	**	**	**	**
00932	SODIUM, PERCENT	08/09/65-02/09/83	3	38.	33.333	45.	17.	212.333	14.572	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/09/65-08/19/65	2	40.5	40.5	43.	38.	12.5	3.536	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/83-02/09/83	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/65-02/09/83	3	24.	20.	25.	11.	61.	7.81	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/65-02/09/83	3	90.	70.333	93.	28.	1346.333	36.692	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/83-02/09/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/24/80-07/02/86	4	5.7	5.475	7.3	3.2	3.109	1.763	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/02/86-07/02/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-08/26/69	2	88.5	88.5	110.	67.	924.5	30.406	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-08/26/69	2	1.934	1.934	2.041	1.826	0.023	0.152	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			85.849								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/83-07/02/86	3	50.	91.667	200.	25.	8958.333	94.648	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/83-07/02/86	3	1.699	1.799	2.301	1.398	0.211	0.46	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			62.996								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/83-07/02/86	3	98.	157.333	345.	29.	27604.333	166.146	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/83-07/02/86	3	1.991	1.997	2.538	1.462	0.289	0.538	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			99.345								
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/80-09/17/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/65-02/09/83	3	254.	255.667	274.	239.	308.333	17.559	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/09/83-02/09/83	1	121.	121.	121.	121.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/09/65-08/19/65	2	681.	681.	693.	669.	288.	16.971	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/09/65-08/19/65	2	0.36	0.36	0.37	0.35	0.	0.014	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/27/75-09/27/75	1	95.	95.	95.	95.	0.	0.	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	09/27/75-09/27/75	2	96.	96.	97.	95.	2.	1.414	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	09/27/75-09/27/75	2	98.5	98.5	99.	98.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	09/27/75-09/27/75	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/27/75-09/27/75	1	38.	38.	38.	38.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/27/75-09/27/75	2	48.	48.	52.	44.	32.	5.657	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/27/75-09/27/75	2	67.	67.	68.	66.	2.	1.414	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/27/75-09/27/75	2	82.	82.	85.	79.	18.	4.243	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/27/75-09/27/75	2	89.	89.	91.	87.	8.	2.828	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/27/75-09/27/75	1	94.	94.	94.	94.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	01/24/80-02/04/80	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/24/80-02/04/80	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/65-02/04/80	4	3.25	3.425	7.	0.2	13.549	3.681	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/24/80-02/04/80	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/20/83-04/20/83	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/27/75-09/27/75	2	251.	251.	462.	40.	89042.	298.399	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	09/27/75-09/27/75	2	126050.	126050.	232000.	20100.22450805000.		149835.927	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	09/17/80-09/17/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82188	SIMETONE TOTAL UG/L	04/20/83-04/20/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GWMP0438

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	2	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				2	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00				2	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	0	0.00	2	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00	1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	1	0.33	1	0	0.00				2	1	0.50			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	2	0	0.00	2	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0439

NPS Station ID: GWMP0439
LAT/LON: 38.949449/ -77.127781
Agency: 31POTOMA
Date Created: / /
Location:
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT 1184 /BWQMN 008
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0118.40
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: MID-ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 0.600
Distance from RF1: 14.80
On/Off RF1: OFF
RF3 Index: 02070010007800.69
RF3 Mile Point: 1.96
Distance from RF3: 0.02
On/Off RF3:
Description:
AT GAGING STATION JUST ABOVE LITTLE FALLS DAM USGS-01646500

Parameter Inventory for Station: GWMP0439

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0440

NPS Station ID: GWMP0440
LAT/LON: 38.949449/ -77.127781
Agency: 112WRD
Date Created: 07/27/91
Location: POTOMAC R DUMMY STATION
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646508
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 15.80
On/Off RF1:
RF3 Index: 02070010008001.78
RF3 Mile Point: 5.74
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0440

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/88-08/31/88	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/31/88-08/31/88	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/88-08/31/88	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	08/31/88-08/31/88	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/88-08/31/88	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/88-08/31/88	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/88-08/31/88	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/88-08/31/88	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/88-08/31/88	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0440

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0441

NPS Station ID: GWMP0441 LAT/LON: 38.950559/ -77.205837 Agency: 21VASWCB Date Created: / /
Location: RT. 193 BRIDGE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ASCO000.76 /VA1A08-X0112/VA1A3X0112
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070008 RF1 Mile Point: 0.000 Distance from RF1: 21.70 On/Off RF1:
RF3 Index: 02070010053407.52 RF3 Mile Point: 8.69 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: SCOTT RUN SECTION: 08 TOPO MAP #: 0024 TOPO MAP NAME: FALLS CHURCH, VA

Parameter Inventory for Station: GWMP0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/74-06/11/79	25	13.3	13.204	26.1	0.8	60.906	7.804	2.38	5.3	19.75	24.54
00300	OXYGEN, DISSOLVED MG/L	10/11/74-06/11/79	25	10.4	10.444	13.4	4.8	3.975	1.994	8.28	9.1	11.6	13.4
00400	PH (STANDARD UNITS)	10/11/74-06/11/79	25	7.9	7.952	9.	6.6	0.403	0.635	7.12	7.5	8.4	9.
00400	CONVERTED PH (STANDARD UNITS)	10/11/74-06/11/79	25	7.9	7.539	9.	6.6	0.58	0.762	7.12	7.5	8.4	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/74-06/11/79	25	0.013	0.029	0.251	0.001	0.003	0.052	0.001	0.004	0.032	0.078
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/11/74-06/11/79	25 ##	0.05	0.06	0.2	0.05	0.001	0.032	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/11/74-06/11/79	25 ##	0.005	0.006	0.03	0.005	0.	0.005	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/11/74-04/19/78	12	1.	1.166	3.799	0.6	0.724	0.851	0.63	0.725	1.149	3.019
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/74-06/11/79	25	0.1	0.168	0.5	0.05	0.015	0.122	0.05	0.075	0.25	0.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	13	0.89	0.835	1.4	0.37	0.078	0.279	0.462	0.6	1.	1.32
01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/75-04/11/79	6 ##	1.	1.083	1.5	1.	0.042	0.204	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/75-04/11/79	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/75-04/11/79	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/04/77-04/11/79	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/11/79-04/11/79	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/07/75-04/11/79	6	6.5	6.833	16.	1.	29.367	5.419	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-04/11/79	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/75-04/11/79	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/07/75-04/11/79	6 ##	5.	80.	440.	5.	31140.	176.465	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/11/74-06/11/79	25 ##	50.	232.	2600.	50.	274975.	524.381	50.	50.	200.	540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/11/74-06/11/79	25 ##	1.699	2.	3.415	1.699	0.205	0.452	1.699	1.699	2.301	2.668
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.112								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10/11/74-06/11/79	25 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/11/74-06/11/79	25 ##	0.005	0.014	0.05	0.005	0.	0.017	0.005	0.005	0.01	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	10/07/75-10/25/78	5 ##	0.25	0.23	0.25	0.15	0.002	0.045	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0441

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	25	3	0.12	9	2	0.22	7	0	0.00	9	1	0.11			
		Other-Lo Lim.	6.5	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	25	0	0.00	9	0	0.00	6	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00				3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00				3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	1300.	5	0	0.00	2	0	0.00				3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	15.	6	1	0.17	3	0	0.00				3	1	0.33			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	100.	6	0	0.00	3	0	0.00				3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	1	0.17	3	1	0.33				3	0	0.00			
		Drinking Water	5000.	6	0	0.00	3	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	25	7	0.28	9	1	0.11	7	2	0.29	9	4	0.44			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	2.	5	0	0.00	3	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0442

NPS Station ID: GWMP0442 LAT/LON: 38.950559/ -77.283892 Agency: 21VASWCB Date Created: 04/10/93
Location: ROUTE 702 (FAIRFAX CO) FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AWOT000.92
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070008 RF1 Mile Point: 0.000 Distance from RF1: 10.80 On/Off RF1:
RF3 Index: 02070011007800.16 RF3 Mile Point: 0.15 Distance from RF3: 0.49 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN
RIVER: WOLFTRAP CREEK SECTION: 09 TOPO MAP #: 0023 TOPO MAP NAME: VIENNA, VA - MD

Parameter Inventory for Station: GWMP0442

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	02/10/76-02/10/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/10/76-02/10/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/10/76-02/10/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/76-02/10/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/10/76-02/10/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/76-02/10/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/10/76-02/10/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/10/76-02/10/76	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/76-02/10/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/76-02/10/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/10/76-02/10/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/10/76-02/10/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/10/76-02/10/76	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/10/76-02/10/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/10/76-02/10/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/10/76-02/10/76	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/10/76-02/10/76	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/10/76-02/10/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/10/76-02/10/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/76-02/10/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/76-02/10/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/76-02/10/76	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0442

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0443

NPS Station ID: GWMP0443
LAT/LON: 38.950559/ -77.285004
Agency: 112WRD
Date Created: 10/07/77
Location: WOLFTRAP CREEK NEAR VIENNA, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01645850
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 02070008002904.35
RF3 Mile Point: 4.35
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/05/77-08/05/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0443

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0444

NPS Station ID: GWMP0444
LAT/LON: 38.955281/ -77.180838
Agency: 112WRD
Date Created: / /
Location: DEAD RUN NEAR MCLEAN, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 8.40
On/Off RF1:
RF3 Index: 02070008006800.00
RF3 Mile Point: 1.60
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0444

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/69-05/06/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/69-05/06/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/06/69-05/06/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/69-05/06/69	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/06/69-05/06/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/69-05/06/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/69-05/06/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/69-05/06/69	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/06/69-05/06/69	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/06/69-05/06/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/06/69-05/06/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/06/69-05/06/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/06/69-05/06/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/69-05/06/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/69-05/06/69	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/06/69-05/06/69	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/06/69-05/06/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/06/69-05/06/69	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/06/69-05/06/69	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/06/69-05/06/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/06/69-05/06/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/06/69-05/06/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/69-05/06/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/06/69-05/06/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-05/06/69	1	95.	95.	95.	95.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/69-05/06/69	1	95.	95.	95.	95.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/69-05/06/69	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/69-05/06/69	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/06/69-05/06/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0444

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0445

NPS Station ID: GWMP0445
LAT/LON: 38.957505/ -77.108616
Agency: 112WRD
Date Created: 07/30/76
Location: L FALLS B NR BETHESDA, MD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646550
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 02070008000306.83
RF3 Mile Point: 7.20
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0445

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/74-11/18/77	18	10.5	12.583	25.5	2.	60.331	7.767	2.9	7.125	20.	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/21/74-11/18/77	16	12.25	13.75	34.5	0.	88.533	9.409	2.1	6.75	17.875	29.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/74-11/18/77	18	1.	3.378	39.	0.6	79.445	8.913	0.69	0.875	2.	6.6
00065	STAGE, STREAM (FEET)	10/21/74-11/18/77	18	1.4	1.429	1.91	1.33	0.016	0.125	1.357	1.385	1.425	1.514

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GWMP0446

NPS Station ID: GWMP0446 | LAT/LON: 38.957781/ -77.225560 | Agency: 21VASWCB | Date Created: 04/23/94
Location: ROUTE 644 | FIPS State/County: 51033 VIRGINIA/CAROLINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 8-MAR008.23
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02080106 | Depth of Water: 0 | Aquifer:
Major Basin: 02-NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: 8-YORK | ECO Region:
RF1 Index: 02080106 | RF1 Mile Point: 0.000 | Distance from RF1: 10.80 | On/Off RF1:
RF3 Index: 02070011007800.16 | RF3 Mile Point: 0.15 | Distance from RF3: 0.49 | On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 8- YORK REGION: 3 NORTHERN
RIVER: MARACOSSIC CREEK SECTION: 030 TOPO MAP #: 0041 TOPO MAP NAME: SPARTA, VA

Parameter Inventory for Station: GWMP0446

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/75-04/30/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/75-04/30/75	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/75-04/30/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/30/75-04/30/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/30/75-04/30/75	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/75-04/30/75	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/75-04/30/75	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/30/75-04/30/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/75-04/30/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/75-04/30/75	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/75-04/30/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/30/75-04/30/75	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/75-04/30/75	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/75-04/30/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/75-04/30/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/75-04/30/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/75-04/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/75-04/30/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/75-04/30/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/75-04/30/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/75-04/30/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/75-04/30/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/75-04/30/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/30/75-04/30/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/75-04/30/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/75-04/30/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/75-04/30/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0446

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0447

NPS Station ID: GWMP0447
LAT/LON: 38.958892/ -77.205837
Agency: 112WRD
Date Created: / /
Location: SCOTT RUN NEAR MCLEAN, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 26.60
On/Off RF1:
RF3 Index: 02070008022301.42
RF3 Mile Point: 4.17
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0447

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/69-08/05/77	2	19.75	19.75	22.5	17.	15.125	3.889	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/04/69-05/04/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/04/69-08/05/77	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/69-08/05/77	2	153.5	153.5	190.	117.	2664.5	51.619	**	**	**	**
00400	PH (STANDARD UNITS)	05/04/69-05/04/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/04/69-05/04/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/04/69-05/04/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/69-08/05/77	2	36.5	36.5	39.	34.	12.5	3.536	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/04/69-08/05/77	2	45.	45.	48.	42.	18.	4.243	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/04/69-05/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/04/69-05/04/69	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/69-08/05/77	2	54.5	54.5	68.	41.	364.5	19.092	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/04/69-08/05/77	2	17.5	17.5	29.	6.	264.5	16.263	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/69-08/05/77	2	14.5	14.5	18.	11.	24.5	4.95	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/69-08/05/77	2	4.55	4.55	5.6	3.5	2.205	1.485	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/69-08/05/77	2	7.65	7.65	9.1	6.2	4.205	2.051	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/04/69-08/05/77	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	05/04/69-08/05/77	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/69-08/05/77	2	2.05	2.05	2.5	1.6	0.405	0.636	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/69-08/05/77	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/04/69-08/05/77	2	10.5	10.5	16.	5.	60.5	7.778	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/69-08/05/77	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/69-08/05/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/04/69-08/05/77	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/69-08/05/77	2	102.	102.	127.	77.	1250.	35.355	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/04/69-08/05/77	2	89.5	89.5	105.	74.	480.5	21.92	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/04/69-08/05/77	2	0.44	0.44	0.56	0.32	0.029	0.17	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/04/69-08/05/77	2	0.135	0.135	0.17	0.1	0.002	0.049	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/04/69-08/05/77	2	2.8	2.8	3.5	2.1	0.98	0.99	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0447

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0448

NPS Station ID: GWMP0448
LAT/LON: 38.960781/ -77.300671
Agency: 31GMU
Date Created: 07/25/87
Location: COLVIN RUN AT U.S. ROUTE 7
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): DIFFICULT-11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id: COLVIN RUN
Minor Basin: POTOMAC RIVER
ECO Region: 64G
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 02070008022500.00
RF3 Mile Point: 0.41
Distance from RF3: 0.22
On/Off RF3:
Description:
BIOLOGICAL SAMPLING TO DETERMINE IMPACT OF WATERSHED URBANIZATION ON STREAM INSECT COMMUNITIES
STUDY SITE OF DEPARTMENT OF BIOLOGY AT GEORGE MASON UNIVERSITY

Parameter Inventory for Station: GWMP0448

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0449

NPS Station ID: GWMP0449
LAT/LON: 38.960781/ -77.300671
Agency: 11TRAIN
Date Created: 12/27/88
Location: COLVIN RUN AT U.S. ROUTE 7
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): DIFFICULT-11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id: COLVIN RUN
Minor Basin: POTOMAC RIVER
ECO Region: 64G
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 02070008022500.00
RF3 Mile Point: 0.41
Distance from RF3: 0.22
On/Off RF3:
Description:
BIOLOGICAL SAMPLING TO DETERMINE IMPACT OF WATERSHED URBANIZATION ON STREAM INSECT COMMUNITIES
STUDY SITE OF DEPARTMENT OF BIOLOGY AT GEORGE MASON UNIVERSITY

Parameter Inventory for Station: GWMP0449

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0450

NPS Station ID: GWMP0450
LAT/LON: 38.962226/ -77.104171
Agency: 21MDMONT
Date Created: / /
Location: WILLET BR BELOW RIVER ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30160 /WIB-000.15
RMI-Indexes: 0214001 002720 00070
Within Park Boundary: No
RMI-Miles: 0115.42 0002.20 000.15
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 29.10
On/Off RF1:
RF3 Index: 02070008003404.76
RF3 Mile Point: 5.18
Distance from RF3: 0.08
On/Off RF3:
Description:
STATION ESTABLISHED ON WILLETT BRANCH BELOW RIVER ROAD ONE THOUSAND FEET BELOW RIVER ROAD. ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	149	13.	13.114	31.	-1.	58.048	7.619	3.	7.5	19.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	150	14.	13.733	34.	-4.	71.74	8.47	5.1	-1.	20.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	153	25.	42.32	100.	0.	1869.088	43.233	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	69	5.	9.572	63.	0.	133.156	11.539	1.	3.	12.	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	36	5.75	13.55	80.	0.9	370.251	19.242	1.95	2.85	19.	40.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/77-10/05/77	1	660.	660.	660.	660.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	147	11.2	11.14	16.	6.4	3.76	1.939	8.76	9.8	12.4	13.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	79	98.1	101.163	152.4	55.2	474.72	21.788	77.8	85.6	112.9	134.1
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	105	4.6	5.884	42.8	0.	31.961	5.653	1.6	2.6	7.15	12.86
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	140	7.5	7.705	10.1	6.2	0.605	0.778	6.81	7.1	8.375	8.8
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	140	7.5	7.257	10.1	6.2	0.807	0.899	6.81	7.1	8.375	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	140	0.032	0.055	0.631	0.	0.006	0.077	0.002	0.004	0.079	0.155
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	106	7.4	7.475	8.9	6.1	0.19	0.436	7.	7.2	7.625	8.03
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	106	7.4	7.28	8.9	6.1	0.229	0.478	7.	7.2	7.625	8.03
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	106	0.04	0.052	0.794	0.001	0.006	0.08	0.009	0.024	0.063	0.1
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	53	310.	319.472	688.	119.	7512.677	86.676	241.4	272.	351.5	419.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	106	2.27	2.281	5.88	0.2	1.324	1.151	0.9	1.525	2.828	3.711
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	100	0.39	0.622	3.3	0.04	0.437	0.661	0.102	0.203	0.745	1.371
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/77-10/05/77	1	77.	77.	77.	77.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-12/09/80	12	16650.	52916.667	240000.	4600.	7790866969.697	88265.888	4600.	4600.	40500.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/80-12/09/80	12	4.174	4.263	5.38	3.663	0.392	0.626	3.663	3.663	4.592	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18308.423								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	94	24000.	79346.383	1100000.	230.3000	1738274.949	173210.099	4300.	9300.	46000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	94	4.38	4.392	6.041	2.362	0.453	0.673	3.633	3.968	4.663	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			24657.605								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	94	4300.	40664.894	1100000.	150.1875	0165691.924	136931.244	590.	1950.	15000.	78000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	94	3.633	3.73	6.041	2.176	0.618	0.786	2.754	3.286	4.176	4.852
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5370.982								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	12	680.	8224.167	46000.	150.	223603153.788	14953.366	174.	280.	18232.5	39400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	12	2.801	3.094	4.663	2.176	0.761	0.872	2.232	2.43	4.027	4.578
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1241.791								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/15/80-12/09/80	6	0.5	0.668	1.21	0.35	0.122	0.35	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0450

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	12	0	0.00	14	2	0.14	10	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	147	0	0.00	46	0	0.00	60	0	0.00	41	0	0.00			
00400	PH	Other-Hi Lim.	9.	140	10	0.07	40	4	0.10	60	0	0.00	40	6	0.15			
		Other-Lo Lim.	6.5	140	2	0.01	40	0	0.00	60	2	0.03	40	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	106	0	0.00	34	0	0.00	44	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	106	1	0.01	34	0	0.00	44	0	0.00	28	1	0.04			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	106	0	0.00	34	0	0.00	44	0	0.00	28	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	12	1.00	4	4	1.00	5	5	1.00	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	94	91	0.97	30	29	0.97	39	39	1.00	25	23	0.92			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	94	93	0.99	30	30	1.00	39	39	1.00	25	24	0.96			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	11	0.92	4	4	1.00	5	4	0.80	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	49	16.	16.102	31.	1.	67.51	8.216	5.	8.	23.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	49	17.	15.796	29.	-3.	73.416	8.568	5.	10.	24.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	49	25.	36.224	100.	0.	1824.511	42.714	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	49	11.	11.214	15.4	9.4	1.66	1.288	9.6	10.2	11.9	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	31	110.8	110.984	152.4	74.4	620.533	24.91	79.72	87.6	134.1	146.06
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	47	8.5	8.33	10.1	6.9	0.61	0.781	7.2	7.7	8.9	9.3
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	47	8.5	7.774	10.1	6.9	0.925	0.962	7.2	7.7	8.9	9.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	47	0.003	0.017	0.126	0.	0.001	0.027	0.001	0.001	0.02	0.063
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	1	290000.	290000.	290000.	290000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	1	5.462	5.462	5.462	5.462	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			290000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			9300.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	22	11.5	11.545	24.	0.	51.974	7.209	1.3	5.75	17.25	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	22	12.5	11.818	25.	-4.	79.108	8.894	4.3	6.75	20.25	23.7
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	24	50.	50.	100.	0.	1793.478	42.349	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	22	11.45	11.345	16.	7.4	4.884	2.21	8.23	9.375	12.875	14.5
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	24	5.4	6.883	42.8	0.5	68.402	8.271	1.45	2.925	8.525	11.6
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.6	7.559	8.4	6.8	0.168	0.409	7.04	7.25	7.9	8.16
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.6	7.394	8.4	6.8	0.196	0.443	7.04	7.25	7.9	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	17	0.025	0.04	0.158	0.004	0.001	0.038	0.007	0.013	0.057	0.095
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	24	7.4	7.462	8.4	6.9	0.148	0.384	7.05	7.2	7.6	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	24	7.4	7.339	8.4	6.9	0.163	0.404	7.05	7.2	7.6	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	24	0.04	0.046	0.126	0.004	0.001	0.031	0.007	0.025	0.063	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	24	2.2	2.289	3.37	1.39	0.312	0.559	1.515	1.863	2.815	3.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	24	0.71	0.93	3.3	0.26	0.449	0.67	0.355	0.515	1.088	1.925
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	23000.	35325.	150000.	4300.	1139626304.348	33758.352	9300.	10725.	43000.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	4.362	4.394	5.176	3.633	0.14	0.374	3.968	4.02	4.633	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			24786.016								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	4300.	7487.083	43000.	230.	75542551.993	8691.522	680.	2150.	9300.	15000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	3.633	3.638	4.633	2.362	0.269	0.518	2.801	3.332	3.968	4.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4340.685								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	20	13.	14.	24.	2.	45.789	6.767	6.1	8.25	19.75	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	20	16.	14.5	25.	1.	58.579	7.654	3.2	8.	21.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	20	75.	55.	100.	0.	1750.	41.833	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	19	10.3	10.932	14.	7.	4.38	2.093	7.9	9.3	12.8	14.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	20	5.1	6.15	15.5	0.	18.457	4.296	1.91	3.15	7.175	14.72
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.1	7.1	7.4	6.6	0.049	0.221	6.68	7.	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.1	7.041	7.4	6.6	0.052	0.229	6.68	7.	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	17	0.079	0.091	0.251	0.04	0.003	0.056	0.04	0.05	0.1	0.21
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	20	7.45	7.51	8.6	7.1	0.128	0.358	7.11	7.3	7.75	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	20	7.447	7.409	8.6	7.1	0.139	0.373	7.11	7.3	7.75	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	20	0.036	0.039	0.079	0.003	0.	0.022	0.013	0.018	0.05	0.078
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	20	2.665	2.824	5.88	0.97	1.241	1.114	1.607	2.005	3.443	4.338
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	20	0.35	0.634	3.2	0.09	0.72	0.849	0.102	0.165	0.638	2.653
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	20	24000.	120955.	1100000.	2300.	6652147313	1.579	257917.57	4300.	9300.	94000.	438000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	20	4.38	4.453	6.041	3.362	0.535	0.731	3.633	3.968	4.947	5.635
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			28371.766								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	20	4300.	59266.	460000.	430.	1941672655	1.579	139343.915	480.	1700.	24000.	425000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	20	3.633	3.86	5.663	2.633	0.813	0.902	2.667	3.223	4.38	5.601
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7248.194								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	9.5	10.5	21.	4.	32.571	5.707	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	11.5	11.375	20.	4.	31.411	5.605	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	37.5	43.75	100.	0.	1919.643	43.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	8	12.4	12.863	15.2	11.6	1.74	1.319	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	8	5.8	7.263	16.6	4.7	15.517	3.939	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	6.8	6.838	7.1	6.6	0.026	0.16	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	6.8	6.813	7.1	6.6	0.026	0.162	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.158	0.154	0.251	0.079	0.003	0.055	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	8	7.5	7.7	8.9	7.4	0.263	0.513	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	8	7.5	7.557	8.9	7.4	0.286	0.535	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	8	0.032	0.028	0.04	0.001	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	8	2.945	3.124	5.66	1.89	1.418	1.191	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	0.815	0.856	1.48	0.29	0.202	0.449	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	9300.	21587.5	93000.	2300.	8969783	92.857	29949.598	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	3.968	4.065	4.968	3.362	0.248	0.498	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			11606.618								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	3300.	4123.75	15000.	360.	2185171	2.5	4674.582	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	3.498	3.392	4.176	2.556	0.245	0.495	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2468.241								

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Annual Analysis for 1976 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	14.5	13.75	22.	1.	41.071	6.409	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	13.	14.125	25.	-1.	59.839	7.736	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	12.5	37.5	100.	0.	2142.857	46.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	8	10.5	11.1	16.	8.6	5.869	2.423	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	8	105.05	103.238	118.2	84.3	161.466	12.707	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	8	2.4	2.5	3.7	1.6	0.6	0.775	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.	7.063	7.5	6.5	0.123	0.35	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.	6.942	7.5	6.5	0.139	0.373	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.1	0.114	0.316	0.032	0.009	0.093	**	**	**	**

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Annual Analysis for 1976 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	8	7.45	7.525	8.2	7.3	0.079	0.282	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	8	7.447	7.471	8.2	7.3	0.083	0.288	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	8	0.036	0.034	0.05	0.006	0.	0.013	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	8	241.5	236.125	374.	119.	5989.839	77.394	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	8	1.73	2.125	5.22	0.53	2.096	1.448	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	0.205	0.198	0.41	0.04	0.014	0.117	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	19500.	56816.25	240000.	930.	6709450683.929	81911.237	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	4.278	4.318	5.38	2.968	0.551	0.743	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			20809.619								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	4100.	6053.75	21000.	930.	42630255.357	6529.185	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	3.612	3.607	4.322	2.968	0.166	0.408	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4049.4								

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Annual Analysis for 1977 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	7	9.	7.857	23.	-1.	63.143	7.946	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	4.	11.25	27.	-2.	79.357	8.908	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	25.	34.375	100.	0.	1417.411	37.649	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	7	10.2	10.	12.4	7.1	4.343	2.084	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	7	84.9	82.257	96.6	59.2	142.133	11.922	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	9	8.	8.989	16.	3.4	16.471	4.058	3.4	6.1	12.5	16.
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.1	7.388	8.4	6.7	0.43	0.656	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.089	7.092	8.4	6.7	0.53	0.728	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.082	0.081	0.2	0.004	0.005	0.073	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	9	7.2	7.178	8.	6.7	0.129	0.36	6.7	6.95	7.25	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	9	7.2	7.077	8.	6.7	0.141	0.375	6.7	6.95	7.25	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	9	0.063	0.084	0.2	0.01	0.003	0.054	0.01	0.057	0.113	0.2
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	9	310.	334.444	496.	224.	8492.028	92.152	224.	259.	415.5	496.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	9	1.3	1.518	4.16	0.2	1.795	1.34	0.2	0.35	2.4	4.16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	9	0.65	1.034	2.32	0.19	0.838	0.915	0.19	0.265	2.14	2.32
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	9	39000.	214777.778	1100000.	11000.121331694444.445		348326.994	11000.	19500.	240000.	1100000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	9	4.591	4.861	6.041	4.041	0.485	0.696	4.041	4.278	5.38	6.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			72647.712								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	9	15000.	206111.111	1100000.	2300.125104928611.111		353701.751	2300.	3350.	240000.	1100000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	9	4.176	4.531	6.041	3.362	1.038	1.019	3.362	3.507	5.38	6.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			33927.076								

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Annual Analysis for 1978 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	11.5	11.583	23.	0.	67.72	8.229	0.3	4.	20.25	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	5.5	13.333	34.	-2.	128.424	11.332	7.3	8.	23.5	32.2
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	12	12.5	43.75	100.	0.	2514.205	50.142	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	11	11.8	10.918	13.8	6.8	6.634	2.576	6.88	8.6	13.2	13.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	11	94.4	96.127	126.9	57.	491.56	22.171	59.8	84.9	122.1	126.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	12	2.45	2.9	5.1	1.5	1.611	1.269	1.53	1.7	3.875	4.95
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	12	7.25	7.433	9.1	6.2	0.517	0.719	6.44	7.125	7.725	8.86
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	12	7.247	7.017	9.1	6.2	0.706	0.84	6.44	7.125	7.725	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	12	0.057	0.096	0.631	0.001	0.029	0.171	0.002	0.02	0.075	0.472
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	12	7.15	7.467	8.9	7.	0.43	0.656	7.	7.	8.1	8.72

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Annual Analysis for 1978 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	12	7.147	7.217	8.9	7.	0.498	0.705	7.	7.	8.1	8.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	12	0.071	0.061	0.1	0.001	0.002	0.04	0.002	0.012	0.1	0.1
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	12	319.5	344.75	688.	257.	12392.75	111.323	261.5	307.25	335.25	586.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	12	1.3	2.025	5.4	0.4	2.648	1.627	0.46	0.825	3.025	5.13
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	12	0.22	0.293	0.67	0.09	0.031	0.175	0.099	0.158	0.418	0.616
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	19500.	41408.333	240000.	700.	4840113560.606	69570.925	1180.	2800.	40500.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	4.278	4.103	5.38	2.845	0.562	0.75	3.	3.43	4.592	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12677.923								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	2200.	5538.333	24000.	150.	76212469.697	8729.975	234.	787.5	4300.	24000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	3.342	3.307	4.38	2.176	0.426	0.652	2.313	2.895	3.633	4.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2026.275								

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Annual Analysis for 1979 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	11.	11.083	20.	-1.	43.72	6.612	4.3	4.25	17.75	19.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	13.5	12.667	24.	-2.	62.242	7.889	2.4	1.	19.5	22.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	12	62.5	52.083	100.	0.	2324.811	48.216	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	12	11.4	10.8	13.2	7.8	2.918	1.708	8.1	9.175	12.175	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	12	94.1	96.417	111.5	82.9	96.589	9.828	83.47	88.3	107.4	110.45
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	11	4.	5.382	16.	1.1	18.934	4.351	1.2	2.4	7.	14.74
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.5	7.591	8.6	6.7	0.315	0.561	6.76	7.3	7.7	8.58
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.5	7.323	8.6	6.7	0.394	0.628	6.76	7.3	7.7	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	11	0.032	0.048	0.2	0.003	0.003	0.057	0.003	0.02	0.05	0.18
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	12	7.4	7.267	7.9	6.1	0.206	0.454	6.37	7.1	7.5	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	12	7.4	6.95	7.9	6.1	0.316	0.562	6.37	7.1	7.5	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	12	0.04	0.112	0.794	0.013	0.047	0.217	0.015	0.032	0.079	0.586
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	12	301.	305.583	377.	266.	1134.265	33.679	268.4	278.5	328.25	369.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	12	2.3	2.3	4.3	0.9	0.835	0.914	1.05	1.65	2.775	4.03
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	12	0.28	0.387	1.19	0.07	0.139	0.373	0.07	0.178	0.363	1.172
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	24000.	70377.5	240000.	230.	7575584802.273	87037.835	851.	23000.	110000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	4.38	4.401	5.38	2.362	0.726	0.852	2.662	4.362	5.041	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			25171.766								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	9300.	37109.167	240000.	230.	5007547790.152	70764.029	269.	910.	24000.	201000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	3.968	3.808	5.38	2.362	0.939	0.969	2.42	2.959	4.38	5.279
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6428.165								

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Annual Analysis for 1980 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	10.	10.	20.	1.	32.6	5.71	1.	7.	13.	19.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	12.	11.818	20.	-3.	64.764	8.048	1.6	-3.	20.	20.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	12	0.	27.083	100.	0.	1756.629	41.912	0.	0.	68.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	11	10.8	10.855	14.6	6.4	7.251	2.693	6.66	8.3	13.8	14.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	10	98.6	93.53	119.7	55.2	421.42	20.529	56.32	75.325	109.55	118.82
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	12	2.9	5.342	27.	0.8	52.041	7.214	0.86	1.45	7.025	21.24
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	12	7.7	7.917	8.5	7.2	0.282	0.531	7.26	7.5	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	12	7.7	7.675	8.5	7.2	0.345	0.587	7.26	7.5	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	12	0.02	0.021	0.063	0.003	0.	0.019	0.003	0.003	0.032	0.056
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	12	7.75	7.708	8.3	7.	0.119	0.345	7.12	7.45	7.9	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	12	7.747	7.575	8.3	7.	0.139	0.372	7.12	7.45	7.9	8.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	12	0.018	0.027	0.1	0.005	0.001	0.026	0.006	0.013	0.036	0.082
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	12	339.	352.417	484.	271.	4672.629	68.357	272.5	288.75	411.	470.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	12	1.75	1.858	3.6	1.	0.717	0.847	1.	1.1	2.4	3.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	6	0.125	0.127	0.2	0.05	0.004	0.063	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	47	20.	19.404	31.	6.	30.55	5.527	11.6	15.	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	48	21.	20.417	34.	6.	34.035	5.834	11.7	17.	24.	27.1
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	50	0.	32.5	100.	0.	1588.01	39.85	0.	0.	75.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	21	3.	5.333	33.	0.	51.408	7.17	0.5	1.5	6.75	12.9
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	46	9.9	9.861	14.9	6.8	2.707	1.645	7.34	8.975	11.	11.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	21	98.9	103.986	152.4	57.	830.202	28.813	61.56	82.95	131.75	145.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	34	3.6	4.797	14.	1.	11.877	3.446	1.4	2.175	6.55	10.15
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	40	7.7	7.915	9.8	6.9	0.644	0.802	7.	7.2	8.675	9.17
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	40	7.7	7.459	9.8	6.9	0.857	0.926	7.	7.2	8.675	9.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	40	0.02	0.035	0.126	0.	0.001	0.037	0.001	0.002	0.063	0.1
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	34	7.5	7.471	8.3	6.7	0.132	0.363	7.05	7.175	7.7	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	34	7.5	7.333	8.3	6.7	0.151	0.389	7.05	7.175	7.7	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	34	0.032	0.046	0.2	0.005	0.002	0.04	0.01	0.02	0.067	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	34	1.845	1.808	5.22	0.2	0.996	0.998	0.4	1.075	2.393	2.82
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	30	0.4	0.617	2.32	0.04	0.373	0.611	0.105	0.248	0.69	1.881
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	30	24000.	95991.	1100000.	930.	41905746292.069	204708.931	4800.	13575.	110000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	30	4.38	4.516	6.041	2.968	0.403	0.634	3.667	4.124	5.041	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			32835.298								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	30	4300.	60501.333	1100000.	230.	42091391963.678	205161.868	430.	930.	24000.	220600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	30	3.633	3.749	6.041	2.362	0.792	0.89	2.633	2.968	4.38	5.308
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5613.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	60	7.	5.967	13.	-1.	13.897	3.728	1.	3.	9.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	60	-1.	6.167	18.	-4.	30.955	5.564	3.1	6.	10.	13.9
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	61	75.	53.689	100.	0.	1913.251	43.741	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	30	9.	14.117	63.	2.	214.546	14.647	3.	4.	21.5	33.2
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	60	12.	11.895	16.	6.4	2.722	1.65	10.11	11.2	12.8	13.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	30	87.65	88.64	112.6	55.2	149.532	12.228	74.68	82.	96.8	107.34
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	43	5.8	7.477	42.8	0.	56.237	7.499	1.6	3.	8.4	15.52
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	60	7.3	7.388	8.6	6.2	0.289	0.538	6.71	7.	7.675	8.19
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	60	7.3	7.116	8.6	6.2	0.365	0.604	6.71	7.	7.675	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	60	0.05	0.077	0.631	0.003	0.009	0.097	0.006	0.021	0.1	0.195
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	44	7.3	7.359	8.4	6.9	0.094	0.307	7.	7.1	7.5	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	44	7.3	7.273	8.4	6.9	0.102	0.319	7.	7.1	7.5	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	44	0.05	0.053	0.126	0.004	0.001	0.03	0.016	0.032	0.079	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	44	2.8	2.715	5.88	0.5	1.274	1.129	1.035	1.925	3.398	4.23
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	42	0.415	0.653	3.2	0.05	0.462	0.68	0.126	0.238	0.89	1.423
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	39	23000.	76125.641	1100000.	2300.	37287214588.394	193098.976	2300.	9300.	24000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	39	4.362	4.298	6.041	3.362	0.405	0.637	3.362	3.968	4.38	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			19849.615								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	39	4300.	38698.974	460000.	430.	11537852088.394	107414.394	910.	2300.	11000.	110000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	39	3.633	3.79	5.663	2.633	0.519	0.721	2.959	3.362	4.041	5.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6166.462								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	42	16.	16.286	29.	6.	24.843	4.984	10.3	13.	20.25	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	42	17.	16.905	27.	4.	30.771	5.547	11.	13.	21.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	42	25.	37.5	100.	0.	1897.866	43.565	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	18	3.75	6.944	22.	1.	40.203	6.341	1.	2.	10.25	19.3
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	41	11.4	11.471	16.	8.6	3.816	1.953	9.08	9.9	12.8	14.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	28	111.3	112.464	152.4	84.9	282.944	16.821	90.7	98.825	121.5	144.33
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	28	3.55	4.757	16.6	0.8	14.268	3.777	1.55	2.525	6.05	9.38
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	40	7.75	7.97	10.1	6.6	0.804	0.897	6.81	7.2	8.775	9.19
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	40	7.747	7.355	10.1	6.6	1.192	1.092	6.81	7.2	8.775	9.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	40	0.018	0.044	0.251	0.	0.004	0.064	0.001	0.002	0.063	0.155
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	28	7.5	7.664	8.9	6.1	0.371	0.609	7.1	7.325	8.125	8.63
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	28	7.5	7.234	8.9	6.1	0.563	0.75	7.1	7.325	8.125	8.63
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	28	0.032	0.058	0.794	0.001	0.021	0.146	0.002	0.008	0.048	0.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	28	2.04	2.173	5.66	0.53	1.302	1.141	0.9	1.483	2.573	3.33
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	28	0.305	0.582	3.3	0.07	0.497	0.705	0.088	0.153	0.763	1.437
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	25	24000.	64397.2	240000.	230.	5986585779.333	77373.03	1660.	9300.	101500.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	25	4.38	4.39	5.38	2.362	0.593	0.77	3.155	3.968	5.005	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			24526.352								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	25	4300.	19928.	240000.	150.	2582122300.	50814.587	308.	1750.	12150.	58400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	25	3.633	3.613	5.38	2.176	0.594	0.771	2.478	3.22	4.072	4.645
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4106.585								

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Station Inventory for Station: GWMP0451

NPS Station ID: GWMP0451 LAT/LON: 38.962504/ -77.093337 Agency: 21MDMONT Date Created: 02/05/83
Location: GLEN COVE BCH & LTL FALLS BCH NILLARD AVE. 38H9 FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 30190
RMI-Indexes: 0214001 002720 00060 Within Park Boundary: No
RMI-Miles: 0115.42 0003.56 000.02
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070008 RF1 Mile Point: 0.000 Distance from RF1: 15.20 On/Off RF1:
RF3 Index: 02070010066400.00 RF3 Mile Point: 0.45 Distance from RF3: 0.25 On/Off RF3:
Description:
THIS STATION ESTABLISHED JAN 1983- MONITORING LOCATION IS UP STREAM FROM CONFLUENCE WITH LITTLE FALLS BRANCH APPROXIMATELY 50 FEET AND DOWN STREAM FROM WILLARD AVE. APPROXIMATELY 20 FEET. THIS LOCATION IS DOWN STREAM FROM THE STORM DRAIN OUTFALL FOR A HIGH RESIDENTIAL. HIGHLY IMPERYIOUS AREA. GLEN COVE BRANCH IS CONTAINED WITHIN THIS STORM DRAIN

Parameter Inventory for Station: GWMP0451

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/83-11/07/84	20	16.1	15.765	23.5	4.	30.306	5.505	8.07	11.2	20.725	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/10/83-11/07/84	18	15.9	15.028	28.	0.2	86.394	9.295	0.47	5.925	24.325	25.75
00032	CLOUD COVER (PERCENT)	02/10/83-11/07/84	21	75.	55.952	100.	0.	1681.548	41.007	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/84-11/07/84	2	610.	610.	625.	595.	450.	21.213	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/10/83-11/07/84	20	8.4	8.56	11.9	5.2	3.737	1.933	5.47	7.25	9.95	11.74
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/83-11/07/84	20	84.2	84.425	109.	52.9	220.193	14.839	60.5	76.35	94.275	107.1
00400	PH (STANDARD UNITS)	02/10/83-11/07/84	19	7.4	7.563	9.	7.2	0.2	0.447	7.2	7.3	7.6	8.4
00400	CONVERTED PH (STANDARD UNITS)	02/10/83-11/07/84	19	7.4	7.441	9.	7.2	0.216	0.465	7.2	7.3	7.6	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/83-11/07/84	19	0.04	0.036	0.063	0.001	0.	0.019	0.004	0.025	0.05	0.063
00500	RESIDUE, TOTAL (MG/L)	12/08/83-03/08/84	2	442.	442.	460.	424.	648.	25.456	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/83-11/07/84	14	12.5	23.179	93.	0.5	951.446	30.846	1.25	2.75	27.5	91.5
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	03/17/83-01/12/84	7	5.2	8.529	34.2	0.1	134.516	11.598	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/13/83-10/18/85	13	4.3	5.608	32.6	0.1	70.747	8.411	0.22	1.3	5.5	22.44
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/85-10/18/85	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/85-10/18/85	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2400.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1100.								
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/18/85-10/18/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/84-02/09/84	1	410.	410.	410.	410.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0451

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	6	0	0.00	8	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	19	1	0.05	6	0	0.00	7	1	0.14	6	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	6	0	0.00	7	0	0.00	6	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE E	Drinking Water	10000.	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0452

NPS Station ID: GWMP0452
LAT/LON: 38.965559/ -77.310004
Agency: 112WRD
Date Created: 10/07/77
Location: COLVIN RUN AT RESTON, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01645900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 4.10
On/Off RF1:
RF3 Index: 02070008022600.00
RF3 Mile Point: 0.66
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0452

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/77-08/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/77-08/05/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/77-08/05/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/77-08/05/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/77-08/05/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/77-08/05/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/77-08/05/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/77-08/05/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/05/77-08/05/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/05/77-08/05/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/77-08/05/77	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/77-08/05/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/77-08/05/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/77-08/05/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/77-08/05/77	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	1	66.	66.	66.	66.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/77-08/05/77	1	57.	57.	57.	57.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/77-08/05/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/77-08/05/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/77-08/05/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0452

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0453

NPS Station ID: GWMP0453 | LAT/LON: 38.965838/ -77.094726 | Agency: 21MDMONT | Date Created: 02/05/83
Location: LITTLE FALLS BRANCH AT WISCONSIN AVE. 38J9 | FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 30200
RMI-Indexes: 0214001 002720 | Within Park Boundary: No
RMI-Miles: 0115.42 0003.64
HUC: 02070008 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070008 | RF1 Mile Point: 0.000 | Distance from RF1: 22.90 | On/Off RF1:
RF3 Index: 02070008077801.95 | RF3 Mile Point: 3.67 | Distance from RF3: 0.09 | On/Off RF3:
Description:
THIS STATION ESTABLISHED JAN 1983. THE SAMPLE LOCATION IS APPROXIMATELY TEN FEET DOWN STREAM FROM WISCONSIN AVE. WHERE LITTLE FALS BRANCH SURFACES AFTER BEING CONFINED TO STERM DRAIN PIPING. THIS HAS BEEN A SOURCE OF NUMEROUS COMPLAINTS OVER THE PAST TEN YEARS (+).

Parameter Inventory for Station: GWMP0453

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/83-11/07/84	21	14.	12.871	17.	3.3	17.374	4.168	5.	10.7	16.5	16.96
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/10/83-11/07/84	19	16.	15.247	31.8	0.2	89.327	9.451	0.5	6.3	24.3	25.5
00032	CLOUD COVER (PERCENT)	02/10/83-11/07/84	22	75.	53.864	100.	0.	1697.457	41.2	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/84-11/07/84	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/10/83-11/07/84	21	10.2	10.433	12.8	8.8	1.456	1.207	9.1	9.4	11.3	12.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/83-11/07/84	21	96.2	97.333	123.1	81.5	74.512	8.632	88.08	93.35	99.5	109.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/85-10/18/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/83-11/07/84	19	7.7	7.663	8.4	7.1	0.125	0.353	7.1	7.5	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	02/10/83-11/07/84	19	7.7	7.532	8.4	7.1	0.143	0.378	7.1	7.5	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/83-11/07/84	19	0.02	0.029	0.079	0.004	0.001	0.024	0.008	0.013	0.032	0.079
00500	RESIDUE, TOTAL (MG/L)	12/08/83-03/08/84	2	545.	545.	590.	500.	4050.	63.64	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/83-11/07/84	14 ##	2.	2.875	16.	0.25	16.142	4.018	0.375	0.875	2.	11.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	03/17/83-01/12/84	7 ##	1.	1.343	2.5	0.1	1.246	1.116	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/13/83-10/18/85	13	0.3	1.308	8.6	0.1	6.044	2.458	0.1	0.1	1.25	6.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/85-10/18/85	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/85-10/18/85	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2400.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/85-10/18/85	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1100.								
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/18/85-10/18/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/18/85-10/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/84-02/09/84	1	520.	520.	520.	520.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0453

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	21	0	0.00	6	0	0.00	9	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	19	0	0.00	6	0	0.00	7	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	6	0	0.00	7	0	0.00	6	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE E	Drinking Water	10000.	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0454

NPS Station ID: GWMP0454
LAT/LON: 38.969448/ -77.176670
Agency: 1113MCST
Date Created: / /
Location: CABIN JOHN BRIDGE MD RT 495
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P10/P10 /010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 02070008000105.06
RF3 Mile Point: 5.06
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0454

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	28.	28.	28.5	27.5	0.167	0.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	6.25	6.3	6.7	6.	0.1	0.316	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.55	3.55	3.8	3.3	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	6.9	6.9	7.1	6.7	0.033	0.183	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	6.889	6.872	7.1	6.7	0.034	0.185	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.129	0.134	0.2	0.079	0.003	0.055	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.788	0.804	0.902	0.738	0.005	0.072	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.135	0.133	0.17	0.09	0.002	0.043	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	11.3	11.6	14.	9.8	3.167	1.78	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	24.1	24.65	27.2	23.2	3.237	1.799	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	300.	300.	490.	110.	72200.	268.701	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.366	2.366	2.69	2.041	0.21	0.459	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			232.164								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	14.5	14.5	20.	9.	60.5	7.778	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.128	1.128	1.301	0.954	0.06	0.245	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.416								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	101.25	107.25	162.	64.5	1866.75	43.206	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.36	0.37	0.46	0.3	0.004	0.067	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0454

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0455

NPS Station ID: GWMP0455
LAT/LON: 38.969448/ -77.176670
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC AT CABIN JOHN BR., I-495
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D10 /D10 /MC SITE SVY /P10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 4.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001400.22
RF3 Mile Point: 0.21
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0455

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/74-10/09/79	26	24.	22.127	29.	10.5	31.877	5.646	12.54	18.5	27.	28.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/74-07/05/77	18	12.	16.583	72.	3.5	260.037	16.126	3.5	6.875	19.25	38.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	11	20.	40.2	130.	5.	2022.28	44.97	5.64	10.	66.	128.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	1	182.	182.	182.	182.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/28/74-10/09/79	30	8.5	8.897	11.8	6.2	2.8	1.673	6.65	7.5	10.2	11.67
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	15	3.	3.133	5.2	1.1	1.052	1.026	1.58	2.5	3.9	4.6
00400	PH (STANDARD UNITS)	05/20/75-05/20/75	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/75-05/20/75	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/75-05/20/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11 ##	0.02	0.032	0.06	0.02	0.	0.017	0.02	0.02	0.052	0.058
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/28/74-06/06/77	17	0.041	0.053	0.155	0.021	0.001	0.031	0.029	0.034	0.063	0.097
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11 ##	0.01	0.014	0.048	0.005	0.	0.012	0.005	0.01	0.017	0.042
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11	0.8	0.909	1.53	0.43	0.102	0.32	0.472	0.65	1.2	1.476
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	8	0.317	0.355	0.619	0.1	0.026	0.162	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/28/74-10/09/79	29	0.586	0.547	0.773	0.1	0.023	0.151	0.34	0.468	0.656	0.721
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/28/74-11/01/77	18	0.62	0.608	1.48	0.02	0.214	0.463	0.02	0.075	0.908	1.381
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/28/74-10/09/79	29	0.34	0.473	2.93	0.13	0.279	0.528	0.15	0.21	0.53	0.8
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/01/79-10/09/79	9	0.17	0.174	0.35	0.06	0.008	0.092	0.06	0.1	0.235	0.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/28/74-11/01/77	19	0.03	0.145	1.67	0.007	0.141	0.375	0.009	0.01	0.11	0.22
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/28/74-08/21/79	27	6.1	6.085	13.5	0.5	11.126	3.336	1.22	3.9	8.3	11.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	6 ##	0.95	1.067	2.	0.5	0.427	0.653	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	03/28/74-07/31/79	19	24.6	25.089	41.2	17.3	31.01	5.569	18.2	21.4	27.4	32.8
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	5	3070.	3100.	4090.	2370.	404100.	635.689	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	10/09/79-10/09/79	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			24000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2300.								
32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	10	0.016	0.022	0.063	0.003	0.	0.021	0.003	0.003	0.041	0.061
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	11	0.113	0.12	0.313	0.02	0.009	0.096	0.02	0.02	0.153	0.301

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0455

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	18	1	0.06	8	1	0.13	1	0	0.00	9	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	3	0.27	7	2	0.29				4	1	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00	15	0	0.00	2	0	0.00	13	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	11	0	0.00	7	0	0.00				4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	11	0	0.00	7	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0456

NPS Station ID: GWMP0456
LAT/LON: 38.969448/ -77.179726
Agency: 1113UPBA
Date Created: / /
Location: POTOMAC R. CABIN JOHN BR.,MD.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 4.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008018900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0456

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-01/31/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-02/20/67	4	1595.	4060.	13000.	50.	36484066.667	6040.204	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/31/67-02/20/67	4	3.139	3.023	4.114	1.699	1.029	1.014	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1053.63								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-02/20/67	4	360.	460.	1100.	20.	219000.	467.974	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/31/67-02/20/67	4	2.526	2.349	3.041	1.301	0.565	0.751	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			223.145								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-02/20/67	4 ##	15.	35.	100.	10.	1900.	43.589	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/31/67-02/20/67	4 ##	1.151	1.325	2.	1.	0.222	0.472	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			21.147								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0456

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	2	0.50				4	2	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	3	0.75				4	3	0.75						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0457

NPS Station ID: GWMP0457
Location: ROCK CR RUN AT C&D CANAL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070008
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070008
RF3 Index: 02070008003400.00
Description:

LAT/LON: 38.972226/ -77.171949
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.02

Agency: 1113MCST
FIPS State/County: 24000 MARYLAND/
STORET Station ID(s): MC SITE SVY P25/P25 /025
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.90
Distance from RF3: 0.02

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GWMP0457

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	23.25	22.625	24.	20.	3.229	1.797	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	9.25	9.125	9.5	8.5	0.203	0.45	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	6.75	6.75	13.	0.5	78.125	8.839	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.325	7.313	7.7	6.9	0.111	0.333	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.319	7.218	7.7	6.9	0.122	0.35	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.048	0.06	0.126	0.02	0.002	0.046	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.365	0.38	0.487	0.302	0.006	0.079	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.585	0.598	0.69	0.53	0.005	0.068	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.01	0.01	0.01	0.008	0.	0.001	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	4.65	5.65	10.2	3.1	10.777	3.283	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	10.55	11.375	15.7	8.7	9.356	3.059	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2395.	2395.	4300.	490.	7258050.	2694.077	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	3.162	3.162	3.633	2.69	0.445	0.667	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1451.551								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.278	1.278	1.301	1.255	0.001	0.032	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.974								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	4.5	4.875	6.	4.5	0.563	0.75	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.055	0.055	0.07	0.04	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0457

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0458

NPS Station ID: GWMP0458
LAT/LON: 38.972504/ -77.148616
Agency: 1113MCST
Date Created: / /
Location: CABIN JOHN CR AT MACARTHUR BLVD
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P24/P24 /024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 02070008001400.00
RF3 Mile Point: 0.04
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0458

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	25.5	25.375	26.	24.5	0.396	0.629	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	8.75	8.775	9.	8.6	0.029	0.171	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	6.6	6.6	11.9	1.3	56.18	7.495	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.25	7.225	7.35	7.05	0.017	0.132	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.247	7.209	7.35	7.05	0.018	0.134	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.057	0.062	0.089	0.045	0.	0.02	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.096	0.085	0.15	0.001	0.004	0.062	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.466	0.503	0.659	0.421	0.011	0.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.745	0.748	0.8	0.7	0.002	0.046	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.11	0.113	0.17	0.06	0.002	0.048	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	5.8	5.775	6.9	4.6	1.209	1.1	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	15.15	15.325	16.4	14.6	0.782	0.885	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	107000.	107000.	160000.	54000.	5618000000.	74953.319	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	4.968	4.968	5.204	4.732	0.111	0.334	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92951.6								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	47500.	47500.	92000.	3000.	3960500000.	62932.504	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	4.22	4.22	4.964	3.477	1.105	1.051	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16613.248								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	6.75	6.75	7.5	6.	0.75	0.866	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.235	0.258	0.38	0.18	0.007	0.086	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0458

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0459

NPS Station ID: GWMP0459
LAT/LON: 38.972615/ -77.242615
Agency: 31GMU
Date Created: 07/25/87
Location: ROCKY RUN ABOVE GEORGETOWN PIKE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): DIFFICULT-13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id: ROCKY RUN
Minor Basin: POTOMAC RIVER
ECO Region: 64G
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1:
RF3 Index: 02070008020500.00
RF3 Mile Point: 0.17
Distance from RF3: 0.35
On/Off RF3:
Description:
BIOLOGICAL SAMPLING TO DETERMINE IMPACT OF WATERSHED URBANIZATION ON STREAM INSECT COMMUNITIES
STUDY SITE OF DEPARTMENT OF BIOLOGY AT GEORGE MASON UNIVERSITY

Parameter Inventory for Station: GWMP0459

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0460

NPS Station ID: GWMP0460
LAT/LON: 38.972615/ -77.242615
Agency: 11TRAIN
Date Created: 12/27/88
Location: ROCKY RUN ABOVE GEORGETOWN PIKE
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): DIFFICULT-13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id: ROCKY RUN
Minor Basin: POTOMAC RIVER
ECO Region: 64G
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1:
RF3 Index: 02070008020500.00
RF3 Mile Point: 0.17
Distance from RF3: 0.35
On/Off RF3:
Description:
BIOLOGICAL SAMPLING TO DETERMINE IMPACT OF WATERSHED URBANIZATION ON STREAM INSECT COMMUNITIES
STUDY SITE OF DEPARTMENT OF BIOLOGY AT GEORGE MASON UNIVERSITY

Parameter Inventory for Station: GWMP0460

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0461

NPS Station ID: GWMP0461
LAT/LON: 38.972781/ -77.151948
Agency: 21MDMONT
Date Created: / /
Location: CABIN JOHN CR AT MACARTHUR BLVD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30110 /CJC-000.35
RMI-Indexes: 0214001 002880
Within Park Boundary: No
RMI-Miles: 0119.80 0000.35
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 2.930
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008004801.93
RF3 Mile Point: 1.93
Distance from RF3: 0.06
On/Off RF3:
Description:
STATION ESTABLISHED ON CABIN JOHN CREEK ON MACARTHUR BLVD DIRECTLY UNDER BRIDGE ON MACARTHUR BLVD. ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	153	13.	12.771	24.	-1.	51.559	7.18	3.	7.	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	153	15.	14.557	33.	-10.	78.989	8.888	3.4	8.	23.	26.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	157	50.	49.204	100.	0.	1870.356	43.248	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	08/16/78-12/02/80	20	0.9	0.932	1.26	0.58	0.052	0.228	0.586	0.78	1.175	1.238
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	74	7.	22.703	185.	0.	1214.801	34.854	1.	3.	28.	56.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	35	3.5	6.737	62.	0.7	114.181	10.686	1.28	1.9	6.7	14.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	151	10.3	10.351	15.	4.1	3.908	1.977	8.02	9.	11.8	12.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	83	95.3	96.014	131.4	67.7	149.054	12.209	81.14	87.	104.	112.12
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	108	1.85	4.163	51.9	0.	43.959	6.63	0.49	1.	4.1	10.27
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	137	7.5	7.514	9.	6.3	0.203	0.451	6.9	7.2	7.7	8.02
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	137	7.5	7.302	9.	6.3	0.249	0.499	6.9	7.2	7.7	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	137	0.032	0.05	0.501	0.001	0.004	0.063	0.01	0.02	0.063	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	109	7.4	7.364	8.5	6.4	0.134	0.366	7.	7.1	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	109	7.4	7.217	8.5	6.4	0.156	0.395	7.	7.1	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	109	0.04	0.061	0.398	0.003	0.003	0.059	0.016	0.025	0.079	0.1
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	54	141.	160.463	618.	85.	8240.065	90.775	114.5	130.	161.	195.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	1.53	1.53	1.53	1.53	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	109	1.3	1.411	3.44	0.3	0.495	0.703	0.52	0.85	1.85	2.39
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	101	0.14	0.432	3.7	0.	0.487	0.698	0.032	0.06	0.44	1.244
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	13	1500.	5192.308	24000.	430.	71499685.897	8455.749	430.	840.	4450.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-08/13/86	13	3.176	3.309	4.38	2.633	0.333	0.577	2.633	2.922	3.648	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2038.892								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	97	23000.	496262.165	11000000.	90.	**********	1363918.888	430.	2300.	230000.	2400000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	97	4.362	4.297	7.041	1.954	1.69	1.3	2.633	3.362	5.362	6.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			19836.381								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	97	2300.	164356.619	2400000.	36.	209503812494.78	457715.864	66.4	230.	33500.	436000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	97	3.362	3.556	6.38	1.556	1.986	1.409	1.811	2.362	4.507	5.639
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3595.485								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	230.	1042.538	9300.	36.	6239402.603	2497.88	50.8	92.	740.	5952.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	2.362	2.49	3.968	1.556	0.384	0.62	1.679	1.964	2.869	3.568
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			309.283								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	17	0.35	0.478	2.66	0.14	0.331	0.576	0.14	0.285	0.45	0.988

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0461

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	1	0.03	13	1	0.08	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	151	0	0.00	51	0	0.00	58	0	0.00	42	0	0.00			
00400	PH	Other-Hi Lim.	9.	137	1	0.01	41	0	0.00	55	0	0.00	41	1	0.02			
		Other-Lo Lim.	6.5	137	2	0.01	41	0	0.00	55	1	0.02	41	1	0.02			
00403	PH, LAB	Other-Hi Lim.	9.	109	0	0.00	37	0	0.00	44	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	109	1	0.01	37	0	0.00	44	1	0.02	28	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	109	0	0.00	37	0	0.00	44	0	0.00	28	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	7	0.54	6	3	0.50	4	1	0.25	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	97	77	0.79	32	28	0.88	40	31	0.78	25	18	0.72			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	97	80	0.82	32	29	0.91	40	30	0.75	25	21	0.84			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	9	0.69	6	3	0.50	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	47	13.	12.872	24.	0.	57.331	7.572	2.4	6.	21.	22.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	47	16.	14.787	28.	-3.	74.649	8.64	4.6	-2.	23.	25.2
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	47	25.	45.213	100.	0.	1919.519	43.812	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	47	10.1	10.236	14.2	7.6	2.359	1.536	8.28	9.	11.4	12.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	30	92.35	92.34	131.4	74.7	130.308	11.415	81.11	84.2	97.55	105.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	44	7.6	7.741	9.	7.2	0.175	0.419	7.3	7.5	7.8	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	44	7.6	7.605	9.	7.2	0.194	0.441	7.3	7.5	7.8	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	44	0.025	0.025	0.063	0.001	0.	0.016	0.003	0.016	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	240000.	240000.	240000.	240000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			240000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	240000.	240000.	240000.	240000.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			240000.								

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Annual Analysis for 1972 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	23	12.	11.652	22.	2.	44.328	6.658	3.	6.	17.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	23	14.	12.652	28.	0.	72.146	8.494	0.	5.	19.	23.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	24	50.	50.	100.	0.	2065.217	45.445	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	23	10.	9.474	13.8	4.1	7.915	2.813	5.18	7.	11.6	13.12
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	24	6.65	8.067	22.8	1.1	43.149	6.569	1.75	2.65	9.85	20.15
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.65	7.669	8.5	6.4	0.245	0.495	6.75	7.5	8.	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.647	7.311	8.5	6.4	0.382	0.618	6.75	7.5	8.	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	16	0.023	0.049	0.398	0.003	0.009	0.097	0.005	0.01	0.032	0.208
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	24	7.4	7.392	8.5	6.9	0.089	0.299	7.05	7.225	7.475	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	24	7.4	7.319	8.5	6.9	0.095	0.308	7.05	7.225	7.475	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	24	0.04	0.048	0.126	0.003	0.001	0.026	0.023	0.034	0.06	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	24	1.605	1.712	2.58	1.25	0.14	0.374	1.295	1.423	2.023	2.23
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	24	0.88	1.18	3.7	0.1	1.06	1.029	0.165	0.413	1.608	3.235
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	460000.	1051429.167	4300000.	4300.**********	1240114.957	1114.029	22000.	43000.	2400000.	2400000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	5.663	5.447	6.633	3.633	0.794	0.891	4.342	4.633	6.38	6.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			279846.172								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	33500.	402847.083	2400000.	430.487788	414508.515	698418.51	2200.	10725.	405000.	1700000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	4.507	4.749	6.38	2.633	1.111	1.054	3.342	4.02	5.592	6.202
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			56143.397								

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Annual Analysis for 1973 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	20	13.	13.8	24.	3.	43.642	6.606	4.1	9.25	19.75	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	20	13.	13.85	26.	0.	58.134	7.625	1.5	8.25	19.5	25.9
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	20	100.	61.25	100.	0.	2070.724	45.505	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	20	10.7	10.37	13.6	7.7	2.89	1.7	8.21	8.825	11.475	12.78

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Annual Analysis for 1973 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	20	3.4	5.335	15.8	1.	20.547	4.533	1.1	1.425	8.825	11.89
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.4	7.4	7.9	6.9	0.068	0.261	6.97	7.3	7.6	7.69
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.4	7.322	7.9	6.9	0.074	0.273	6.97	7.3	7.6	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	16	0.04	0.048	0.126	0.013	0.001	0.032	0.021	0.025	0.05	0.108
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	20	7.45	7.54	8.	7.2	0.055	0.235	7.3	7.4	7.7	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	20	7.447	7.487	8.	7.2	0.058	0.241	7.3	7.4	7.7	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	20	0.036	0.033	0.063	0.01	0.	0.015	0.011	0.02	0.04	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	20	2.14	2.115	3.39	1.29	0.315	0.561	1.416	1.64	2.593	2.83
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	20	0.3	0.296	0.8	0.05	0.036	0.189	0.073	0.125	0.398	0.552
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	20	138000.	1084005.	11000000.	2300.	**********	2480362.412	7680.	15000.	1057500.	2400000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	20	5.012	5.098	7.041	3.362	1.098	1.048	3.884	4.176	6.023	6.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			125383.558								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	20	23000.	293501.5	2400000.	430.	307004781834.474	554080.122	2300.	4300.	430000.	883000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	20	4.362	4.59	6.38	2.633	1.175	1.084	3.362	3.633	5.633	5.938
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			38941.873								

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Annual Analysis for 1974 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	8.	9.625	20.	3.	35.411	5.951	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	10.	11.	24.	2.	61.667	7.853	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	8	50.	50.	100.	0.	2321.429	48.181	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	12.45	12.3	14.3	10.2	2.46	1.568	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	8	2.05	8.125	51.9	0.7	313.454	17.705	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	8	7.1	7.212	7.8	6.8	0.11	0.331	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	8	7.089	7.119	7.8	6.8	0.12	0.346	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	8	0.082	0.076	0.158	0.016	0.002	0.047	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.6	7.613	8.1	7.3	0.11	0.331	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.6	7.52	8.1	7.3	0.12	0.346	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.025	0.03	0.05	0.008	0.	0.018	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	2.23	2.16	3.44	0.53	0.886	0.941	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.245	0.205	0.38	0.	0.023	0.151	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	2300.	22643.75	150000.	570.	2674558141.071	51716.13	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.362	3.58	5.176	2.756	0.671	0.819	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3805.77								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	430.	3430.875	23000.	36.	63059992.982	7941.032	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.633	2.729	4.362	1.556	0.749	0.866	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			536.406								

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Annual Analysis for 1975 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	2	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	2	10.25	10.25	10.8	9.7	0.605	0.778	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	2	118.45	118.45	122.7	114.2	36.125	6.01	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	2 ##	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	2	7.382	7.382	7.7	7.2	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	2	0.042	0.042	0.063	0.02	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	2	1.475	1.475	1.51	1.44	0.002	0.049	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	2	13150.	13150.	24000.	2300.	235445000.	15344.217	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	2	3.871	3.871	4.38	3.362	0.519	0.72	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7429.67								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	2	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	2	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2300.								

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Annual Analysis for 1976 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	7.	11.364	22.	2.	57.255	7.567	2.4	5.	19.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	10.	13.182	26.	4.	66.364	8.146	4.2	6.	24.	25.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	50.	50.	100.	0.	1931.818	43.952	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	12.2	11.855	15.	8.1	4.755	2.181	8.38	9.8	13.8	14.92
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	105.8	105.618	123.	89.2	141.03	11.876	89.76	97.	119.7	122.48
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	12	1.4	1.283	2.3	0.3	0.476	0.69	0.33	0.6	1.875	2.24
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.2	7.191	7.6	6.9	0.065	0.255	6.9	7.	7.5	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.2	7.129	7.6	6.9	0.069	0.263	6.9	7.	7.5	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	11	0.063	0.074	0.126	0.025	0.001	0.038	0.026	0.032	0.1	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.15	7.233	7.8	6.6	0.115	0.339	6.69	7.025	7.55	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.147	7.113	7.8	6.6	0.131	0.362	6.69	7.025	7.55	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.071	0.077	0.251	0.016	0.004	0.064	0.019	0.029	0.095	0.214
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	131.5	137.167	227.	85.	1548.515	39.351	88.	104.25	163.5	209.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.74	0.803	1.2	0.35	0.082	0.286	0.383	0.555	1.068	1.185
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12	0.075	0.129	0.63	0.04	0.026	0.163	0.04	0.06	0.138	0.489
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	2400.	34341.667	240000.	430.	5157951996.97	71818.883	574.	930.	24000.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.38	3.693	5.38	2.633	0.799	0.894	2.731	2.968	4.38	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4926.795								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	330.	5331.083	46000.	36.	181952416.265	13488.974	36.	105.75	790.	36700.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.498	2.639	4.663	1.556	0.885	0.941	1.556	2.013	2.878	4.517
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			435.636								

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Annual Analysis for 1977 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	15.	14.714	22.	5.	37.238	6.102	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	17.	17.286	25.	4.	53.238	7.296	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	7	50.	53.571	100.	0.	1547.619	39.34	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	7	9.1	9.429	12.	6.3	4.109	2.027	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	7	89.1	91.186	113.6	67.7	259.148	16.098	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	7	1.5	1.957	4.2	0.2	2.273	1.508	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	7	7.3	7.386	8.5	6.6	0.455	0.674	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	7	7.3	7.068	8.5	6.6	0.572	0.756	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	7	0.05	0.085	0.251	0.003	0.008	0.089	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	7	7.6	7.529	8.3	7.	0.279	0.528	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	7	7.6	7.31	8.3	7.	0.335	0.578	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	7	0.025	0.049	0.1	0.005	0.002	0.043	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	7	135.	202.286	618.	91.	34141.571	184.774	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	7	0.6	0.6	1.1	0.3	0.087	0.294	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	7	0.13	0.106	0.17	0.03	0.003	0.053	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	9300.	25165.714	110000.	430.	1493766261.905	38649.272	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	7	3.968	3.892	5.041	2.633	0.707	0.841	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7806.798								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	910.	7145.143	46000.	36.	293795638.476	17140.468	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	7	2.959	2.901	4.663	1.556	0.893	0.945	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			796.534								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	10.5	11.25	24.	0.	59.659	7.724	0.3	3.75	16.	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	16.5	15.583	33.	0.	123.356	11.107	0.	4.75	22.5	32.4
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	25.	35.417	100.	0.	1642.992	40.534	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	10.35	10.342	13.4	8.2	2.992	1.73	8.26	8.575	11.35	13.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	93.6	92.325	107.	71.2	107.733	10.379	74.08	84.45	101.725	105.92
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	12	1.	1.192	3.7	0.	1.05	1.025	0.06	0.475	1.575	3.31
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.6	7.527	8.3	6.9	0.212	0.461	6.9	7.1	7.9	8.24
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.6	7.326	8.3	6.9	0.257	0.507	6.9	7.1	7.9	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	11	0.025	0.047	0.126	0.005	0.002	0.045	0.006	0.013	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.15	7.175	7.6	6.7	0.058	0.242	6.79	7.	7.375	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.147	7.112	7.6	6.7	0.063	0.25	6.79	7.	7.375	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.071	0.077	0.2	0.025	0.002	0.046	0.03	0.042	0.1	0.17
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	138.	147.667	231.	115.	902.97	30.049	118.3	131.	161.	211.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.85	0.933	1.6	0.3	0.164	0.405	0.36	0.625	1.175	1.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12 ##	0.02	0.038	0.19	0.	0.003	0.056	0.	0.	0.063	0.157
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	680.	3050.	24000.	90.	45252418.182	6726.992	90.	102.5	2400.	18090.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	2.801	2.827	4.38	1.954	0.62	0.787	1.954	2.002	3.38	4.156
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			671.265								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	160.	700.833	4300.	40.	1714608.333	1309.431	40.	52.5	430.	3730.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.158	2.306	3.633	1.602	0.454	0.674	1.602	1.69	2.633	3.557
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			202.34								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	11.	12.	24.	-1.	64.4	8.025	3.	8.	16.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	15.	12.75	28.	-10.	124.023	11.137	2.6	6.75	25.25	1.4
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	50.	54.167	100.	0.	1685.606	41.056	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	10	11.1	10.65	12.2	8.	1.992	1.411	8.1	9.6	12.025	12.19
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	10	100.5	98.09	109.8	79.9	93.699	9.68	80.27	91.475	105.875	109.43
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	9	1.2	1.6	3.1	0.4	0.95	0.975	0.4	0.75	2.45	3.1
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	10	7.3	7.24	7.7	6.3	0.174	0.417	6.36	7.05	7.55	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	10	7.289	7.007	7.7	6.3	0.234	0.484	6.36	7.05	7.55	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	10	0.051	0.098	0.501	0.02	0.021	0.145	0.02	0.029	0.091	0.464
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	11	7.1	6.945	7.2	6.4	0.085	0.291	6.44	6.6	7.2	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	11	7.1	6.847	7.2	6.4	0.095	0.309	6.44	6.6	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	11	0.079	0.142	0.398	0.063	0.012	0.111	0.063	0.063	0.251	0.369

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	11	145.	145.818	196.	124.	388.564	19.712	124.6	134.	151.	189.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	11	1.1	1.091	1.8	0.6	0.095	0.308	0.64	0.9	1.2	1.68
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	10	0.055	0.241	1.9	0.	0.341	0.584	0.	0.03	0.11	1.721
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	2400.	13701.818	110000.	230.	1066488956.364	32657.143	270.	430.	4600.	92800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	3.38	3.356	5.041	2.362	0.665	0.815	2.416	2.633	3.663	4.909
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2270.092								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	230.	889.636	7500.	36.	4867672.055	2206.28	36.	73.	230.	6186.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	2.362	2.321	3.875	1.556	0.435	0.66	1.556	1.863	2.362	3.694
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			209.212								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	20.	15.182	23.	2.	51.164	7.153	2.6	8.	20.	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	25.	19.455	30.	2.	104.673	10.231	2.8	9.	27.	29.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	37.5	47.917	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	9.8	10.064	12.8	8.	2.637	1.624	8.04	8.6	11.6	12.68
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	95.7	97.564	112.6	87.	59.153	7.691	87.42	92.1	104.	111.38
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	12	0.7	0.975	2.3	0.4	0.362	0.602	0.46	0.6	1.2	2.21
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.25	7.408	8.5	6.9	0.168	0.41	6.96	7.2	7.6	8.23
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.247	7.288	8.5	6.9	0.184	0.429	6.96	7.2	7.6	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.057	0.051	0.126	0.003	0.001	0.033	0.01	0.025	0.063	0.112
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.5	7.467	8.2	6.7	0.179	0.423	6.76	7.1	7.775	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.5	7.271	8.2	6.7	0.221	0.47	6.76	7.1	7.775	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.032	0.054	0.2	0.006	0.003	0.058	0.009	0.017	0.085	0.177
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	149.	185.583	577.	130.	15488.083	124.451	130.9	138.25	162.5	462.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	1.1	1.017	1.9	0.4	0.203	0.451	0.43	0.55	1.275	1.78
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	5	0.08	0.348	1.45	0.04	0.38	0.616	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	21.2	21.2	21.2	21.2	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	52	20.	18.885	24.	6.	21.673	4.655	11.3	15.5	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	53	22.	21.192	33.	2.	43.04	6.56	12.4	17.5	26.	28.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	54	25.	38.889	100.	0.	1761.006	41.964	0.	0.	81.25	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	51	8.8	8.963	12.2	4.9	2.023	1.422	7.08	8.2	9.7	11.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	95.7	97.03	114.2	67.7	120.376	10.972	80.74	92.	105.8	112.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	37	1.1	1.765	8.7	0.	3.762	1.94	0.2	0.6	2.15	4.04
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	41	7.6	7.676	8.8	6.6	0.238	0.488	6.96	7.4	7.95	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	41	7.6	7.43	8.8	6.6	0.3	0.547	6.96	7.4	7.95	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	41	0.025	0.037	0.251	0.002	0.002	0.047	0.003	0.011	0.04	0.113
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	37	7.4	7.462	8.3	6.6	0.109	0.33	7.1	7.25	7.65	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	37	7.4	7.342	8.3	6.6	0.124	0.352	7.1	7.25	7.65	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	37	0.04	0.045	0.251	0.005	0.002	0.042	0.015	0.023	0.057	0.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	37	0.8	1.104	2.58	0.3	0.402	0.634	0.38	0.56	1.56	2.134
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	31	0.1	0.257	1.61	0.	0.142	0.377	0.006	0.05	0.35	0.816
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	15000.	179121.25	2400000.	90.341828	162333.871	584660.724	580.	2400.	45250.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	4.176	4.103	6.38	1.954	0.968	0.984	2.734	3.38	4.655	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12686.99								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	2300.	95023.188	2400000.	36.183432	275086.673	428289.943	132.	430.	9300.	37000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	3.362	3.368	6.38	1.556	1.156	1.075	2.076	2.633	3.968	4.552
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2333.776								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	59	6.	5.305	12.	-1.	10.216	3.196	1.	3.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	58	6.	5.759	15.	-10.	23.8	4.879	0.	3.75	10.	13.1
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	61	75.	60.656	100.	0.	1842.896	42.929	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	58	11.9	11.978	15.	9.5	1.561	1.249	10.29	11.1	12.8	13.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	89.2	90.27	123.	71.2	150.605	12.272	76.14	81.8	95.3	110.18
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	44	2.25	4.918	51.9	0.3	66.317	8.144	0.65	1.525	5.5	10.95
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	55	7.4	7.364	8.5	6.3	0.123	0.351	6.9	7.1	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	55	7.4	7.216	8.5	6.3	0.146	0.382	6.9	7.1	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	55	0.04	0.061	0.501	0.003	0.005	0.07	0.02	0.025	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	44	7.2	7.241	8.5	6.4	0.137	0.371	6.8	7.	7.4	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	44	7.2	7.103	8.5	6.4	0.157	0.396	6.8	7.	7.4	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	44	0.063	0.079	0.398	0.003	0.005	0.071	0.023	0.04	0.1	0.163
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	44	1.6	1.742	3.44	0.5	0.535	0.732	0.9	1.2	2.245	2.79
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	43	0.17	0.352	1.97	0.	0.209	0.457	0.04	0.07	0.39	0.96
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	24000.	356737.5	4300000.	90.715806	755891.026	846053.637	462.	1500.	237500.	1100000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	4.38	4.289	6.633	1.954	1.698	1.303	2.658	3.176	5.376	6.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			19435.803								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	3100.	137753.825	2300000.	36.155526	548569.071	394368.544	40.	162.5	118250.	411000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	3.476	3.52	6.362	1.556	2.15	1.466	1.602	2.207	4.973	5.608
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3307.921								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	42	16.	15.69	23.	9.	13.39	3.659	11.	13.	18.25	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	42	18.	18.333	26.	10.	24.13	4.912	12.	13.75	23.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	42	25.	45.833	100.	0.	1796.24	42.382	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	42	9.9	9.79	14.2	4.1	3.196	1.788	7.63	8.925	11.025	11.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	100.	100.417	131.4	82.8	132.004	11.489	84.4	92.55	106.15	120.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-08/13/86	27	1.6	6.219	22.8	0.2	52.483	7.245	0.68	1.	9.1	20.06
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	41	7.5	7.554	9.	6.4	0.228	0.477	6.92	7.25	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	41	7.5	7.319	9.	6.4	0.284	0.533	6.92	7.25	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	41	0.032	0.048	0.398	0.001	0.004	0.066	0.008	0.016	0.057	0.121
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	28	7.4	7.429	8.1	6.6	0.13	0.361	6.98	7.225	7.6	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	28	7.4	7.283	8.1	6.6	0.152	0.39	6.98	7.225	7.6	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	28	0.04	0.052	0.251	0.008	0.003	0.051	0.008	0.025	0.06	0.106
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	28	1.25	1.296	2.61	0.35	0.27	0.52	0.593	0.94	1.463	2.154
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	27	0.29	0.76	3.7	0.	1.214	1.102	0.	0.04	1.07	2.998
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	25	24000.	1125442.	11000000.	230.	**********	2292918.113	350.	750.	2400000.	2400000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	25	4.38	4.56	7.041	2.362	2.628	1.621	2.525	2.862	6.38	6.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			36315.438								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	25	2300.	295667.88	2400000.	36.322801	148286.86	568155.919	70.	230.	335000.	1100000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	25	3.362	3.854	6.38	1.556	2.814	1.678	1.813	2.362	5.507	6.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7143.895								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0462

NPS Station ID: GWMP0462 | LAT/LON: 38.973337/ -77.149115 | Agency: 21MD | Date Created: 10/06/79
Location: AT BRIDGE ON MACARTHUR BLVD. | FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): CJB0005
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070008 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070008001 | RF1 Mile Point: 2.930 | Distance from RF1: 9.20 | On/Off RF1: OFF
RF3 Index: 02070008073000.00 | RF3 Mile Point: 0.70 | Distance from RF3: 0.06 | On/Off RF3:
Description:
02-14-02-07 CABIN JOHN CREEK DRAINAGE CABIN JOHN CREEK RIVER MILE IS .50
RECEIVING TRIBUTARY IS POTOMAC RIVER AT BRIDGE ON MACARTHUR BLVD.

Parameter Inventory for Station: GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/74-06/03/81	64	16.25	15.297	27.8	0.5	54.759	7.4	3.75	10.525	21.	24.3
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/76-04/07/81	28	10.	16.107	60.	3.	192.47	13.873	3.9	6.25	24.75	35.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	66	4.	12.202	120.	1.1	441.617	21.015	2.	2.6	11.25	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	67	191.	195.642	470.	109.	3035.536	55.096	131.6	168.	212.	257.4
00300	OXYGEN, DISSOLVED MG/L	04/29/74-06/03/81	66	10.3	10.576	17.1	4.3	5.195	2.279	8.1	8.875	12.05	13.33
00340	COD, .25N K2CR2O7 MG/L	04/03/74-05/03/76	14	6.5	9.929	34.	2.	82.841	9.102	2.5	3.75	15.5	27.
00400	PH (STANDARD UNITS)	10/18/76-06/03/81	48	7.85	8.056	10.8	6.8	0.574	0.758	7.29	7.5	8.6	9.1
00400	CONVERTED PH (STANDARD UNITS)	10/18/76-06/03/81	48	7.847	7.652	10.8	6.8	0.741	0.861	7.29	7.5	8.6	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/76-06/03/81	48	0.014	0.022	0.158	0.	0.001	0.028	0.001	0.003	0.032	0.051
00403	PH, LAB, STANDARD UNITS SU	04/03/74-06/11/79	45	7.5	7.544	9.5	6.7	0.213	0.461	7.02	7.3	7.75	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	04/03/74-06/11/79	45	7.5	7.371	9.5	6.7	0.244	0.494	7.02	7.3	7.75	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/74-06/11/79	45	0.032	0.043	0.2	0.	0.002	0.039	0.012	0.018	0.05	0.098
00480	SALINITY - PARTS PER THOUSAND	04/03/74-11/06/78	26 ##	0.25	0.203	0.5	0.08	0.009	0.094	0.1	0.1	0.25	0.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	66	4.	13.894	162.	0.5	686.366	26.199	1.	2.	12.	41.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/74-06/03/81	61	0.03	0.035	0.28	0.01	0.002	0.039	0.01	0.02	0.04	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	61	0.006	0.009	0.049	0.001	0.	0.009	0.002	0.003	0.012	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	61	0.74	0.764	1.5	0.05	0.102	0.32	0.398	0.53	1.01	1.164
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/74-06/03/81	57	0.27	0.325	1.11	0.04	0.045	0.213	0.126	0.155	0.435	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	66	0.04	0.063	0.5	0.01	0.005	0.068	0.02	0.03	0.08	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	61	9.	8.652	27.	0.5	44.481	6.669	0.92	2.2	11.75	20.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/03/74-06/03/81	48	2300.	72253.438	1100000.	39.55452094718.124		235482.685	230.	430.	13575.	129700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/03/74-06/03/81	48	3.362	3.491	6.041	1.591	1.126	1.061	2.362	2.633	4.124	5.038
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3093.906								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	48	430.	7152.583	120000.	23.	570372132.801	23882.465	41.	230.	1357.5	6170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	48	2.633	2.711	5.079	1.362	0.77	0.877	1.606	2.362	3.124	3.706
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			514.262								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	66	121.5	127.909	328.	72.	1381.161	37.164	94.8	110.25	136.5	159.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0462

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	66	4	0.06	23	4	0.17	16	0	0.00	27	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	66	0	0.00	24	0	0.00	16	0	0.00	26	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	7	0.15	19	2	0.11	11	0	0.00	18	5	0.28			
		Other-Lo Lim.	6.5	48	0	0.00	19	0	0.00	11	0	0.00	18	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	45	1	0.02	15	0	0.00	11	0	0.00	19	1	0.05			
		Other-Lo Lim.	6.5	45	0	0.00	15	0	0.00	11	0	0.00	19	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	61	0	0.00	23	0	0.00	16	0	0.00	22	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	61	0	0.00	23	0	0.00	16	0	0.00	22	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	48	28	0.58	15	11	0.73	13	6	0.46	20	11	0.55			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	37	0.77	15	15	1.00	13	8	0.62	20	14	0.70			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	9	3.	3.333	7.	2.	2.5	1.581	2.	2.	4.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	9	211.	225.778	289.	185.	1260.194	35.499	185.	198.	259.5	289.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	9	4.	11.	54.	1.	282.5	16.808	1.	2.	13.	54.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	9	0.04	0.048	0.09	0.01	0.001	0.024	0.01	0.03	0.065	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	9	6.	7.944	17.	0.5	23.153	4.812	0.5	5.	11.	17.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	9	116.	118.222	176.	72.	955.444	30.91	72.	96.	139.	176.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	7	5.	7.929	29.	2.	92.036	9.594	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	7	214.	243.143	470.	150.	10818.476	104.012	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	7	4.	21.857	88.	1.	1074.81	32.784	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	7	0.05	0.116	0.5	0.03	0.029	0.171	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	7	4.	4.214	9.	0.5	10.488	3.239	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	7	124.	140.	246.	114.	2232.	47.244	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	5	6.	6.2	11.	3.	9.7	3.114	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	5	161.	160.4	219.	121.	1505.8	38.805	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	5	1.	1.8	4.	1.	1.7	1.304	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	5	0.04	0.044	0.06	0.03	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	5	7.5	7.2	10.5	2.	10.325	3.213	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	5	120.	115.8	122.	102.	69.2	8.319	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	13	13.5	27.346	78.	2.	757.266	27.518	2.4	4.5	52.	75.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	14	183.	195.143	322.	161.	1644.44	40.552	164.5	169.75	210.5	268.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	13	12.	21.308	94.	4.	672.564	25.934	4.	6.	28.	77.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	13	0.06	0.064	0.1	0.04	0.	0.022	0.04	0.04	0.085	0.096
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	12	16.75	14.658	27.	0.5	93.283	9.658	1.07	4.125	22.	26.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	13	134.	139.692	328.	75.	3893.064	62.394	80.2	103.	154.	260.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	11	3.5	10.1	48.	1.2	193.798	13.921	1.28	2.	12.	42.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	11	195.	196.455	310.	109.	3300.073	57.446	117.	157.	215.	304.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	11	7.	12.727	40.	2.	167.818	12.954	2.	3.	18.	38.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	11	0.1	0.096	0.16	0.04	0.002	0.04	0.04	0.06	0.13	0.154
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	10	5.45	6.21	13.	0.9	27.903	5.282	0.91	1.075	11.375	12.95
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	11	127.	126.455	164.	96.	477.073	21.842	96.2	103.	136.	162.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	10	4.95	17.03	120.	2.	1328.485	36.448	2.	2.15	11.5	109.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	10	147.5	154.2	200.	110.	1147.289	33.872	111.2	124.25	191.	200.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	10	4.	19.95	162.	0.5	2500.136	50.001	0.55	1.75	8.25	146.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	10	0.025	0.048	0.24	0.02	0.005	0.068	0.02	0.02	0.035	0.221
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	10	8.25	7.28	16.5	0.6	30.653	5.537	0.63	1.2	11.625	16.05
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	10	112.5	116.9	179.	82.	794.767	28.192	82.2	102.	125.5	175.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	7	3.4	3.514	7.4	1.1	3.708	1.926	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	7	210.	204.429	239.	170.	641.286	25.324	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	7	3.	2.714	4.	1.	1.238	1.113	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	7	0.02	0.017	0.02	0.01	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	6	10.25	11.083	15.	7.	10.642	3.262	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	7	129.	136.286	177.	122.	399.238	19.981	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	4	3.35	6.825	18.	2.6	55.763	7.467	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	4	174.	176.5	205.	153.	469.667	21.672	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	4	3.	5.125	14.	0.5	37.063	6.088	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	4	0.04	0.05	0.09	0.03	0.001	0.027	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	2	6.75	6.75	12.5	1.	66.125	8.132	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	4	115.	122.25	151.	108.	388.917	19.721	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/74-06/03/81	23	21.	19.839	27.6	10.6	30.045	5.481	10.76	15.4	24.2	25.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	23	5.5	19.783	120.	1.1	1004.112	31.688	2.	2.6	12.	75.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	24	200.	204.417	322.	110.	2179.558	46.686	160.5	172.	213.5	284.5
00300	OXYGEN, DISSOLVED MG/L	04/29/74-06/03/81	24	9.65	9.671	12.4	6.7	2.102	1.45	7.85	8.475	10.9	11.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	23	4.	19.087	162.	1.	1413.356	37.595	1.4	2.	18.	77.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/74-06/03/81	23	0.02	0.036	0.28	0.01	0.003	0.055	0.01	0.01	0.04	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	23	0.005	0.012	0.049	0.002	0.	0.014	0.002	0.003	0.015	0.042
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	23	0.61	0.673	1.44	0.05	0.104	0.322	0.304	0.46	0.87	1.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/74-06/03/81	22	0.365	0.395	1.11	0.04	0.072	0.269	0.116	0.178	0.485	0.898
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	23	0.06	0.067	0.24	0.01	0.003	0.054	0.01	0.02	0.09	0.136
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	21	11.	11.038	27.	0.9	37.984	6.163	2.42	7.	14.	20.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/03/74-06/03/81	15	4300.	182888.	1100000.	430.1	522852986	74.286	390237.49	730.	930.	43000.	1100000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/03/74-06/03/81	15	3.633	3.961	6.041	2.633	1.283	1.133	2.834	2.968	4.633	6.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9132.857								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	15	930.	19933.333	120000.	230.	1623535595.238	40293.121	230.	430.	2300.	103800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	15	2.968	3.274	5.079	2.362	0.862	0.929	2.362	2.633	3.362	5.013
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1880.026								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	23	132.	137.087	328.	72.	2548.447	50.482	82.8	103.	152.	176.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/74-06/03/81	16	5.15	5.738	11.	0.5	11.641	3.412	1.55	2.85	9.25	11.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	16	3.5	9.106	44.	1.2	142.534	11.939	1.76	2.7	9.25	33.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	16	169.5	196.375	470.	109.	8607.717	92.778	117.4	126.25	236.	358.
00300	OXYGEN, DISSOLVED MG/L	04/29/74-06/03/81	16	13.	12.781	17.1	4.3	7.182	2.68	9.34	11.95	14.15	15.63
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	16	5.	14.031	88.	0.5	546.282	23.373	0.85	2.	10.	57.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/74-06/03/81	16	0.03	0.03	0.05	0.01	0.	0.014	0.01	0.02	0.04	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	16	0.004	0.005	0.016	0.001	0.	0.004	0.001	0.002	0.007	0.013
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	16	0.97	0.883	1.5	0.06	0.117	0.342	0.291	0.635	1.05	1.311
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/74-06/03/81	15	0.25	0.269	0.53	0.11	0.015	0.124	0.128	0.16	0.36	0.476
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	16	0.04	0.069	0.5	0.02	0.013	0.116	0.02	0.03	0.05	0.213
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	16	6.	5.744	12.5	0.5	16.513	4.064	0.57	1.475	9.75	10.75
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/03/74-06/03/81	13	750.	40020.462	460000.	43.1	597574925	4.603	126395.211	43.	235.	12150.	285200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/03/74-06/03/81	13	2.875	3.19	5.663	1.633	1.382	1.175	1.633	2.371	4.072	5.142
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1547.311								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	13	230.	2398.077	23000.	23.	39869154.744	6314.203	23.	43.	1365.	15520.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	13	2.362	2.415	4.362	1.362	0.822	0.907	1.362	1.633	2.998	4.07
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			260.07								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	16	122.5	132.875	246.	92.	1386.517	37.236	95.5	113.25	146.75	199.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/74-06/03/81	25	18.	17.236	27.8	6.7	24.316	4.931	10.28	14.2	20.75	23.38
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/74-06/03/81	27	3.8	7.578	48.	1.6	93.239	9.656	2.	2.4	9.	18.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/74-06/03/81	27	191.	187.407	239.	132.	669.712	25.879	149.8	170.	205.	219.6
00300	OXYGEN, DISSOLVED MG/L	04/29/74-06/03/81	26	10.2	10.054	13.4	6.5	3.083	1.756	7.89	8.775	11.3	12.53
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/74-06/03/81	27	4.	9.389	54.	0.5	159.891	12.645	1.	3.	9.	33.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/74-06/03/81	22	0.03	0.037	0.15	0.01	0.001	0.033	0.01	0.02	0.04	0.089
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	22	0.008	0.009	0.018	0.003	0.	0.004	0.004	0.005	0.011	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/74-06/03/81	22	0.71	0.774	1.19	0.29	0.08	0.283	0.342	0.577	1.048	1.156
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/74-06/03/81	20	0.225	0.291	0.71	0.1	0.033	0.182	0.104	0.143	0.41	0.654
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-06/03/81	27	0.04	0.056	0.13	0.02	0.001	0.035	0.02	0.03	0.08	0.122
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/03/74-04/07/81	24	7.5	8.504	26.	0.5	61.133	7.819	0.7	1.25	12.25	22.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/03/74-06/03/81	20	2300.	10228.95	93000.	39.	447257913.629	21148.473	250.	430.	13575.	23000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/03/74-06/03/81	20	3.362	3.334	4.968	1.591	0.705	0.84	2.389	2.633	4.124	4.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2155.444								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	20	430.	657.45	2300.	23.	618107.734	786.198	25.	93.75	805.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/74-06/03/81	20	2.633	2.481	3.362	1.362	0.383	0.619	1.389	1.95	2.885	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			302.978								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/74-06/03/81	27	118.	117.148	158.	75.	286.67	16.931	94.4	108.	127.	138.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0463

NPS Station ID: GWMP0463 LAT/LON: 38.973337/ -77.149170 Agency: 21MDOEP Date Created: 06/06/87
Location: CABIN JOHN AT BRIDGE ON MACARTHUR BLVD FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CJB0005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: CHESAPEAKE BAY Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010008001.78 RF3 Mile Point: 5.74 Distance from RF3: 0.24 On/Off RF3:
Description:
NO DEPTH INFORMATION FOR LAND STATION

Parameter Inventory for Station: GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	48	13.85	13.496	25.1	0.9	55.763	7.467	2.25	6.8	20.875	22.73
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	48	17.25	16.458	29.	-2.	93.445	9.667	3.9	6.875	25.875	28.
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	48	30.	48.854	100.	0.	1623.659	40.295	0.	10.	98.75	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	48	1.8	17.115	470.	0.8	5190.771	72.047	1.1	1.425	3.25	14.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	48	314.	343.542	1475.	113.	41095.615	202.721	233.5	276.	353.25	373.3
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	48	10.4	10.692	15.8	7.8	4.462	2.112	8.4	8.7	12.075	13.59
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	44	1.75	1.798	5.3	0.5	1.408	1.186	0.5	0.8	2.2	3.8
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	48	7.95	8.015	8.8	7.	0.164	0.405	7.59	7.8	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	48	7.947	7.817	8.8	7.	0.204	0.451	7.59	7.8	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	48	0.011	0.015	0.1	0.002	0.	0.02	0.003	0.005	0.016	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	48	61.5	62.458	108.	23.	216.381	14.71	43.6	55.	72.	78.2
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	48	0.	0.013	0.4	0.	0.004	0.064	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	48	4.	27.021	810.	1.	14713.851	121.301	1.	2.25	6.75	10.5
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	46	1.53	1.659	3.41	0.6	0.372	0.61	0.902	1.238	1.908	2.42
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	47	0.02	0.04	0.33	0.008	0.004	0.065	0.008	0.013	0.029	0.114
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	46	0.006	0.012	0.068	0.002	0.	0.013	0.003	0.005	0.012	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	46	1.135	1.153	2.43	0.29	0.242	0.492	0.497	0.74	1.493	1.816
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	47	0.42	0.489	1.618	0.1	0.116	0.341	0.2	0.3	0.55	0.92
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	47	1.1	1.163	2.5	0.29	0.241	0.491	0.516	0.74	1.5	1.82
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	47	0.01	0.02	0.1	0.	0.	0.022	0.	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	46	0.028	0.051	0.8	0.003	0.014	0.118	0.01	0.012	0.039	0.086
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	47	3.1	3.728	11.8	1.4	3.911	1.978	2.08	2.6	4.	7.26
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	45	790.	9808.244	240000.	2.	1348200468.143	36717.849	33.	230.	3300.	27200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	45	2.898	2.902	5.38	0.301	1.062	1.03	1.519	2.362	3.519	4.423
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			797.789								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	45	230.	6571.156	240000.	2.	1274802919.271	35704.382	20.6	49.	595.	7360.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	45	2.362	2.355	5.38	0.301	1.053	1.026	1.174	1.69	2.768	3.866
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			226.244								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	45	1.67	2.141	14.3	0.	4.707	2.17	0.648	1.025	2.655	4.218
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	43	1.42	1.906	12.71	0.36	3.836	1.959	0.628	0.9	2.39	3.498
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	45	0.11	0.187	2.14	0.	0.114	0.338	0.	0.01	0.2	0.5
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	45	0.14	0.252	1.78	0.	0.146	0.382	0.	0.01	0.35	0.568
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	43	0.24	0.487	2.24	0.	0.326	0.571	0.	0.	0.77	1.33

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0463

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	48	2	0.04	16	0	0.00	20	2	0.10	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	16	0	0.00	20	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	0	0.00	16	0	0.00	20	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	16	0	0.00	20	0	0.00	12	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	46	0	0.00	14	0	0.00	20	0	0.00	12	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	46	0	0.00	14	0	0.00	20	0	0.00	12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	47	0	0.00	15	0	0.00	20	0	0.00	12	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	45	22	0.49	15	7	0.47	19	7	0.37	11	8	0.73			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	24	0.53	15	8	0.53	19	8	0.42	11	8	0.73			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	12	17.05	13.733	23.7	1.6	69.041	8.309	1.66	5.2	21.25	23.04
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	20.75	16.	28.	-2.	130.591	11.428	6.3	6.5	26.375	28.
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	40.	49.583	100.	0.	1420.265	37.686	3.	13.75	95.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	1.9	6.567	25.	1.2	80.521	8.973	1.23	1.425	8.8	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	12	298.	386.	1475.	182.	121293.455	348.272	183.2	243.	355.5	1141.7
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	12	9.85	10.7	14.9	8.	6.342	2.518	8.12	8.45	13.325	14.75
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	11	1.9	1.882	4.4	0.5	1.8	1.342	0.5	0.7	2.5	4.28
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	12	7.95	8.142	8.8	7.8	0.139	0.373	7.8	7.9	8.55	8.77
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	12	7.947	8.029	8.8	7.8	0.153	0.391	7.8	7.9	8.55	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	12	0.011	0.009	0.016	0.002	0.	0.005	0.002	0.003	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	12	54.5	61.5	108.	40.	493.364	22.212	40.	44.25	80.	103.5
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.033	0.4	0.	0.013	0.115	0.	0.	0.	0.28
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	3.5	6.25	23.	1.	43.477	6.594	1.3	2.25	8.75	20.6
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	10	1.39	1.498	2.7	0.6	0.396	0.629	0.619	1.06	2.	2.645
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	11	0.02	0.033	0.116	0.008	0.001	0.032	0.009	0.016	0.032	0.106
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	0.006	0.011	0.033	0.002	0.	0.01	0.002	0.004	0.016	0.031
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	0.82	0.96	1.9	0.29	0.273	0.522	0.302	0.66	1.49	1.858
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	11	0.5	0.509	1.2	0.15	0.094	0.307	0.17	0.25	0.6	1.13
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	11	0.84	0.97	1.9	0.29	0.272	0.521	0.302	0.68	1.5	1.86
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	11	0.01	0.018	0.08	0.	0.001	0.024	0.	0.	0.02	0.072
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	11	0.025	0.038	0.136	0.003	0.002	0.041	0.004	0.012	0.038	0.128
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	11	3.7	4.2	7.7	2.1	3.94	1.985	2.2	2.6	5.7	7.66
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	12	2550.	10480.75	54000.	79.	304334790.386	17445.194	94.3	325.	17375.	48300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	12	3.387	3.319	4.732	1.898	0.866	0.93	1.963	2.397	4.143	4.676
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2083.431								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	12	595.	2572.583	11000.	33.	14377946.447	3791.826	37.8	181.75	5700.	10070.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	12	2.768	2.832	4.041	1.519	0.707	0.841	1.57	2.096	3.698	3.998
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			679.424								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	2.47	2.133	4.72	0.	1.687	1.299	0.198	1.078	2.98	4.231
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	10	2.13	2.051	3.69	0.6	1.016	1.008	0.607	1.18	2.825	3.62
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.155	0.158	0.6	0.	0.028	0.168	0.	0.008	0.228	0.489
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.335	0.259	0.64	0.	0.053	0.229	0.	0.008	0.453	0.589
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	10	0.69	0.629	1.55	0.	0.357	0.598	0.	0.	1.19	1.517

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	12	11.75	12.667	24.	0.9	62.815	7.926	1.89	4.825	21.1	23.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	14.75	15.75	27.	3.	76.705	8.758	4.05	7.25	25.75	26.7
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	40.	46.667	100.	0.	1974.242	44.432	0.	0.	93.75	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	1.75	2.183	5.7	1.2	1.438	1.199	1.29	1.625	2.525	4.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	12	289.5	297.083	360.	256.	1104.811	33.239	256.3	269.25	326.5	353.7
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	12	10.85	11.008	15.8	8.4	5.515	2.348	8.43	8.625	12.85	15.05
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	10	1.25	1.84	4.6	0.5	2.234	1.495	0.5	0.5	3.2	4.52
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.1	8.042	8.8	7.	0.254	0.504	7.09	7.825	8.375	8.71
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.089	7.73	8.8	7.	0.36	0.6	7.09	7.825	8.375	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	12	0.008	0.019	0.1	0.002	0.001	0.029	0.002	0.004	0.015	0.085
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	12	66.	64.667	78.	53.	64.97	8.06	53.9	57.25	69.5	77.7
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	3.	3.583	10.	1.	5.356	2.314	1.3	2.	4.	8.5
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	12	1.42	1.481	1.9	0.95	0.117	0.342	0.992	1.223	1.838	1.885
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	12	0.018	0.019	0.04	0.008	0.	0.01	0.008	0.009	0.027	0.036
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.005	0.008	0.031	0.003	0.	0.008	0.003	0.004	0.008	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.985	1.08	1.7	0.5	0.161	0.402	0.566	0.74	1.475	1.67
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	12	0.375	0.396	0.7	0.2	0.019	0.139	0.2	0.313	0.488	0.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	0.995	1.085	1.7	0.5	0.162	0.402	0.566	0.74	1.475	1.67
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	12	0.01	0.011	0.03	0.	0.	0.009	0.	0.003	0.018	0.027
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	12	0.022	0.023	0.041	0.01	0.	0.012	0.01	0.011	0.033	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	2.45	2.75	5.4	1.4	1.025	1.012	1.55	2.225	3.175	4.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	11	330.	467.	1400.	2.	208914.4	457.072	6.2	33.	790.	1278.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	11	2.519	2.221	3.146	0.301	0.793	0.89	0.513	1.519	2.898	3.096
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			166.509								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	33.	102.364	330.	2.	11360.255	106.584	2.	33.	170.	310.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	1.519	1.638	2.519	0.301	0.574	0.757	0.301	1.519	2.23	2.487
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.421								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	10	1.38	1.748	4.43	0.68	1.29	1.136	0.685	0.903	2.303	4.251
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	10	1.31	1.626	4.64	0.7	1.349	1.162	0.71	0.875	2.003	4.395
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	10	0.13	0.141	0.46	0.	0.023	0.153	0.	0.	0.223	0.443
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	10	0.06	0.144	0.52	0.	0.04	0.2	0.	0.015	0.233	0.519
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	10	0.04	0.217	0.99	0.	0.117	0.343	0.	0.	0.333	0.958

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	12	13.85	14.675	25.1	1.5	46.562	6.824	3.45	9.7	21.125	24.02
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	16.75	18.375	28.5	4.	68.733	8.291	6.1	12.	26.75	28.35
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	25.	38.75	100.	0.	1564.205	39.55	0.	6.25	80.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	2.	41.458	470.	0.8	18215.843	134.966	0.89	1.25	4.975	330.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	12	314.	305.417	376.	113.	4934.447	70.246	155.3	289.75	348.25	375.1
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	12	10.6	10.425	15.2	7.8	3.96	1.99	7.98	8.725	11.3	14.06
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	11	1.5	1.773	5.3	0.5	1.696	1.302	0.52	1.	2.	4.72
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.	8.025	8.6	7.	0.235	0.485	7.15	7.8	8.55	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.	7.746	8.6	7.	0.32	0.565	7.15	7.8	8.55	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	12	0.01	0.018	0.1	0.003	0.001	0.027	0.003	0.003	0.016	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	12	63.	62.333	80.	23.	236.788	15.388	31.4	56.5	72.75	79.4
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	4.5	71.583	810.	1.	54080.811	232.553	1.3	3.	6.5	570.
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	12	1.745	1.708	2.3	0.65	0.216	0.464	0.872	1.423	2.143	2.27
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	12	0.017	0.036	0.2	0.01	0.003	0.053	0.011	0.013	0.031	0.153
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	0.008	0.01	0.033	0.002	0.	0.009	0.002	0.005	0.01	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	11	1.29	1.259	2.	0.49	0.218	0.467	0.51	0.93	1.59	1.956
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	12	0.365	0.457	1.6	0.1	0.157	0.397	0.126	0.2	0.538	1.315
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.25	1.255	2.	0.52	0.198	0.445	0.544	0.98	1.575	1.94
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	12	0.02	0.027	0.09	0.	0.001	0.023	0.003	0.01	0.038	0.075
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	12	0.038	0.101	0.8	0.01	0.049	0.221	0.01	0.027	0.049	0.584
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	3.15	3.892	11.8	1.5	7.015	2.649	1.8	2.825	3.65	9.88
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	11	1100.	25716.818	240000.	2.	5156550088.164	71809.123	8.2	230.	3300.	199000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	11	3.041	2.912	5.38	0.301	1.846	1.359	0.545	2.362	3.519	5.213
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			816.156								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	170.	23123.273	240000.	2.	5188789343.418	72033.252	2.6	31.	490.	194600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	2.23	2.288	5.38	0.301	2.094	1.447	0.381	1.491	2.69	5.127
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			194.04								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	1.17	1.52	4.29	0.41	1.287	1.134	0.424	0.83	1.75	3.992
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	11	1.05	1.262	2.99	0.36	0.704	0.839	0.368	0.6	1.64	2.886
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	0.05	0.287	2.14	0.	0.404	0.636	0.	0.	0.2	1.824
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	11	0.16	0.282	1.76	0.	0.252	0.502	0.	0.01	0.29	1.466
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	11	0.21	0.404	2.24	0.	0.412	0.642	0.01	0.06	0.46	1.926

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	12	13.3	12.908	23.	2.3	57.139	7.559	2.3	5.	19.95	22.91
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	17.5	15.708	29.	1.	117.839	10.855	1.	3.125	24.875	28.55
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	70.	60.417	100.	5.	1715.72	41.421	5.	18.75	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	1.8	18.25	188.	0.9	2868.465	53.558	0.9	1.125	3.75	135.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	12	352.5	385.667	1000.	234.	40414.97	201.035	241.5	278.75	368.25	828.1
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	12	10.7	10.633	13.4	8.4	3.057	1.748	8.4	9.1	12.1	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	12	2.	1.708	2.9	0.5	0.479	0.692	0.56	1.075	2.	2.69
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	12	7.9	7.85	8.1	7.6	0.025	0.157	7.6	7.725	7.975	8.07
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	12	7.9	7.823	8.1	7.6	0.025	0.159	7.6	7.725	7.975	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	12	0.013	0.015	0.025	0.008	0.	0.006	0.009	0.011	0.019	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	12	62.	61.333	78.	39.	121.697	11.032	42.3	55.	71.	76.8
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.017	0.2	0.	0.003	0.058	0.	0.	0.	0.14
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	5.5	26.667	262.	1.	5502.242	74.177	1.	2.25	9.5	186.4
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	12	1.825	1.922	3.41	0.72	0.729	0.854	0.822	1.275	2.748	3.335
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	12	0.019	0.071	0.33	0.008	0.012	0.11	0.008	0.011	0.092	0.31
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.008	0.018	0.068	0.003	0.	0.02	0.003	0.005	0.03	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	1.355	1.308	2.43	0.4	0.304	0.551	0.496	0.863	1.6	2.289
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	12	0.424	0.597	1.618	0.207	0.2	0.447	0.238	0.326	0.642	1.555
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.37	1.324	2.5	0.41	0.322	0.567	0.506	0.863	1.608	2.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	12	0.015	0.026	0.1	0.01	0.001	0.026	0.01	0.01	0.038	0.082
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	11	0.023	0.039	0.188	0.01	0.003	0.052	0.01	0.011	0.034	0.164
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	3.7	4.108	8.1	2.	3.281	1.811	2.12	3.025	4.45	7.83
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	11	1100.	2507.273	7900.	170.	7001741.818	2646.08	202.	490.	4900.	7300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	11	3.041	3.118	3.898	2.23	0.311	0.558	2.288	2.69	3.69	3.856
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1311.184								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	330.	849.909	4900.	49.	1924540.091	1387.278	73.2	170.	790.	4180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/91-12/13/94	11	2.519	2.617	3.69	1.69	0.268	0.517	1.798	2.23	2.898	3.575
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			414.155								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	1.945	3.046	14.3	0.63	13.495	3.674	0.786	1.318	3.133	11.261
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	12	1.46	2.608	12.71	0.67	11.029	3.321	0.718	1.008	2.93	10.049
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.12	0.162	0.66	0.	0.029	0.17	0.018	0.078	0.148	0.546
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/08/91-12/13/94	12	0.155	0.306	1.78	0.	0.253	0.503	0.	0.003	0.34	1.444
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	12	0.505	0.671	1.94	0.	0.351	0.593	0.	0.233	1.145	1.775

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	16	21.2	19.7	25.1	11.7	17.523	4.186	11.77	16.975	22.7	24.33
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	16	25.5	23.344	28.5	9.5	37.324	6.109	11.6	22.125	27.375	28.15
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	16	17.5	30.938	100.	0.	1430.729	37.825	0.	0.	52.5	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	16	1.65	2.925	25.	0.8	34.834	5.902	0.87	1.125	1.775	9.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	16	333.5	305.875	376.	186.	3152.383	56.146	219.6	257.5	349.	369.
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	16	8.65	9.006	11.	7.8	0.793	0.89	8.22	8.4	9.45	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	14	1.95	1.579	2.5	0.5	0.479	0.692	0.5	0.875	2.025	2.35
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	16	7.9	7.838	8.2	7.	0.068	0.26	7.42	7.8	7.975	8.06
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	16	7.9	7.725	8.2	7.	0.081	0.285	7.42	7.8	7.975	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	16	0.013	0.019	0.1	0.006	0.	0.022	0.009	0.011	0.016	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	16	72.5	70.313	93.	40.	159.829	12.642	50.5	64.25	78.	87.4
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	16	3.5	5.063	23.	1.	29.129	5.397	1.	2.	6.5	13.9
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	15	1.44	1.351	1.85	0.72	0.12	0.347	0.762	1.15	1.53	1.85
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	16	0.02	0.021	0.044	0.008	0.	0.011	0.008	0.012	0.028	0.041
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	14	0.005	0.006	0.033	0.002	0.	0.008	0.002	0.004	0.005	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	14	0.87	0.904	1.5	0.29	0.139	0.373	0.345	0.665	1.175	1.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	16	0.439	0.431	0.7	0.15	0.017	0.131	0.255	0.328	0.5	0.63
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	15	0.94	0.921	1.5	0.29	0.131	0.362	0.362	0.72	1.1	1.452
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	16	0.02	0.017	0.04	0.	0.	0.009	0.007	0.01	0.02	0.033
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	16	0.03	0.033	0.096	0.01	0.	0.02	0.01	0.024	0.037	0.062
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	16	3.45	3.8	8.1	1.9	2.397	1.548	2.32	2.625	4.45	6.42
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	15	790.	3035.067	22000.	33.	32282195.21	5681.742	33.	330.	3500.	13540.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	15	2.898	2.928	4.342	1.519	0.618	0.786	1.519	2.519	3.544	4.076
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			846.735								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	14	1.53	1.539	2.47	0.36	0.357	0.597	0.555	1.215	1.978	2.43
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	14	0.575	0.631	1.24	0.	0.185	0.43	0.03	0.218	1.038	1.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	20	4.85	6.18	13.7	0.9	16.555	4.069	1.51	2.3	9.525	12.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	20	8.5	7.425	17.5	-2.	35.323	5.943	1.	4.5	11.75	16.9
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	20	87.5	69.	100.	0.	1385.789	37.226	5.5	30.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	20	3.1	37.525	470.	1.4	12059.757	109.817	1.5	1.85	8.775	171.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	20	313.	397.3	1475.	113.	93392.432	305.602	189.4	276.	367.75	942.7
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	20	12.55	12.65	15.8	10.2	2.537	1.593	10.46	11.3	13.475	15.17
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	18	1.75	2.033	5.3	0.5	2.187	1.479	0.5	0.75	3.125	4.49
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	20	8.15	8.145	8.8	7.3	0.192	0.438	7.51	7.8	8.575	8.69
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	20	8.125	7.938	8.8	7.3	0.237	0.487	7.51	7.8	8.575	8.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	20	0.008	0.012	0.05	0.002	0.	0.012	0.002	0.003	0.016	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	20	56.	57.65	108.	23.	309.187	17.584	39.1	46.25	67.75	77.4
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	20	0.	0.03	0.4	0.	0.01	0.098	0.	0.	0.	0.18
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	20	4.5	58.25	810.	1.	34610.303	186.038	2.	3.	10.	237.3
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	20	1.875	1.88	3.41	0.6	0.617	0.786	0.691	1.353	2.275	3.146
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	20	0.02	0.066	0.33	0.008	0.009	0.094	0.008	0.014	0.102	0.258
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	20	0.008	0.014	0.068	0.003	0.	0.017	0.003	0.004	0.016	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	20	1.385	1.319	2.43	0.35	0.335	0.579	0.5	0.725	1.76	1.996
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	20	0.327	0.549	1.618	0.1	0.242	0.492	0.188	0.213	0.648	1.581
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	20	1.4	1.333	2.5	0.35	0.342	0.585	0.528	0.74	1.775	2.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	20	0.01	0.025	0.1	0.	0.001	0.031	0.	0.	0.038	0.089
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	20	0.021	0.075	0.8	0.003	0.031	0.177	0.01	0.01	0.045	0.183
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	19	3.2	4.063	11.8	1.4	7.296	2.701	1.5	2.2	5.4	7.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	19	490.	15575.579	240000.	2.	3016024674.813	54918.346	2.	130.	3300.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	19	2.69	2.715	5.38	0.301	1.595	1.263	0.301	2.114	3.519	4.544

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			519.257								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	17	1.12	2.349	12.71	0.4	8.68	2.946	0.616	0.75	2.99	6.254
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	17	0.	0.339	2.24	0.	0.474	0.688	0.	0.	0.235	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/85-12/13/94	12	17.45	17.417	22.7	10.6	15.702	3.963	10.69	15.075	21.2	22.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/07/86-12/13/94	12	24.5	22.333	29.	12.	32.379	5.69	12.	19.125	26.	28.7
00032	CLOUD COVER (PERCENT)	01/07/86-12/13/94	12	30.	39.167	100.	0.	1285.606	35.855	1.5	10.	72.5	98.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/07/86-12/13/94	12	1.7	2.017	6.1	1.1	1.796	1.34	1.13	1.325	2.	4.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/16/85-12/13/94	12	306.5	304.167	361.	229.	967.97	31.112	246.4	289.25	319.75	349.3
00300	OXYGEN, DISSOLVED MG/L	01/16/85-12/13/94	12	9.55	9.675	11.4	8.	1.369	1.17	8.12	8.5	10.9	11.37
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/85-12/13/94	12	1.35	1.7	4.6	0.5	1.395	1.181	0.56	0.775	2.275	4.12
00400	PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.	8.033	8.8	7.	0.199	0.446	7.24	7.825	8.25	8.74
00400	CONVERTED PH (STANDARD UNITS)	01/16/85-12/13/94	12	8.	7.78	8.8	7.	0.269	0.519	7.24	7.825	8.25	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/85-12/13/94	12	0.01	0.017	0.1	0.002	0.001	0.027	0.002	0.006	0.015	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/85-12/13/94	12	59.	60.	72.	53.	34.182	5.847	53.	56.	63.75	70.8
00480	SALINITY - PARTS PER THOUSAND	01/07/86-12/13/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/86-12/13/94	12	3.5	4.25	10.	1.	6.932	2.633	1.3	2.25	5.75	9.4
00600	NITROGEN, TOTAL (MG/L AS N)	01/16/85-12/13/94	11	1.8	1.678	2.15	1.23	0.092	0.303	1.232	1.33	1.88	2.106
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/16/85-12/13/94	11	0.016	0.02	0.032	0.01	0.	0.008	0.01	0.012	0.029	0.032
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	0.01	0.013	0.031	0.006	0.	0.008	0.006	0.008	0.019	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/07/86-12/13/94	12	1.28	1.168	1.66	0.66	0.12	0.346	0.708	0.823	1.46	1.639
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/85-12/13/94	11	0.47	0.466	0.85	0.2	0.035	0.188	0.201	0.35	0.574	0.81
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/07/86-12/13/94	12	1.3	1.182	1.67	0.68	0.12	0.346	0.725	0.833	1.47	1.649
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/85-12/13/94	11	0.01	0.018	0.04	0.	0.	0.013	0.002	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/16/85-12/13/94	10	0.029	0.032	0.081	0.012	0.	0.021	0.012	0.015	0.039	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/07/86-12/13/94	12	2.95	3.1	4.7	2.3	0.516	0.719	2.3	2.5	3.55	4.49
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/85-12/13/94	11	1300.	9082.636	54000.	49.	325451428.455	18040.272	73.2	490.	3300.	50200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/85-12/13/94	11	3.114	3.189	4.732	1.69	0.778	0.882	1.798	2.69	3.519	4.695
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1544.445								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/07/86-12/13/94	12	1.46	1.706	3.69	0.6	1.082	1.04	0.6	0.847	2.625	3.546
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/03/86-12/13/94	12	0.435	0.529	1.55	0.	0.273	0.522	0.	0.08	0.813	1.502

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0464

NPS Station ID: GWMP0464
LAT/LON: 38.975281/ -77.100003
Agency: 21MDMONT
Date Created: / /
Location: WILLET BRANCH AT B AND O RR
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30170 /WIB-001.14
RMI-Indexes: 0214001 002720 00070
Within Park Boundary: No
RMI-Miles: 0115.42 0002.20 001.14
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 17.00
On/Off RF1:
RF3 Index: 02070008077900.00
RF3 Mile Point: 0.14
Distance from RF3: 0.01
On/Off RF3:
Description:
STATION ESTABLISHED ON WILLETT BRANCH NEAR HILLANDALE ROAD FIFTY FT DOWN STREAM FROM STORM DRAIN EXIT BENEATH BALTIMORE AND OHIO RAILROAD TRACK S. STATION ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	147	14.	13.986	25.	0.	38.301	6.189	6.	10.	19.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	148	14.	13.723	30.	-3.	70.46	8.394	5.	6.5	21.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	152	25.	42.599	100.	0.	1852.97	43.046	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	69	5.	10.5	73.	0.	196.904	14.032	1.	3.	11.5	29.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-12/09/80	35	5.	22.591	190.	1.2	1895.933	43.542	1.58	2.4	22.	77.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	147	7.9	7.29	13.2	2.4	5.962	2.442	3.76	5.6	8.9	10.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	78	73.85	71.491	109.7	15.8	335.732	18.323	47.59	60.975	85.25	90.43
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	98	4.85	6.138	22.	0.	23.26	4.823	1.59	2.6	8.	14.04
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	138	7.8	7.893	9.8	6.5	0.415	0.644	7.09	7.5	8.4	8.71
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	138	7.8	7.514	9.8	6.5	0.559	0.748	7.09	7.5	8.4	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	138	0.016	0.031	0.316	0.	0.002	0.045	0.002	0.004	0.032	0.081
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	104	7.95	8.117	10.3	6.9	0.648	0.805	7.2	7.425	8.7	9.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	104	7.947	7.652	10.3	6.9	0.867	0.931	7.2	7.425	8.7	9.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	104	0.011	0.022	0.126	0.	0.001	0.026	0.001	0.002	0.038	0.063
00500	RESIDUE, TOTAL (MG/L)	01/28/76-12/09/80	51	359.	423.196	3187.	31.	167063.281	408.734	276.8	318.	426.	505.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	104	2.68	2.951	7.55	0.7	1.454	1.206	1.795	2.085	3.593	4.64
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	97	0.51	0.965	6.67	0.03	1.164	1.079	0.118	0.205	1.52	2.188
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/24/80-12/09/80	12	7650.	28865.5	240000.	36.	4510312610.273	67158.861	250.2	1500.	24000.	175200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/24/80-12/09/80	12	3.837	3.721	5.38	1.556	0.934	0.966	1.952	3.176	4.38	5.08
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5262.306								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	92	44500.	129083.043	2400000.	430.	87345790423.602	295543.212	4300.	11000.	140000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	92	4.648	4.573	6.38	2.633	0.519	0.721	3.633	4.041	5.142	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			37384.778								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	92	9300.	75945.337	2400000.	91.	68828539551.435	262351.938	526.	2300.	43000.	240000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	92	3.968	3.984	6.38	1.959	0.851	0.922	2.706	3.362	4.633	5.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			9639.545								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	12	1950.	24214.667	240000.	36.	4664387955.879	68296.325	154.2	795.	9325.	175200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/80-12/09/80	12	3.278	3.386	5.38	1.556	0.917	0.958	1.879	2.898	3.939	5.08
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2429.803								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/05/73-01/05/73	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/05/73-01/05/73	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4300.								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/15/80-12/09/80	6	0.75	1.062	2.92	0.5	0.842	0.918	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0464

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	5	0.14	12	0	0.00	14	4	0.29	9	1	0.11			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	147	19	0.13	46	16	0.35	60	3	0.05	41	0	0.00			
00400	PH	Other-Hi Lim.	9.	138	7	0.05	40	2	0.05	59	3	0.05	39	2	0.05			
		Other-Lo Lim.	6.5	138	1	0.01	40	0	0.00	59	1	0.02	39	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	104	19	0.18	33	6	0.18	44	10	0.23	27	3	0.11			
		Other-Lo Lim.	6.5	104	0	0.00	33	0	0.00	44	0	0.00	27	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	104	0	0.00	33	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	10	0.83	4	3	0.75	5	4	0.80	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	92	90	0.98	29	29	1.00	39	37	0.95	24	24	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	92	90	0.98	29	29	1.00	39	37	0.95	24	24	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	11	0.92	4	4	1.00	5	4	0.80	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	49	17.	15.776	24.	1.	41.344	6.43	7.	10.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	49	17.	16.	30.	-2.	73.167	8.554	5.	10.	24.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	49	25.	36.735	100.	0.	1799.532	42.421	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	49	6.2	6.206	10.6	2.5	5.274	2.296	3.1	4.2	8.45	8.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	31	64.5	65.794	98.9	35.2	248.267	15.756	44.28	55.7	76.8	85.36
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	47	8.	8.085	9.8	7.	0.326	0.571	7.46	7.7	8.5	8.84
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	47	8.	7.799	9.8	7.	0.41	0.64	7.46	7.7	8.5	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	47	0.01	0.016	0.1	0.	0.	0.019	0.001	0.003	0.02	0.035
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	1	93000.	93000.	93000.	93000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	1	4.968	4.968	4.968	4.968	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			93000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	1	4.362	4.362	4.362	4.362	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			23000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	21	12.	13.048	22.	5.	30.848	5.554	6.	8.	18.	21.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	21	13.	11.714	25.	-3.	76.014	8.719	4.	6.5	20.5	23.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	24	50.	51.042	100.	0.	1873.868	43.288	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	22	7.35	7.018	12.2	2.4	7.062	2.657	3.43	4.725	9.2	10.28
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	24	7.1	8.192	21.3	0.	29.511	5.432	0.25	4.625	11.4	16.2
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	17	8.1	8.053	9.6	6.6	0.561	0.749	7.08	7.6	8.35	9.44
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	17	8.1	7.54	9.6	6.6	0.841	0.917	7.08	7.6	8.35	9.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	17	0.008	0.029	0.251	0.	0.004	0.059	0.	0.004	0.025	0.101
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	24	7.7	8.096	9.4	7.1	0.548	0.74	7.3	7.425	8.875	9.1
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	24	7.7	7.68	9.4	7.1	0.729	0.854	7.3	7.425	8.875	9.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	24	0.02	0.021	0.079	0.	0.	0.022	0.001	0.001	0.038	0.051
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	24	2.095	2.253	4.44	1.47	0.321	0.567	1.745	1.968	2.423	2.75
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	24	1.73	1.733	3.23	0.7	0.425	0.652	0.775	1.295	2.	2.84
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	93000.	301733.333	2400000.	4300.278	015255362.319	527271.52	12150.	28750.	240000.	1015000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	4.968	5.02	6.38	3.633	0.458	0.677	4.072	4.444	5.38	6.005
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			104775.859								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	68000.	215901.25	2400000.	230.234	622712124.457	484378.687	2900.	23000.	240000.	460000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	4.801	4.722	6.38	2.362	0.77	0.877	3.405	4.362	5.38	5.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			52751.936								

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Annual Analysis for 1973 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	20	15.	15.6	25.	2.	35.621	5.968	8.2	11.25	20.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	20	16.5	14.7	24.	2.	57.063	7.554	3.2	7.25	21.	23.9
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	20	50.	55.	100.	0.	1881.579	43.377	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	20	7.65	7.2	10.7	3.8	3.982	1.996	4.26	5.625	8.975	9.18

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Annual Analysis for 1973 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	20	3.9	4.615	17.4	0.7	15.414	3.926	1.31	2.025	5.875	9.76
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.6	7.688	8.5	7.	0.184	0.428	7.24	7.35	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	17	7.6	7.527	8.5	7.	0.211	0.459	7.24	7.35	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	17	0.025	0.03	0.1	0.003	0.001	0.024	0.003	0.01	0.045	0.06
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	20	8.15	8.355	9.7	7.3	0.531	0.729	7.42	7.7	9.075	9.29
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	20	8.147	7.929	9.7	7.3	0.722	0.85	7.42	7.7	9.075	9.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	20	0.007	0.012	0.05	0.	0.	0.014	0.001	0.001	0.02	0.038
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	20	2.765	3.018	4.58	1.64	0.636	0.797	2.082	2.478	3.555	4.463
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	19	0.33	0.571	1.69	0.14	0.215	0.463	0.15	0.26	0.99	1.47
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	20	46000.	73625.	240000.	4300.	6587033552.632	81160.542	4800.	10725.	105750.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	20	4.663	4.578	5.38	3.633	0.312	0.559	3.667	4.02	5.023	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			37835.957								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	20	5900.	26263.	240000.	430.	3200891916.842	56576.425	597.	2300.	13575.	103600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	20	3.754	3.828	5.38	2.633	0.5	0.707	2.702	3.362	4.124	5.004
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6736.356								

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Annual Analysis for 1974 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	12.	12.	20.	4.	22.857	4.781	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	11.5	11.875	21.	4.	36.411	6.034	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	50.	46.875	100.	0.	1863.839	43.172	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	8	8.9	8.675	10.2	5.6	2.082	1.443	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	8	7.95	8.025	16.7	1.5	19.614	4.429	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.55	7.838	9.8	6.9	1.031	1.016	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.482	7.32	9.8	6.9	1.337	1.156	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.033	0.048	0.126	0.	0.002	0.049	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	8	8.5	8.663	10.3	7.5	1.317	1.148	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	8	8.5	7.923	10.3	7.5	1.941	1.393	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	8	0.003	0.012	0.032	0.	0.	0.015	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	8	4.325	4.336	7.55	2.44	2.494	1.579	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	1.72	1.723	4.53	0.18	1.965	1.402	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	23500.	83026.25	460000.	910.24	079178941.071	155174.672	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	4.371	4.317	5.663	2.959	0.734	0.857	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			20730.022								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	5900.	9533.875	39000.	91.	168709642.982	12988.828	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	3.754	3.418	4.591	1.959	0.912	0.955	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2621.036								

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Annual Analysis for 1976 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	16.5	15.5	20.	6.	21.714	4.66	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	13.5	14.	25.	-1.	58.857	7.672	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	12.5	37.5	100.	0.	2142.857	46.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	8	8.6	8.988	12.2	7.4	2.161	1.47	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	8	87.85	88.375	97.6	80.4	22.776	4.772	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	8	2.35	2.6	5.4	1.2	1.586	1.259	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.3	7.313	7.9	6.5	0.221	0.47	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.255	7.083	7.9	6.5	0.281	0.53	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.056	0.083	0.316	0.013	0.01	0.1	**	**	**	**

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Annual Analysis for 1976 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	8	7.55	7.638	8.1	7.4	0.071	0.267	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	8	7.547	7.579	8.1	7.4	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	8	0.028	0.026	0.04	0.008	0.	0.012	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	8	3.5	3.323	3.93	2.52	0.279	0.528	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	0.205	0.288	0.75	0.11	0.045	0.213	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	46000.	91500.	240000.	11000.	9353714285.714	96714.602	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	4.663	4.716	5.38	4.041	0.265	0.515	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			51955.108								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	6800.	37023.75	240000.	360.	6792314283.929	82415.498	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	3.801	3.803	5.38	2.556	0.78	0.883	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6355.099								

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Annual Analysis for 1977 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	7	8.	9.429	22.	0.	51.286	7.161	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	8	4.	11.	26.	-2.	77.429	8.799	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	8	25.	34.375	100.	0.	1417.411	37.649	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	7	7.7	8.4	13.2	5.6	7.53	2.744	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	7	64.7	61.8	90.4	15.8	585.84	24.204	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	8	6.1	7.15	18.	1.9	25.246	5.025	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.55	7.525	8.3	6.8	0.282	0.531	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	8	7.525	7.272	8.3	6.8	0.355	0.596	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	8	0.03	0.053	0.158	0.005	0.003	0.057	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	8	7.25	7.462	8.4	6.9	0.271	0.521	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	8	7.247	7.275	8.4	6.9	0.312	0.558	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	8	0.057	0.053	0.126	0.004	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	8	2.25	2.558	4.5	1.6	0.944	0.971	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	8	1.05	2.026	6.67	0.29	4.891	2.212	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	44500.	106037.5	240000.	4300.12504	125535.714	111821.847	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	8	4.648	4.686	5.38	3.633	0.438	0.662	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			48583.808								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	24000.	80875.	240000.	2300.10879	345000.	104304.099	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	8	4.38	4.367	5.38	3.362	0.719	0.848	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			23291.939								

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Annual Analysis for 1978 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	12.	12.909	24.	1.	58.491	7.648	1.4	7.	21.	23.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	13.	13.364	30.	-2.	125.055	11.183	6.2	9.	26.	29.6
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	11	25.	40.909	100.	0.	2284.091	47.792	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	10	8.35	7.92	12.5	3.3	7.171	2.678	3.41	5.975	9.2	12.29
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	10	73.3	69.71	88.	30.	292.154	17.093	32.	66.575	80.35	87.31
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	9	2.9	3.067	4.7	1.6	1.565	1.251	1.6	1.85	4.35	4.7
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.5	7.682	8.9	7.	0.532	0.729	7.	7.1	8.5	8.9
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.5	7.358	8.9	7.	0.647	0.805	7.	7.1	8.5	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	11	0.032	0.044	0.1	0.001	0.001	0.037	0.001	0.003	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	11	7.3	7.582	8.5	7.1	0.332	0.576	7.1	7.1	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	11	7.3	7.346	8.5	7.1	0.393	0.627	7.1	7.1	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	11	0.05	0.045	0.079	0.003	0.001	0.033	0.003	0.005	0.079	0.079

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Annual Analysis for 1978 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	11	2.4	2.627	5.6	0.7	2.438	1.561	0.72	1.1	3.2	5.46
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	11	0.37	0.427	1.02	0.12	0.073	0.269	0.126	0.2	0.57	0.954
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	11	24000.	42018.182	240000.	2300.	4599695636.364	67821.056	2700.	9300.	46000.	201200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	11	4.38	4.282	5.38	3.362	0.318	0.564	3.416	3.968	4.663	5.237
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			19144.411								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	11	4300.	14897.273	110000.	900.	1024091181.818	32001.425	902.	930.	15000.	91000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	11	3.633	3.622	5.041	2.954	0.456	0.675	2.955	2.968	4.176	4.868
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4187.035								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	13.5	12.167	19.	0.	31.242	5.589	2.4	8.	17.25	18.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	12	13.5	11.833	23.	-2.	55.97	7.481	2.4	5.5	17.75	21.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	12	62.5	54.167	100.	0.	2140.152	46.262	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	12	8.8	8.917	12.4	6.	3.545	1.883	6.3	7.35	9.95	12.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	12	77.45	81.475	109.7	63.1	196.533	14.019	64.72	74.225	85.25	109.01
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	9	6.1	6.5	22.	1.4	39.528	6.287	1.4	2.25	7.5	22.
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.8	7.927	8.8	6.8	0.42	0.648	6.82	7.7	8.5	8.74
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	11	7.8	7.472	8.8	6.8	0.648	0.805	6.82	7.7	8.5	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	11	0.016	0.034	0.158	0.002	0.003	0.055	0.002	0.003	0.02	0.152
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	12	8.15	8.133	9.	7.2	0.475	0.689	7.2	7.45	8.925	9.
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	12	8.147	7.721	9.	7.2	0.66	0.813	7.2	7.45	8.925	9.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	12	0.007	0.019	0.063	0.001	0.001	0.024	0.001	0.001	0.036	0.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	12	3.65	3.683	7.1	1.2	2.52	1.587	1.44	2.275	4.675	6.47
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	12	0.155	0.248	0.97	0.09	0.06	0.246	0.093	0.11	0.305	0.793
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	6950.	30152.5	240000.	430.	4531709620.455	67317.974	991.	2800.	21750.	181800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	12	3.816	3.902	5.38	2.633	0.497	0.705	2.852	3.43	4.329	5.165
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7978.196								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	2300.	6145.833	46000.	430.	164002735.606	12806.355	430.	510.	4300.	34990.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	12	3.362	3.31	4.663	2.633	0.379	0.615	2.633	2.694	3.633	4.454
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2040.903								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	11.	11.182	19.	3.	20.364	4.513	3.6	9.	13.	18.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	11	12.	11.182	21.	-3.	60.564	7.782	0.8	-3.	16.	20.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	12	0.	25.	100.	0.	1590.909	39.886	0.	0.	50.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	11	7.9	7.536	10.8	2.4	7.217	2.686	2.68	6.	10.2	10.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	10	78.75	72.23	92.	17.7	528.896	22.998	21.1	61.6	89.1	91.83
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	11	5.7	6.727	18.	2.8	23.908	4.89	2.8	3.2	7.	17.2
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	11	8.1	8.045	8.5	7.4	0.221	0.47	7.42	7.6	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	11	8.1	7.834	8.5	7.4	0.27	0.52	7.42	7.6	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	11	0.008	0.015	0.04	0.003	0.	0.014	0.003	0.003	0.025	0.038
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	12	8.55	8.7	10.2	7.5	0.658	0.811	7.56	8.2	9.175	10.14
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	12	8.547	8.2	10.2	7.5	0.931	0.965	7.56	8.2	9.175	10.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	12	0.003	0.006	0.032	0.	0.	0.01	0.	0.001	0.007	0.028
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	12	2.85	3.042	4.8	1.7	1.052	1.026	1.76	2.225	4.075	4.71
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	6	0.07	0.093	0.2	0.03	0.004	0.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	46	21.	19.609	25.	8.	15.577	3.947	12.7	18.	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	47	21.	20.298	30.	6.	34.562	5.879	10.6	16.	24.	28.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	50	25.	35.5	100.	0.	1634.949	40.435	0.	0.	75.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	21	3.	9.619	73.	0.5	272.573	16.51	1.	1.25	9.5	27.8
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	46	4.95	5.207	8.6	2.4	3.256	1.804	3.1	3.575	6.8	7.93
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	21	72.7	65.067	88.7	30.	289.943	17.028	36.12	53.4	77.1	86.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	31	3.9	5.435	21.3	0.	20.168	4.491	1.48	2.8	6.4	13.24
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	40	8.	7.977	9.2	7.	0.237	0.487	7.41	7.625	8.275	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	40	8.	7.74	9.2	7.	0.295	0.543	7.41	7.625	8.275	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	40	0.01	0.018	0.1	0.001	0.	0.022	0.003	0.005	0.024	0.039
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	33	8.1	8.158	10.	6.9	0.553	0.744	7.2	7.6	8.75	9.12
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	33	8.1	7.694	10.	6.9	0.774	0.88	7.2	7.6	8.75	9.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	33	0.008	0.02	0.126	0.	0.001	0.028	0.001	0.002	0.025	0.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	33	2.37	2.386	4.3	0.7	0.657	0.811	1.3	1.995	2.765	3.654
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	28	0.395	0.861	3.2	0.1	0.793	0.891	0.128	0.22	1.523	2.503
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	29	46000.	98431.034	460000.	4600.11771687	216.749	108497.406	9300.	24000.	150000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	29	4.663	4.715	5.663	3.663	0.29	0.538	3.968	4.38	5.176	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			51857.714								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	29	15000.	59491.379	460000.	750.10324704	398.03	101610.553	930.	4300.	69500.	240000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	29	4.176	4.189	5.663	2.875	0.652	0.807	2.968	3.633	4.816	5.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			15455.959								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	60	9.	8.35	16.	0.	14.909	3.861	2.1	6.	11.	12.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	60	9.	6.25	18.	-3.	29.581	5.439	2.1	5.	10.	14.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	61	50.	54.508	100.	0.	1948.087	44.137	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	30	6.	12.433	58.	0.	205.22	14.325	2.1	3.75	18.	38.7
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	60	9.	8.71	13.2	2.4	5.077	2.253	5.7	8.025	9.95	11.52
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	30	73.2	72.317	109.7	15.8	457.554	21.391	51.07	59.8	86.8	97.04
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	41	6.2	6.868	22.	0.4	26.756	5.173	1.34	2.45	9.1	16.24
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	59	7.8	7.893	9.8	6.5	0.503	0.709	7.	7.4	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	59	7.8	7.474	9.8	6.5	0.681	0.826	7.	7.4	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	59	0.016	0.034	0.316	0.	0.003	0.052	0.002	0.003	0.04	0.1
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	44	8.1	8.2	10.3	7.1	0.854	0.924	7.15	7.4	8.9	9.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	44	8.1	7.639	10.3	7.1	1.176	1.085	7.15	7.4	8.9	9.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	44	0.008	0.023	0.079	0.	0.001	0.026	0.	0.001	0.04	0.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	44	3.	3.279	7.1	1.1	1.728	1.314	1.77	2.3	4.408	4.885
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	42	0.67	1.	6.67	0.03	1.398	1.182	0.123	0.248	1.495	2.252
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	39	23000.	80844.615	1100000.	430.36508843	983.401	191072.876	2300.	4300.	46000.	240000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	39	4.362	4.295	6.041	2.633	0.557	0.746	3.362	3.633	4.663	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			19718.517								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	39	4300.	37845.41	460000.	91. 8830585	538.406	93971.195	430.	2300.	23000.	240000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	39	3.633	3.736	5.663	1.959	0.728	0.853	2.633	3.362	4.362	5.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5451.253								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/09/80	41	16.	15.927	22.	8.	12.42	3.524	12.	13.	19.	20.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/09/80	41	17.	17.122	27.	4.	29.16	5.4	11.	13.	21.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/09/80	41	25.	33.537	100.	0.	1706.555	41.31	0.	0.	75.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-12/13/77	18	4.5	8.306	43.	0.	104.21	10.208	2.25	3.	9.75	21.4
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/09/80	41	8.1	7.551	10.2	4.3	2.523	1.588	5.28	6.05	8.8	9.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/09/80	27	77.3	75.57	98.9	46.6	209.499	14.474	49.54	64.5	86.9	91.46
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/09/80	26	4.4	5.823	18.	1.4	21.647	4.653	1.81	2.475	7.425	15.58
00400	PH (STANDARD UNITS)	01/22/71-12/09/80	39	7.7	7.805	9.6	6.6	0.469	0.685	6.9	7.3	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/09/80	39	7.7	7.41	9.6	6.6	0.63	0.794	6.9	7.3	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/09/80	39	0.02	0.039	0.251	0.	0.003	0.051	0.003	0.004	0.05	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/09/80	27	7.7	7.933	9.4	7.1	0.426	0.653	7.2	7.4	8.5	9.12
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/09/80	27	7.7	7.625	9.4	7.1	0.525	0.725	7.2	7.4	8.5	9.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/09/80	27	0.02	0.024	0.079	0.	0.	0.022	0.001	0.003	0.04	0.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/09/80	27	2.88	3.105	7.55	1.89	1.48	1.217	1.898	2.19	3.46	4.72
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-06/12/80	27	0.45	1.019	4.53	0.06	1.252	1.119	0.086	0.19	1.56	2.426
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	93000.	244508.333	2400000.	2300.251	903215579.71	501899.607	6800.	23250.	240000.	695000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-12/04/79	24	4.968	4.852	6.38	3.362	0.544	0.737	3.801	4.366	5.38	5.816
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			71191.246								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	9300.	157739.583	2400000.	230.235	378788465.036	485158.519	395.	2150.	105750.	240000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-12/04/79	24	3.968	4.139	6.38	2.362	1.187	1.09	2.595	3.332	5.023	5.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			13758.968								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0465

NPS Station ID: GWMP0465
LAT/LON: 38.975837/ -77.183060
Agency: 21MDMONT
Date Created: / /
Location: ROCK RUN AT MACARTHUR BLVD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30100 /RKR-000.53
RMI-Indexes: 0214001 002900
Within Park Boundary: No
RMI-Miles: 0121.00 0000.53
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008001
RF1 Mile Point: 4.790
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000303.10
RF3 Mile Point: 11.19
Distance from RF3: 0.07
On/Off RF3:
Description:
STATION ESTABLISHED ON ROCK RUN ON MACARTHUR BLVD FIFTY YARDS DOWNSTREAM FROM BRIDGE CROSSING ON MACARTHUR BLVD. ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	153	12.	11.953	26.	-1.	49.365	7.026	3.	6.	19.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	152	14.5	13.959	29.	-11.	75.221	8.673	4.	8.	22.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	157	25.	46.815	100.	0.	1872.805	43.276	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	08/16/78-09/18/80	24	0.16	0.241	1.6	0.02	0.098	0.313	0.035	0.08	0.275	0.44
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	72	5.	16.528	235.	0.	1126.633	33.565	0.3	2.125	13.75	51.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	5.6	12.153	175.	1.	830.211	28.813	1.78	2.675	9.5	22.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	147	10.8	10.78	14.6	5.8	3.171	1.781	8.4	9.3	12.	13.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	81	94.9	94.864	128.5	61.1	113.593	10.658	82.24	88.25	101.	109.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	106	1.1	1.35	4.	0.1	0.88	0.938	0.37	0.6	1.825	2.73
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	141	7.4	7.448	9.4	6.2	0.32	0.565	6.8	7.1	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	141	7.4	7.172	9.4	6.2	0.396	0.629	6.8	7.1	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	141	0.04	0.067	0.631	0.	0.006	0.078	0.008	0.016	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	108	7.2	7.199	8.5	6.1	0.153	0.391	6.6	6.925	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	108	7.2	7.015	8.5	6.1	0.187	0.433	6.6	6.925	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	108	0.063	0.097	0.794	0.003	0.012	0.112	0.02	0.032	0.119	0.251
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	97.5	109.536	597.	51.	5355.744	73.183	70.4	78.5	113.75	141.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	108	1.16	1.319	3.71	0.05	0.523	0.723	0.454	0.8	1.798	2.237
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	100	0.09	0.155	1.46	0.	0.037	0.192	0.02	0.04	0.223	0.398
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	13	930.	4906.923	46000.	230.	153910073.077	12406.05	230.	670.	2400.	29440.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-08/13/86	13	2.968	3.142	4.663	2.362	0.362	0.602	2.362	2.796	3.38	4.263
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1386.552								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	96	1025.	12851.479	240000.	23.	1097550360.673	33129.298	185.	430.	4600.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	96	3.01	3.259	5.38	1.362	0.759	0.871	2.264	2.633	3.663	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1814.769								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	96	220.	1284.115	46000.	9.	27480059.387	5242.143	20.6	70.	430.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	96	2.342	2.296	4.663	0.954	0.566	0.752	1.306	1.845	2.633	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			197.611								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	91.	162.	1100.	15.	88128.667	296.865	15.	15.	120.5	804.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	1.959	1.802	3.041	1.176	0.336	0.58	1.176	1.176	2.068	2.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			63.397								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	19	0.37	0.582	2.73	0.18	0.423	0.651	0.18	0.33	0.48	2.03

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EPA Water Quality Criteria Analysis for Station: GWMP0465

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	1	0.03	14	1	0.07	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	147	0	0.00	51	0	0.00	56	0	0.00	40	0	0.00			
00400	PH	Other-Hi Lim.	9.	141	2	0.01	44	2	0.05	57	0	0.00	40	0	0.00			
		Other-Lo Lim.	6.5	141	2	0.01	44	1	0.02	57	1	0.02	40	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	108	7	0.06	37	2	0.05	44	4	0.09	27	1	0.04			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	6	0.46	6	4	0.67	4	2	0.50	3	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	96	48	0.50	32	16	0.50	40	18	0.45	24	14	0.58			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	96	49	0.51	32	16	0.50	40	17	0.43	24	16	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	2	0.15	6	1	0.17	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	47	15.	13.511	26.	0.	57.647	7.593	2.4	8.	21.	22.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	47	17.	15.681	29.	-2.	78.352	8.852	5.	-1.	24.	26.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	48	25.	39.063	100.	0.	1806.017	42.497	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	44	10.8	10.723	13.6	8.3	1.511	1.229	9.1	9.75	11.4	12.45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	28	99.1	98.764	128.5	73.8	128.765	11.347	84.37	91.375	105.05	115.15
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	46	7.9	7.959	9.4	7.	0.269	0.519	7.34	7.6	8.15	8.8
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	46	7.9	7.713	9.4	7.	0.331	0.575	7.34	7.6	8.15	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	46	0.013	0.019	0.1	0.	0.	0.021	0.002	0.007	0.025	0.047

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	23	12.	10.826	21.	2.	40.241	6.344	2.	6.	17.	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	23	13.	12.261	28.	0.	65.747	8.108	0.4	6.	18.	22.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	24	62.5	51.042	100.	0.	2091.259	45.73	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	22	11.55	10.868	14.5	7.7	4.183	2.045	7.98	8.725	12.625	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	24	1.3	1.563	4.	0.3	0.869	0.932	0.5	0.825	2.1	3.
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	15	7.7	7.74	8.5	7.	0.124	0.352	7.18	7.6	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	15	7.7	7.605	8.5	7.	0.144	0.379	7.18	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	15	0.02	0.025	0.1	0.003	0.001	0.024	0.007	0.01	0.025	0.07
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.4	7.354	7.7	6.9	0.073	0.27	6.9	7.125	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.4	7.271	7.7	6.9	0.08	0.283	6.9	7.125	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.04	0.054	0.126	0.02	0.001	0.035	0.02	0.025	0.075	0.126
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	1.585	1.628	2.6	1.06	0.149	0.387	1.125	1.268	1.863	2.14
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.215	0.224	0.49	0.02	0.017	0.13	0.06	0.11	0.28	0.445
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	930.	15098.583	93000.	23.	980899614.341	31319.317	136.5	430.	8050.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2.968	3.228	4.968	1.362	0.953	0.976	1.998	2.633	3.885	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1691.553								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	230.	1411.875	23000.	9.	21567814.114	4644.116	23.	93.	430.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.362	2.398	4.362	0.954	0.536	0.732	1.362	1.968	2.633	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			250.191								

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Annual Analysis for 1973 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	20	11.5	12.5	22.	3.	36.789	6.065	3.2	8.25	18.5	21.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	20	12.5	13.65	26.	1.	55.608	7.457	1.5	8.5	19.5	24.9
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	20	75.	55.	100.	0.	2210.526	47.016	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	20	10.95	10.945	13.6	8.6	2.254	1.501	8.64	9.7	12.	12.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	20	0.9	1.18	3.1	0.3	0.481	0.693	0.5	0.8	1.5	2.37
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.2	7.231	7.6	6.8	0.053	0.23	6.87	7.1	7.4	7.53
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	16	7.2	7.172	7.6	6.8	0.057	0.238	6.87	7.1	7.4	7.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	16	0.063	0.067	0.158	0.025	0.001	0.039	0.03	0.04	0.079	0.136
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.5	7.525	7.9	7.3	0.023	0.152	7.4	7.4	7.675	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.5	7.502	7.9	7.3	0.024	0.154	7.4	7.4	7.675	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.032	0.031	0.05	0.013	0.	0.01	0.02	0.021	0.04	0.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.01	1.997	3.71	1.13	0.342	0.585	1.392	1.658	2.178	2.799
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.07	0.093	0.53	0.02	0.012	0.111	0.02	0.05	0.09	0.177
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	930.	7157.3	46000.	36.	191902722.642	13852.896	155.	430.	3800.	40800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	2.968	3.15	4.663	1.556	0.67	0.818	2.189	2.633	3.566	4.602
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1412.144								

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Annual Analysis for 1973 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	230.	587.2	4300.	15.	1205707.221	1098.047	36.7	76.75	380.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	2.362	2.286	3.633	1.176	0.389	0.624	1.564	1.883	2.566	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			193.143								

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Annual Analysis for 1974 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	7.	8.125	18.	3.	31.268	5.592	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	10.	11.	22.	3.	52.	7.211	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	8	87.5	62.5	100.	0.	2142.857	46.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	12.95	12.838	14.6	10.6	2.111	1.453	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	8	1.5	1.725	3.	0.6	0.702	0.838	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	8	6.95	7.	7.4	6.7	0.086	0.293	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	8	6.925	6.923	7.4	6.7	0.092	0.304	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	8	0.119	0.119	0.2	0.04	0.005	0.067	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.3	7.525	8.5	7.3	0.176	0.42	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.3	7.418	8.5	7.3	0.189	0.435	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.05	0.038	0.05	0.003	0.	0.018	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	2.42	2.243	2.87	0.5	0.596	0.772	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.12	0.171	0.59	0.	0.037	0.192	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	1615.	5390.	24000.	430.	65233257.143	8076.711	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.165	3.36	4.38	2.633	0.353	0.594	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2292.72								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	82.	404.625	2300.	15.	605286.268	778.001	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	1.911	2.088	3.362	1.176	0.466	0.683	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			122.464								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	6.	10.182	21.	2.	53.764	7.332	2.2	3.	18.	20.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	8.	12.364	26.	4.	68.055	8.25	4.2	5.	22.	25.4
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	25.	47.917	100.	0.	2211.174	47.023	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	11.6	11.5	14.3	8.4	4.948	2.224	8.42	9.2	13.6	14.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	100.7	99.482	112.	86.6	82.662	9.092	86.98	90.6	108.8	111.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	0.7	0.917	2.2	0.1	0.489	0.699	0.13	0.4	1.6	2.11
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.1	7.025	7.2	6.8	0.024	0.154	6.8	6.825	7.1	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.1	6.999	7.2	6.8	0.025	0.157	6.8	6.825	7.1	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.079	0.1	0.158	0.063	0.001	0.038	0.063	0.079	0.15	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.2	7.175	7.6	6.5	0.097	0.311	6.62	7.	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.2	7.062	7.6	6.5	0.111	0.333	6.62	7.	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.063	0.087	0.316	0.025	0.006	0.079	0.025	0.04	0.1	0.259
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	102.	105.917	222.	51.	1795.902	42.378	56.1	80.25	113.75	193.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	0.72	0.795	1.53	0.37	0.125	0.354	0.397	0.488	0.955	1.461
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.08	0.105	0.24	0.	0.007	0.082	0.012	0.045	0.195	0.237
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	1950.	12711.667	110000.	110.	981204942.424	31324.191	206.	800.	4525.	84200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.278	3.352	5.041	2.041	0.62	0.787	2.219	2.901	3.655	4.843
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2248.788								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	190.	482.833	1500.	15.	328441.606	573.098	21.3	36.	925.	1500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.269	2.265	3.176	1.176	0.502	0.709	1.29	1.556	2.966	3.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			184.002								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	13.5	12.125	20.	-1.	59.268	7.699	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	16.	13.5	22.	-3.	82.	9.055	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	8	37.5	46.875	100.	0.	1149.554	33.905	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	8.85	9.525	13.7	5.8	6.936	2.634	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	8	85.4	85.488	107.4	61.1	182.293	13.502	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	7	1.4	1.671	3.8	0.3	1.602	1.266	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	8	7.2	7.163	7.8	6.6	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	8	7.189	6.966	7.8	6.6	0.264	0.514	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	8	0.065	0.108	0.251	0.016	0.01	0.099	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.05	7.163	7.9	6.9	0.108	0.329	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.047	7.086	7.9	6.9	0.115	0.339	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.09	0.082	0.126	0.013	0.002	0.039	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	97.5	109.125	195.	71.	1746.125	41.787	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	0.5	0.516	0.98	0.05	0.134	0.367	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.1	0.319	1.46	0.03	0.237	0.487	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	7800.	14543.75	46000.	150.	248828169.643	15774.288	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.852	3.787	4.663	2.176	0.621	0.788	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6128.121								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	645.	1098.875	4300.	15.	2049758.696	1431.698	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.762	2.552	3.633	1.176	0.735	0.858	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			356.751								

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Annual Analysis for 1978 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	10.	9.917	23.	-1.	55.174	7.428	0.	5.75	15.25	21.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	14.	13.333	29.	-1.	94.788	9.736	0.3	1.75	20.75	27.5
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	50.	43.75	100.	0.	1832.386	42.806	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	9.9	10.333	14.1	7.6	4.073	2.018	7.84	8.625	11.275	13.95
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	89.	89.092	98.2	76.7	51.144	7.152	77.69	83.675	96.175	98.05
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	0.9	1.367	3.8	0.2	1.45	1.204	0.26	0.6	2.35	3.65
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.05	7.125	7.9	6.5	0.191	0.437	6.56	6.8	7.575	7.81
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.047	6.956	7.9	6.5	0.222	0.472	6.56	6.8	7.575	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.09	0.111	0.316	0.013	0.008	0.091	0.016	0.027	0.158	0.281
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.	6.983	7.3	6.7	0.032	0.18	6.73	6.825	7.15	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.	6.951	7.3	6.7	0.034	0.183	6.73	6.825	7.15	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.1	0.112	0.2	0.05	0.002	0.044	0.054	0.072	0.15	0.187
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	95.	99.667	169.	58.	1010.788	31.793	61.9	75.75	126.25	156.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	0.9	0.842	2.3	0.1	0.324	0.57	0.13	0.45	1.075	1.94
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.04	0.092	0.5	0.	0.02	0.14	0.	0.01	0.13	0.404
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	930.	1907.5	11000.	40.	9831165.909	3135.469	40.	280.	2032.5	9080.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2.968	2.816	4.041	1.602	0.532	0.729	1.602	2.43	3.277	3.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			654.52								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	80.	496.25	4600.	15.	1711109.659	1308.094	15.	18.75	135.	3445.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	1.9	1.919	3.663	1.176	0.544	0.737	1.176	1.251	2.121	3.426
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			83.004								

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Annual Analysis for 1979 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	4.5	10.25	21.	-1.	44.568	6.676	3.2	7.	14.75	20.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	13.5	11.167	27.	-11.	104.333	10.214	3.3	6.25	22.	0.4
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	37.5	47.917	100.	0.	1756.629	41.912	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	10.2	10.545	12.4	8.6	1.843	1.357	8.68	9.	12.	12.38
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	95.6	93.245	103.4	82.	63.193	7.949	82.32	84.2	99.	103.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	11	1.4	1.609	4.	0.1	1.505	1.227	0.12	0.4	2.6	3.76
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.1	7.091	7.7	6.2	0.191	0.437	6.28	6.9	7.3	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	11	7.1	6.869	7.7	6.2	0.245	0.495	6.28	6.9	7.3	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	11	0.079	0.135	0.631	0.02	0.031	0.176	0.02	0.05	0.126	0.555
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.6	6.542	6.9	6.1	0.041	0.202	6.19	6.4	6.675	6.84
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.6	6.495	6.9	6.1	0.043	0.208	6.19	6.4	6.675	6.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.251	0.32	0.794	0.126	0.03	0.173	0.148	0.212	0.398	0.675
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	90.5	132.667	597.	67.	21604.242	146.984	67.6	82.25	108.75	453.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	0.9	0.875	1.2	0.3	0.058	0.242	0.42	0.725	1.075	1.17
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.07	0.149	0.48	0.	0.028	0.167	0.008	0.04	0.34	0.46
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2200.	32777.5	240000.	150.	5229146838.636	72312.84	174.	325.	20750.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.342	3.431	5.38	2.176	1.147	1.071	2.232	2.505	4.296	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2699.044								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	220.	4489.083	46000.	15.	172330340.811	13127.465	21.3	49.75	1907.5	33370.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.342	2.483	4.663	1.176	0.986	0.993	1.29	1.657	3.194	4.341
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			303.838								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	18.	14.455	21.	2.	48.273	6.948	2.4	8.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	20.	17.455	28.	1.	88.673	9.417	2.	8.	25.	27.8
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	50.	50.	100.	0.	1931.818	43.952	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	9.6	9.945	12.4	8.	2.753	1.659	8.06	8.4	11.3	12.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	93.9	95.055	110.8	87.	52.069	7.216	87.08	89.2	100.	109.28
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	11	0.8	0.991	2.4	0.2	0.373	0.611	0.24	0.6	1.4	2.2
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.	7.018	7.2	6.8	0.016	0.127	6.83	6.9	7.108	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.	7.	7.2	6.8	0.017	0.129	6.83	6.9	7.107	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.1	0.1	0.158	0.063	0.001	0.029	0.063	0.078	0.126	0.149
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.15	7.05	7.4	6.4	0.074	0.271	6.49	6.925	7.2	7.34
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.147	6.953	7.4	6.4	0.084	0.29	6.49	6.925	7.2	7.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.071	0.111	0.398	0.04	0.01	0.1	0.047	0.063	0.119	0.339
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	98.	100.167	157.	74.	456.515	21.366	75.8	84.25	104.75	144.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.	0.938	1.7	0.3	0.154	0.392	0.36	0.615	1.1	1.61
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.064	0.1	0.03	0.001	0.029	**	**	**	**

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Annual Analysis for 1986 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	53	19.	17.694	26.	5.	22.313	4.724	9.4	15.5	21.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	53	22.	20.391	29.	4.	36.523	6.043	11.2	17.	24.5	27.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	54	25.	33.333	100.	0.	1580.189	39.752	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	51	9.3	9.392	12.	5.8	1.682	1.297	7.84	8.5	10.2	11.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	28	93.85	94.571	128.5	61.1	187.509	13.693	79.93	86.	102.8	115.15
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	35	0.8	1.123	4.	0.2	0.779	0.883	0.4	0.5	1.4	2.18
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	44	7.25	7.605	9.4	6.2	0.52	0.721	6.95	7.1	8.075	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	44	7.247	7.191	9.4	6.2	0.695	0.834	6.95	7.1	8.075	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	44	0.057	0.064	0.631	0.	0.01	0.101	0.002	0.008	0.079	0.113
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	37	7.2	7.232	7.9	6.1	0.162	0.403	6.6	7.	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	37	7.2	7.015	7.9	6.1	0.211	0.459	6.6	7.	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	37	0.063	0.097	0.794	0.013	0.019	0.138	0.02	0.025	0.1	0.251
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	37	0.8	1.052	2.6	0.05	0.495	0.704	0.28	0.47	1.705	2.05
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	31	0.08	0.169	1.46	0.	0.076	0.276	0.02	0.04	0.24	0.464
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	32	1215.	16974.25	240000.	23.	2275157718.065	47698.613	75.1	430.	4525.	72300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	32	3.072	3.227	5.38	1.362	0.895	0.946	1.796	2.633	3.655	4.792
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1687.681								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	32	190.	2572.656	46000.	9.	79236453.072	8901.486	15.	75.	670.	3180.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	32	2.269	2.342	4.663	0.954	0.741	0.861	1.176	1.872	2.815	3.467
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			220.02								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	59	6.	4.831	12.	-1.	11.591	3.405	0.	3.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	58	7.	5.603	18.	-11.	28.419	5.331	1.	3.75	-2.25	14.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	62	87.5	62.097	100.	0.	1859.466	43.122	0.	18.75	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	56	12.4	12.42	14.6	10.1	1.214	1.102	11.	11.45	13.2	14.03
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	26	91.15	92.281	112.	73.8	86.02	9.275	80.41	87.2	97.625	106.77
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	44	1.5	1.693	4.	0.1	0.97	0.985	0.45	1.	2.4	3.2
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	57	7.4	7.298	8.3	6.5	0.187	0.432	6.78	6.9	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	57	7.4	7.106	8.3	6.5	0.225	0.474	6.78	6.9	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	57	0.04	0.078	0.316	0.005	0.005	0.072	0.013	0.023	0.126	0.167
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.2	7.127	7.7	6.4	0.124	0.352	6.55	6.9	7.4	7.55
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.2	6.974	7.7	6.4	0.148	0.385	6.55	6.9	7.4	7.55
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.063	0.106	0.398	0.02	0.011	0.105	0.028	0.04	0.126	0.299
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	1.46	1.61	3.71	0.2	0.558	0.747	0.85	0.985	2.16	2.795
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.1	0.168	0.59	0.	0.024	0.154	0.028	0.06	0.23	0.46
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	930.	13308.15	110000.	36.	761084824.079	27587.766	203.	430.	9325.	45700.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	2.968	3.249	5.041	1.556	0.817	0.904	2.307	2.633	3.939	4.66
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1773.029								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	93.	282.075	2300.	15.	262116.687	511.973	16.5	36.	230.	862.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	1.968	2.061	3.362	1.176	0.319	0.565	1.206	1.556	2.362	2.926
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			114.955								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	41	14.	14.78	24.	9.	15.076	3.883	10.	12.	17.5	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	41	17.	17.463	28.	8.	27.355	5.23	10.	13.	22.	25.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	41	25.	41.463	100.	0.	1737.805	41.687	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	40	10.5	10.253	12.7	8.3	1.335	1.156	8.53	9.225	11.175	11.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	98.2	97.656	110.8	81.4	57.227	7.565	84.88	94.1	102.2	109.52
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	27	0.9	1.085	2.7	0.1	0.589	0.767	0.28	0.5	1.4	2.62
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	40	7.5	7.49	8.8	6.7	0.243	0.493	6.81	7.1	7.9	8.09
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	40	7.5	7.265	8.8	6.7	0.295	0.544	6.81	7.1	7.9	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	40	0.032	0.054	0.2	0.002	0.003	0.051	0.008	0.013	0.079	0.155
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	27	7.2	7.27	8.5	6.5	0.184	0.43	6.6	7.	7.5	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	27	7.2	7.092	8.5	6.5	0.218	0.466	6.6	7.	7.5	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	27	0.063	0.081	0.316	0.003	0.006	0.078	0.018	0.032	0.1	0.251
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	27	1.1	1.211	2.47	0.2	0.286	0.535	0.508	0.9	1.64	2.026
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	26	0.08	0.117	0.49	0.	0.012	0.111	0.021	0.04	0.16	0.262
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2350.	6593.333	46000.	110.	111429910.145	10556.037	190.	430.	9300.	22500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.371	3.318	4.663	2.041	0.54	0.735	2.269	2.633	3.968	4.351
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2078.283								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	430.	1236.125	4600.	15.	2204503.158	1484.757	29.5	91.	2300.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.633	2.626	3.663	1.176	0.584	0.764	1.459	1.959	3.362	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			422.426								

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Station Inventory for Station: GWMP0466

NPS Station ID: GWMP0466
LAT/LON: 38.975837/ -77.246116
Agency: 112WRD
Date Created: / /
Location: DIFFICULT RUN NEAR GREAT FALLS, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01646000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 02070008025000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0466

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/68-08/31/77	4	13.	12.875	20.5	5.	40.729	6.382	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/03/45-05/14/69	6	43.	165.833	807.	16.	99221.367	314.994	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/77-08/31/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/03/45-08/31/77	7	25.	31.143	90.	3.	815.81	28.562	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/52-08/31/77	6	75.5	74.167	94.	56.	215.767	14.689	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/52-05/14/69	5	7.1	6.98	7.2	6.7	0.047	0.217	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/52-05/14/69	5	7.1	6.936	7.2	6.7	0.049	0.222	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/52-05/14/69	5	0.079	0.116	0.2	0.063	0.004	0.06	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/68-11/04/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/68-08/31/77	4	24.5	23.25	26.	18.	14.25	3.775	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/45-08/31/77	7	22.	23.857	32.	14.	48.81	6.986	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/68-05/14/69	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/77-08/31/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/77-08/31/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/06/68-05/14/69	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/45-08/31/77	7	24.	21.857	27.	15.	22.476	4.741	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/21/52-08/31/77	6	0.5	2.5	8.	0.	12.7	3.564	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/45-08/31/77	7	5.9	5.414	6.9	3.8	1.711	1.308	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/45-08/31/77	7	1.9	2.	2.7	1.3	0.297	0.545	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/45-08/31/77	7	4.3	4.514	7.8	1.8	3.415	1.848	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/06/68-08/31/77	4	0.45	0.5	0.7	0.4	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	03/06/68-08/31/77	4	28.5	30.	38.	25.	31.333	5.598	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/52-08/31/77	6	1.8	2.133	4.2	1.2	1.295	1.138	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/45-08/31/77	7	4.	5.857	16.	3.	22.143	4.706	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/45-08/31/77	7	5.	4.571	8.	2.	3.619	1.902	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/45-08/31/77	7	0.1	0.057	0.1	0.	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/45-08/31/77	7	11.	10.671	14.	4.8	8.316	2.884	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/06/68-08/31/77	3	320.	243.333	340.	70.	22633.333	150.444	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/04/68-11/04/68	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/31/77-08/31/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0466

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/45-08/31/77	6	53.	54.5	70.	44.	98.3	9.915	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/06/68-08/31/77	4	56.5	56.5	63.	50.	32.333	5.686	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/06/68-08/31/77	4	2.89	5.153	12.5	2.33	24.145	4.914	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/06/68-08/31/77	4	0.08	0.083	0.1	0.07	0.	0.013	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/03/45-08/31/77	7	2.2	2.257	3.5	1.4	0.606	0.779	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/03/45-12/09/54	3	110.	110.	210.	10.	10000.	100.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0466

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00				4	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00				4	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	250.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0467

NPS Station ID: GWMP0467 LAT/LON: 38.975837/ -77.246116 Agency: 21VASWCB Date Created: / /
Location: ROUTE 193 BRIDGE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ADIF000.86 /VA1A08-X0033/VA1A3X0033
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070008030 RF1 Mile Point: 0.750 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010005303.28 RF3 Mile Point: 3.59 Distance from RF3: 0.02 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: DIFFICULT RUN SECTION: 08 TOPO MAP #: 0024 TOPO MAP NAME: FALLS CHURCH, VA

Parameter Inventory for Station: GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	237	12.8	12.864	28.5	0.	58.156	7.626	2.78	6.	19.6	23.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	101	5.8	23.081	612.	0.6	4655.873	68.234	2.42	3.3	16.25	48.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/94-10/04/95	13	6.6	9.8	28.	2.7	76.623	8.753	2.82	4.05	14.5	26.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/26/82-10/01/84	11	1.	6.425	28.	0.1	104.127	10.204	0.105	0.25	11.	27.2
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-03/03/93	25	25.	36.32	199.	13.	1415.477	37.623	15.	22.	33.	69.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	147	126.	285.83	12310.	54.	1428185.019	1195.067	95.8	112.	155.	222.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	65	131.	147.462	458.	93.	3123.502	55.888	115.	122.5	146.5	203.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/26/91-10/04/95	40	9.85	9.785	12.9	6.6	3.004	1.733	7.32	8.3	11.225	12.09
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	198	10.	10.407	14.6	5.6	4.424	2.103	7.8	8.675	12.05	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	172	1.	1.712	14.	0.5	2.053	1.433	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	172	8.	10.035	39.	0.5	52.484	7.245	3.	5.25	12.	19.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	234	7.2	7.207	8.5	5.8	0.229	0.479	6.6	6.9	7.5	7.8
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	234	7.2	6.964	8.5	5.8	0.288	0.537	6.6	6.9	7.5	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	234	0.063	0.109	1.585	0.003	0.021	0.146	0.016	0.032	0.126	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	140	6.8	6.826	8.5	5.9	0.12	0.346	6.4	6.6	7.	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	140	6.8	6.704	8.5	5.9	0.135	0.367	6.4	6.6	7.	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	140	0.158	0.198	1.259	0.003	0.028	0.167	0.063	0.1	0.251	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	141	26.	26.199	90.	14.	59.246	7.697	19.	22.	29.	32.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	81	95.	126.457	670.	67.	8015.426	89.529	78.6	84.5	122.	238.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	81	25.	33.648	600.	2.5	4167.515	64.556	16.	20.	33.	39.8
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	81	72.	99.778	600.	38.	6859.	82.819	56.4	64.	92.	198.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	172	4.	21.98	262.	0.5	2221.755	47.136	1.5	2.5	13.75	69.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	171	2.5	8.693	800.	0.	3730.877	61.081	1.	1.5	4.	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	172	2.75	18.581	239.	0.	1756.514	41.911	1.15	2.	10.5	59.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	238 ##	0.05	0.063	0.5	0.005	0.004	0.062	0.02	0.04	0.05	0.111
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	242 ##	0.005	0.012	0.48	0.	0.001	0.032	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	217	0.84	0.871	1.92	0.	0.134	0.367	0.488	0.6	1.095	1.384
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	240	0.3	0.309	1.1	0.05	0.044	0.209	0.1	0.2	0.4	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	25	0.7	0.71	1.7	0.06	0.092	0.303	0.348	0.6	0.8	1.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	168 ##	0.05	0.073	0.3	0.01	0.002	0.045	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	135	0.01	0.024	0.2	0.005	0.001	0.033	0.005	0.005	0.03	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	166	3.4	4.134	18.	0.5	7.444	2.728	1.4	2.175	5.525	7.93
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	94	38.	41.33	158.	24.	253.342	15.917	32.	34.	42.	52.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/03/93-03/03/93	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	136	15.	22.515	341.	2.	1059.215	32.546	10.	13.	20.	35.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	76	6.	6.171	12.	0.005	3.21	1.792	5.	5.	7.	9.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	47 ##	0.05	0.084	0.25	0.025	0.003	0.052	0.05	0.05	0.12	0.15
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	84	11.95	11.844	17.5	4.9	6.015	2.453	8.1	10.425	13.75	14.95
01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-07/06/94	13 ##	1.	1.885	5.	0.	3.673	1.917	0.2	0.5	4.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-08/24/95	3	4.9	4.367	6.4	1.8	5.503	2.346	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/12/91-03/03/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-08/24/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-07/06/94	14 ##	5.	4.	5.	0.5	2.962	1.721	0.75	2.625	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	3 ##	0.09	0.1	0.15	0.06	0.002	0.046	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	3	22.4	25.733	33.8	21.	49.293	7.021	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-07/06/94	18 ##	5.	5.972	25.	0.5	25.72	5.071	1.85	5.	5.	11.5
01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-07/06/94	17 ##	5.	6.471	25.	5.	24.265	4.926	5.	5.	5.	13.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-08/24/95	3	31.1	32.9	39.3	28.3	32.68	5.717	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-07/06/94	6	486.	537.	1000.	270.	63974.	252.931	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-07/06/94	17	8.	8.059	21.	0.5	31.403	5.604	0.9	4.5	10.5	18.6
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-08/24/95	3	29.6	50.033	93.4	27.1	1412.063	37.577	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-07/06/94	7	70.	88.9	200.	40.	3005.237	54.82	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/12/91-03/03/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	8 ##	50.	39.375	50.	5.	388.839	19.719	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-07/06/94	7 ##	10.	18.571	50.	5.	297.619	17.252	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-08/24/95	3	19.7	20.267	24.8	16.3	18.303	4.278	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-07/06/94	18 ##	10.	14.278	30.	5.	111.742	10.571	5.	5.	26.25	30.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-08/24/95	3	77.8	88.6	113.	75.	448.48	21.177	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/91-03/03/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-08/24/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	4600.	9325.	24000.	200.	93916832.759	9691.07	236.	885.	24000.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	3.663	3.559	4.38	2.301	0.537	0.733	2.372	2.945	4.38	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3625.412								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	207	100.	1070.86	24000.	9.	10926055.208	3305.458	50.	50.	400.	1980.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	207	2.	2.293	4.38	0.954	0.459	0.677	1.699	1.699	2.602	3.295
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			196.184								
32240	TANNIN AND LIGNIN (MG/L)	02/03/92-12/02/92	3	0.2	0.237	0.5	0.01	0.061	0.247	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-08/24/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/07/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/13/79-07/07/93	6	0.	0.017	0.05	0.	0.001	0.026	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-08/24/95	2 ##	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	7	0.	0.022	0.1	0.	0.002	0.039	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-08/24/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-08/24/95	2 ##	625.	625.	1000.	250.	281250.	530.33	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	6	0.	0.009	0.05	0.	0.	0.02	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/24/95	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	6	0.	0.013	0.05	0.	0.	0.021	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	2 ##	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-08/24/95	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-08/24/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/07/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/13/79-07/07/93	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-08/24/95	2 ##	625.	625.	1000.	250.	281250.	530.33	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/14/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/13/79-09/08/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/07/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/03/93-07/06/94	2	37.	37.	40.	34.	18.	4.243	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/14/81-07/07/87	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	72 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	105 ##	0.02	0.024	0.11	0.005	0.	0.022	0.005	0.005	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-03/03/93	15 ##	0.25	0.21	0.25	0.15	0.003	0.051	0.15	0.15	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-08/24/95	3 ##	0.1	0.11	0.2	0.03	0.007	0.085	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/07/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/03/93-03/03/93	1	8900.	8900.	8900.	8900.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/03/92-06/08/94	21	5.8	21.224	170.	0.5	1737.379	41.682	1.82	2.95	13.3	92.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0467

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	101	10	0.10	34	4	0.12	41	2	0.05	26	4	0.15			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	0	0.00	12	0	0.00	16	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	198	0	0.00	66	0	0.00	77	0	0.00	55	0	0.00			
00400	PH	Other-Hi Lim.	9.	234	0	0.00	80	0	0.00	90	0	0.00	64	0	0.00			
		Other-Lo Lim.	6.5	234	18	0.08	80	5	0.06	90	6	0.07	64	7	0.11			
00403	PH, LAB	Other-Hi Lim.	9.	140	0	0.00	48	0	0.00	54	0	0.00	38	0	0.00			
		Other-Lo Lim.	6.5	140	28	0.20	48	9	0.19	54	12	0.22	38	7	0.18			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	242	0	0.00	82	0	0.00	93	0	0.00	67	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	217	0	0.00	75	0	0.00	83	0	0.00	59	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00	7	0	0.00	10	0	0.00	8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	136	0	0.00	48	0	0.00	53	0	0.00	35	0	0.00			
		Drinking Water	250.	136	1	0.01	48	0	0.00	53	1	0.02	35	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	76	0	0.00	24	0	0.00	33	0	0.00	19	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	47	0	0.00	15	0	0.00	21	0	0.00	11	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

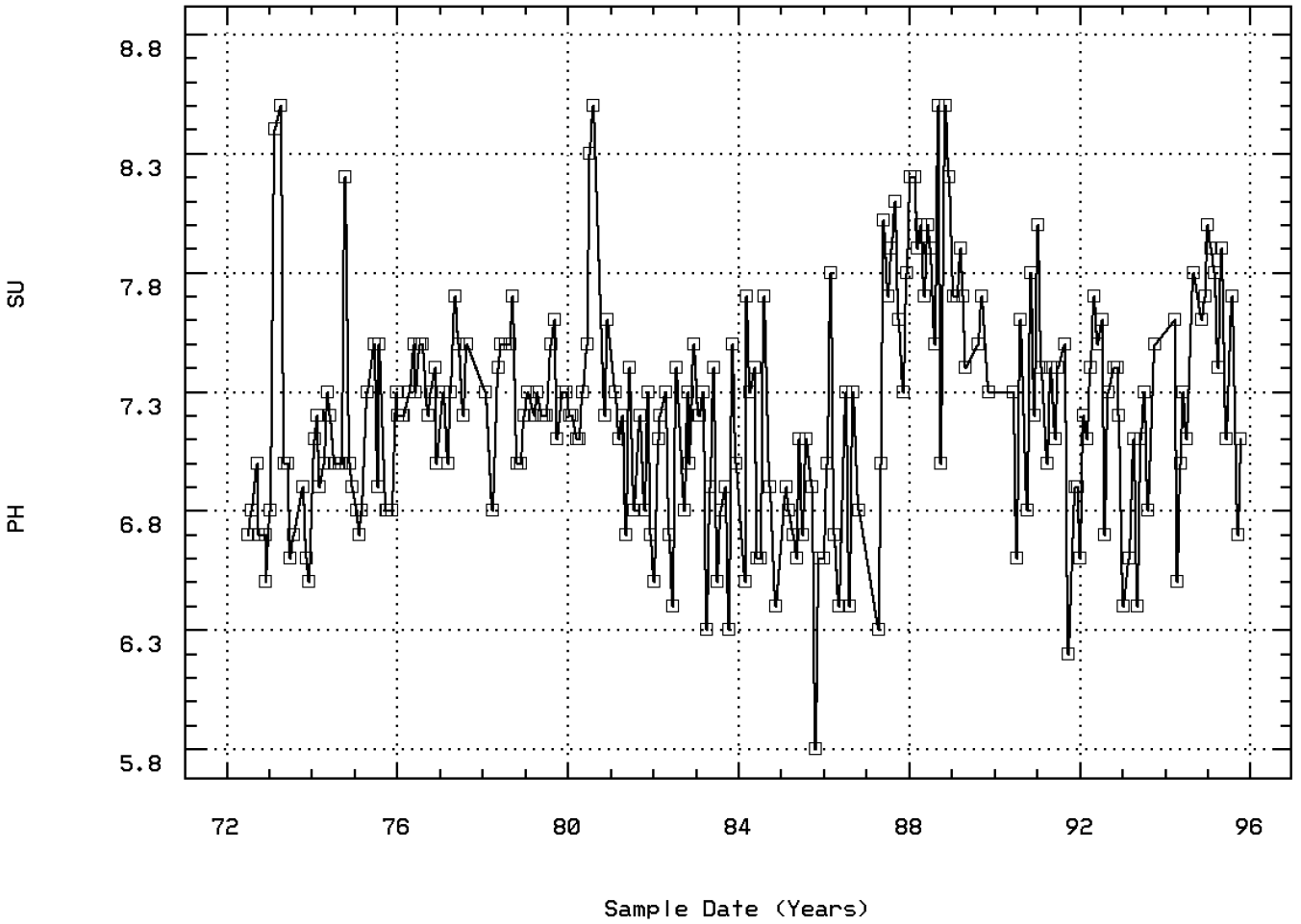
EPA Water Quality Criteria Analysis for Station: GWMP0467

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	5.	4 &	0	0.00	3	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	7	0	0.00	4	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16 &	0	0.00	5	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	1300.	17	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	15.	17	2	0.12	7	1	0.14	4	1	0.25	6	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	18	0	0.00	7	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	5000.	18	0	0.00	7	0	0.00	4	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	20	0.67	9	7	0.78	12	7	0.58	9	6	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	207	98	0.47	70	46	0.66	82	23	0.28	55	29	0.53			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	5	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	5	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	2.	6	0	0.00	5	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00	3	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	9	1	0.11	2	1	0.50	3	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	2.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	21	3	0.14	8	3	0.38	7	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GWMP0467 Parameter Code: 00400

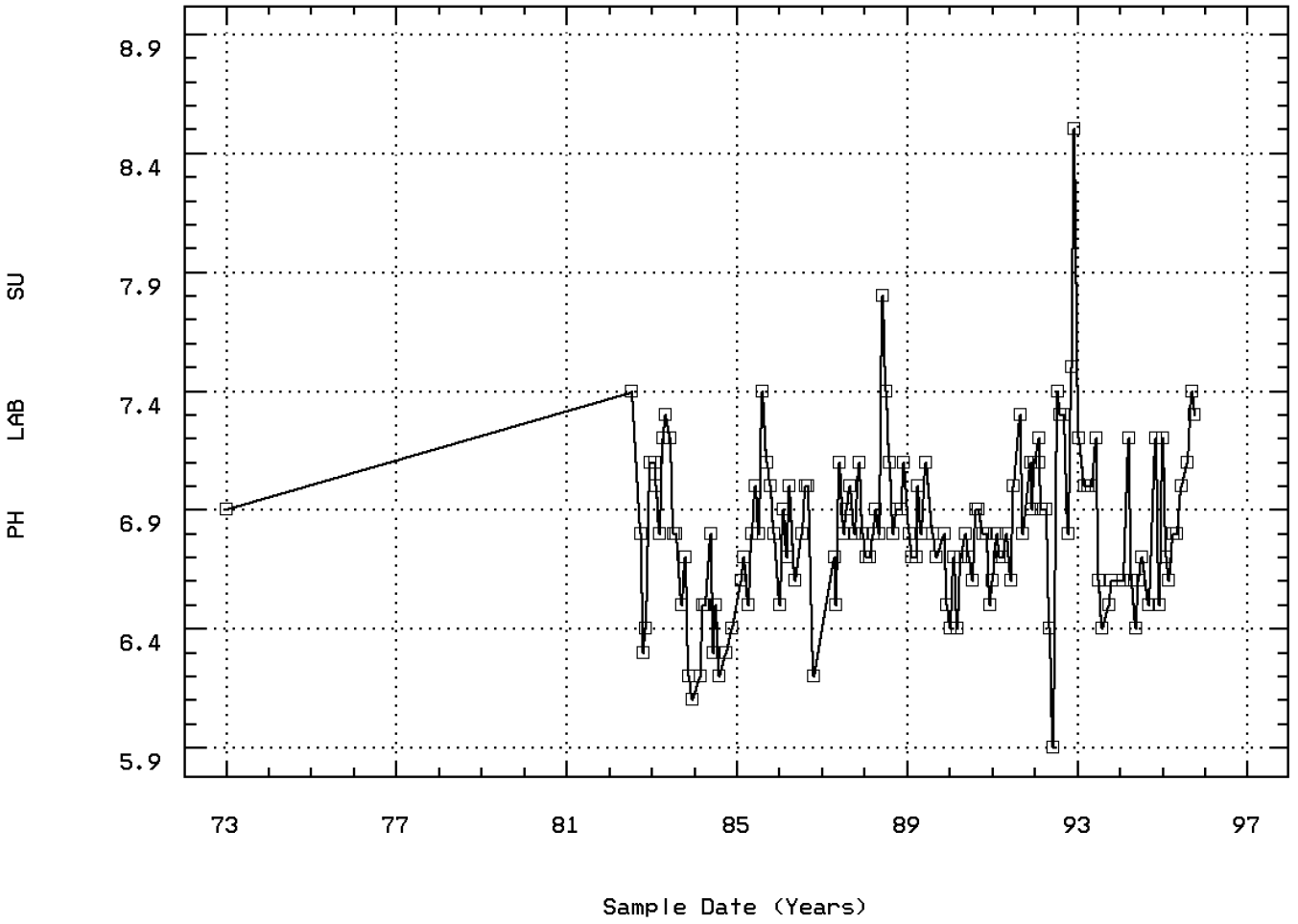
PH (STANDARD UNITS)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00403

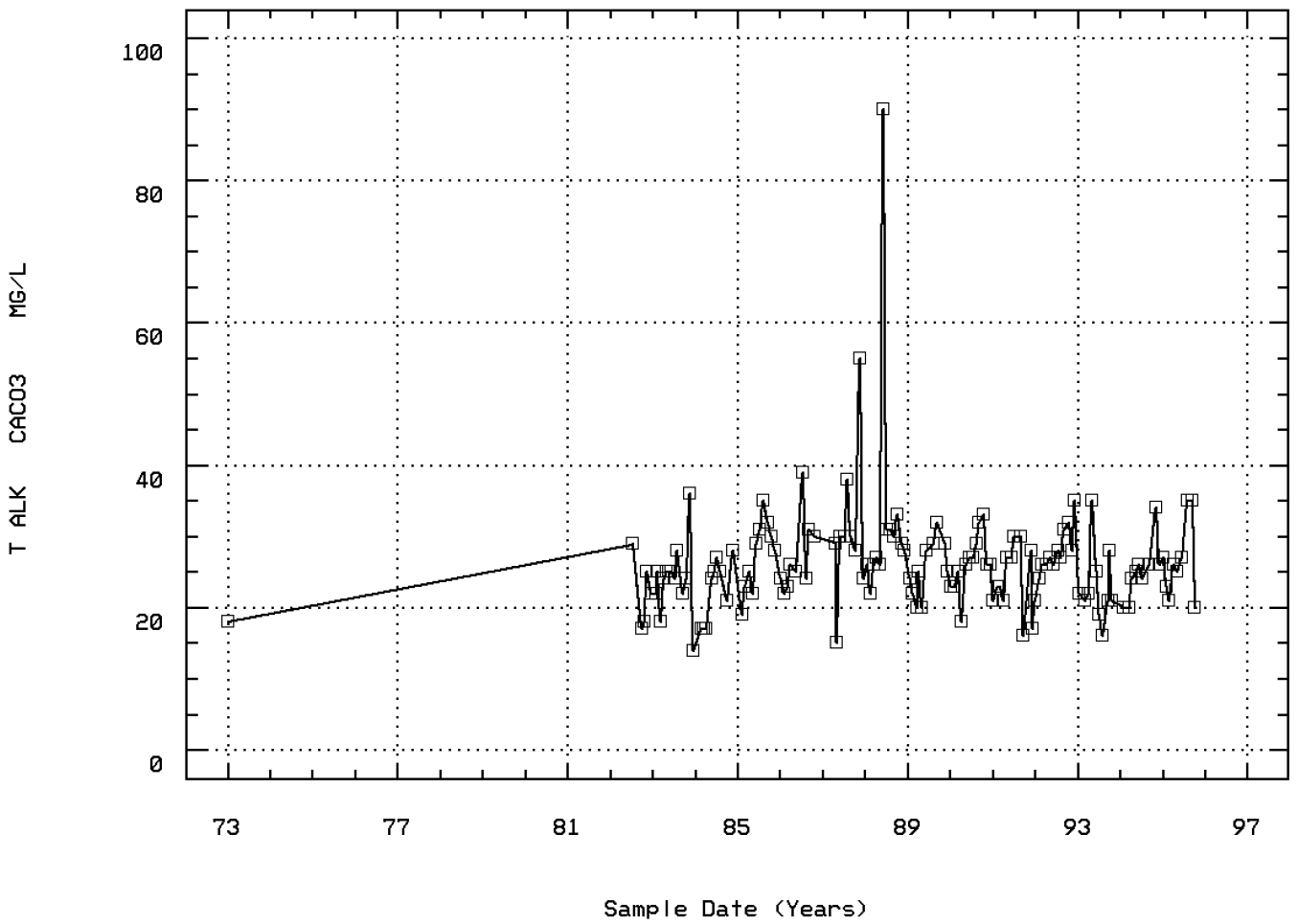
PH, LAB, STANDARD UNITS



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00410

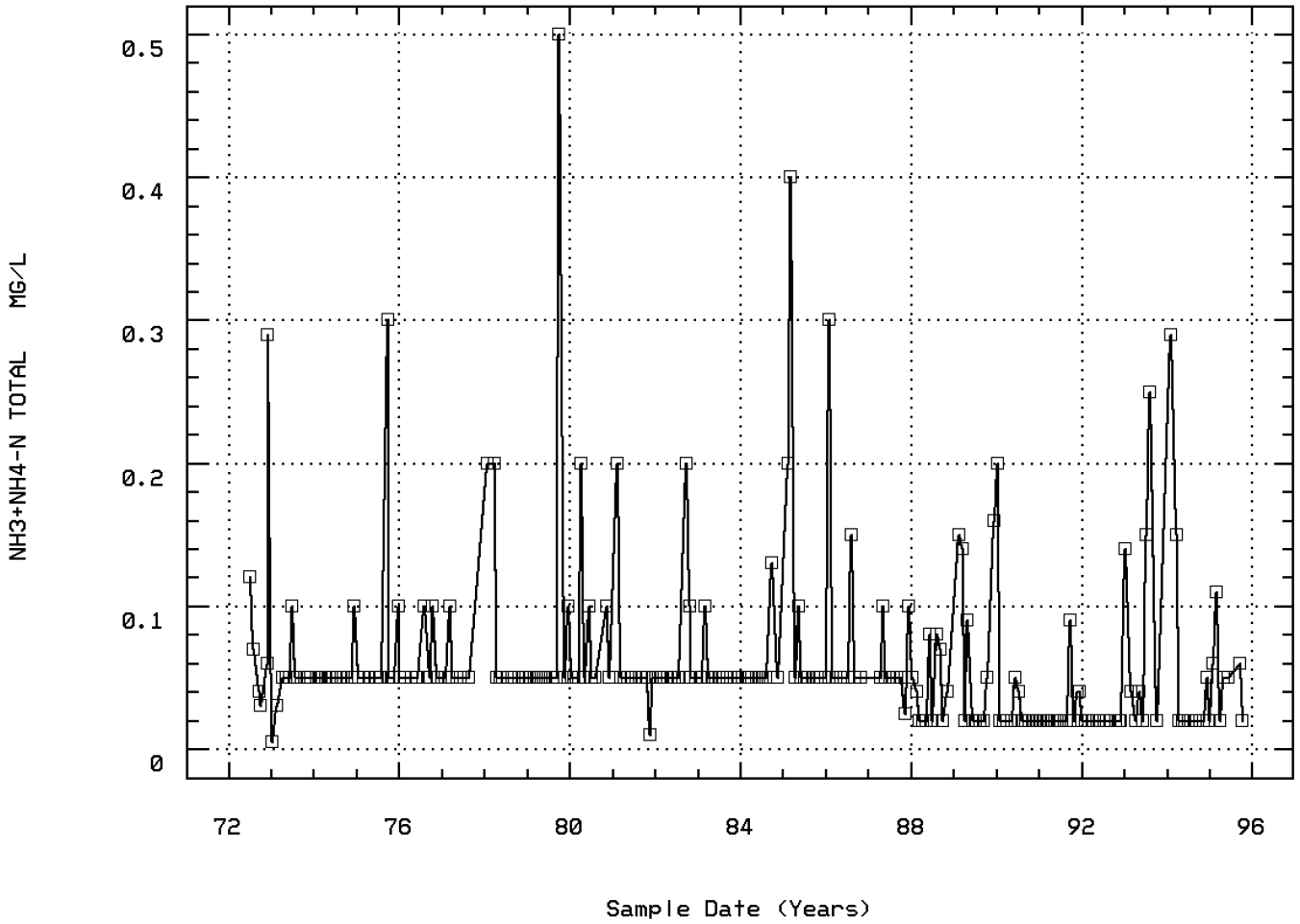
ALKALINITY, TOTAL (MG/L AS CACO3)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00610

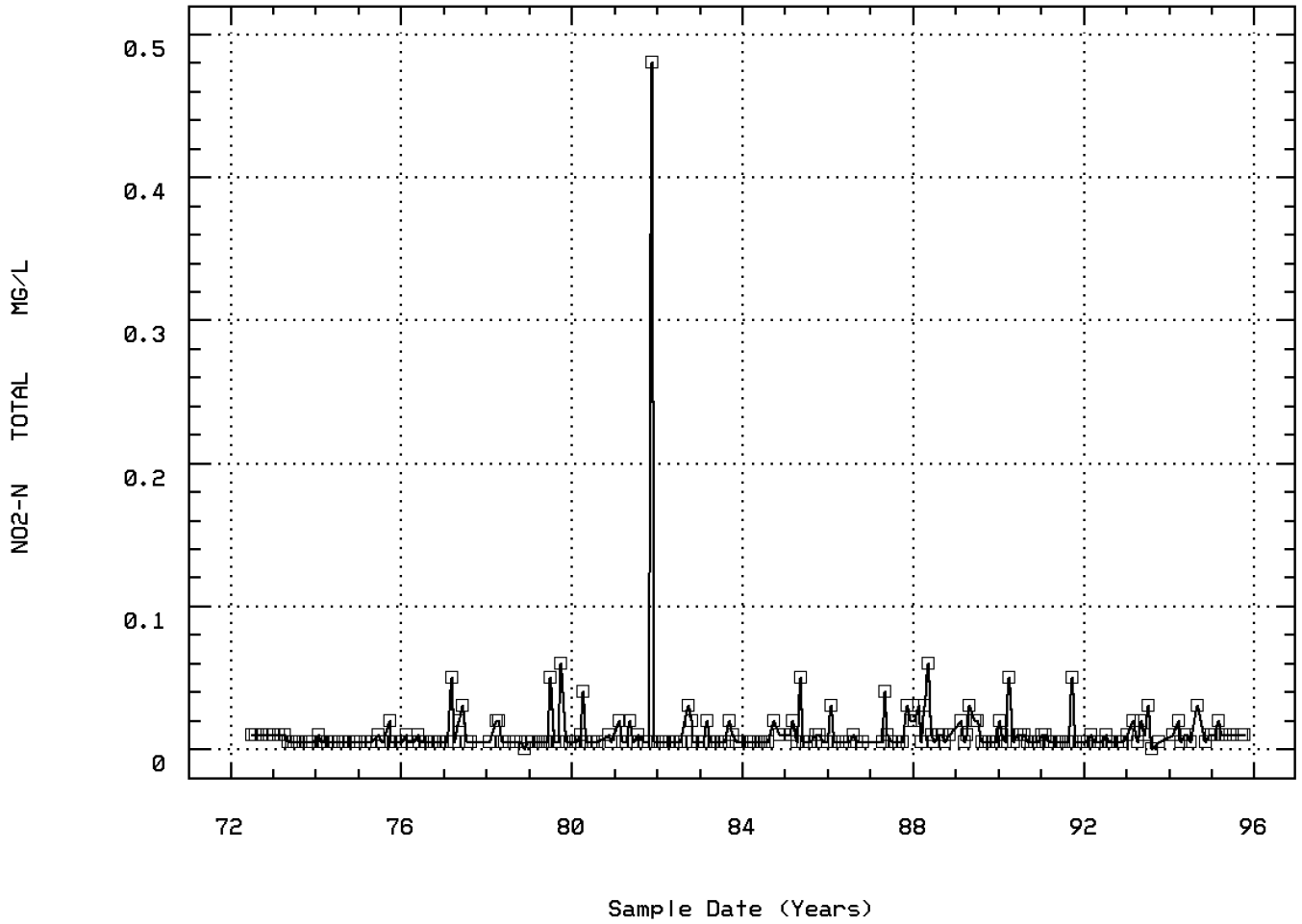
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00615

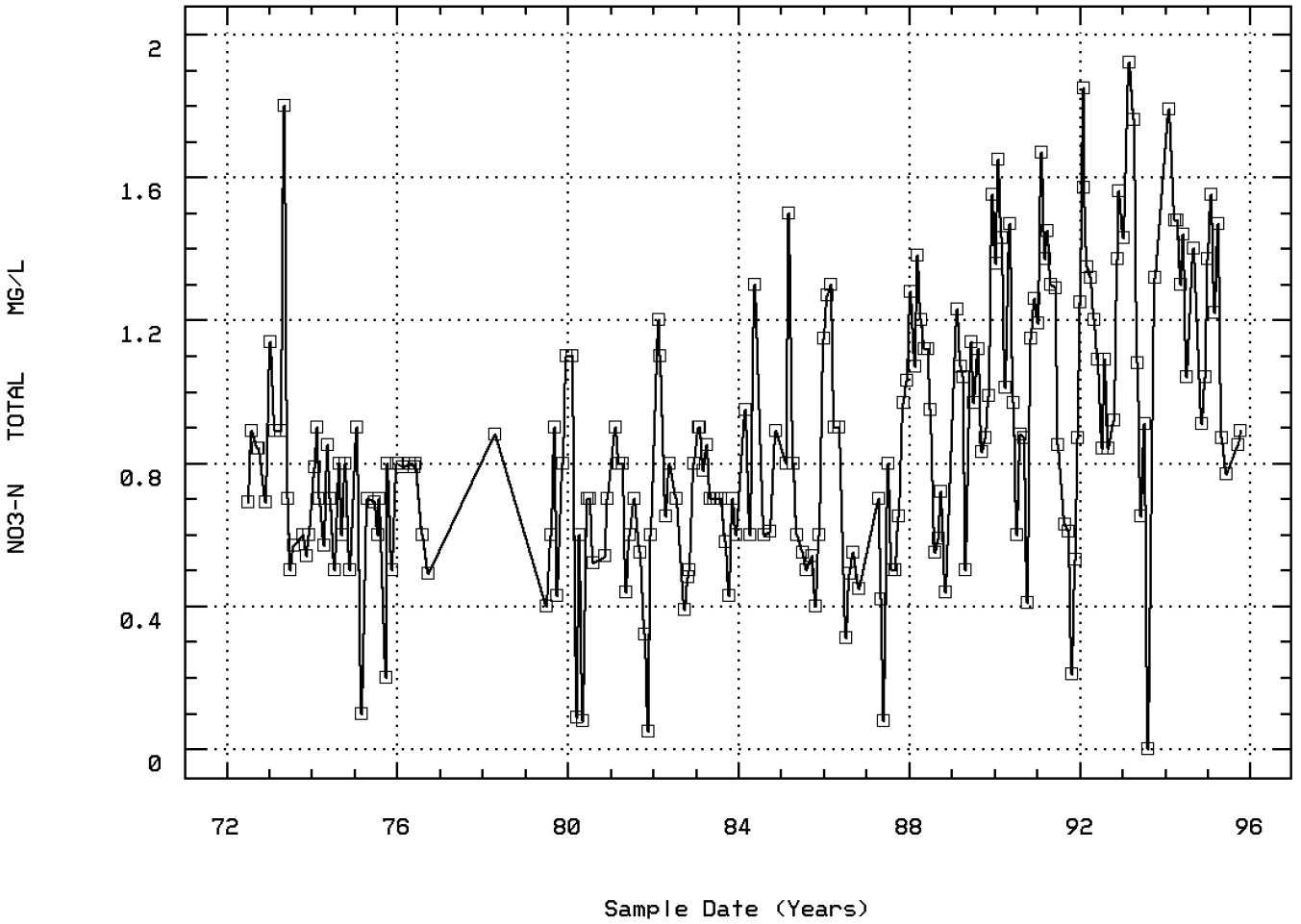
NITRITE NITROGEN, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00620

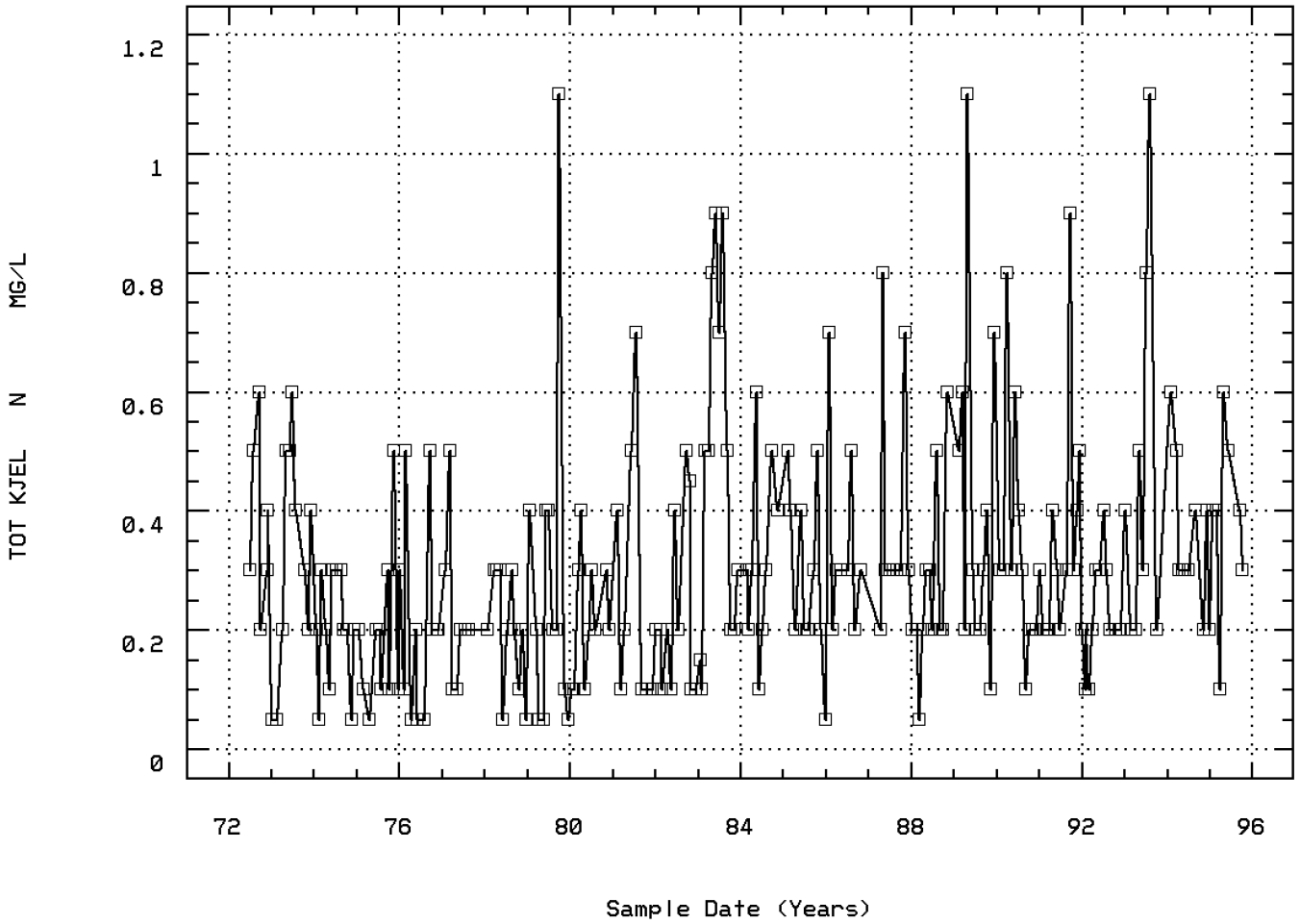
NITRATE NITROGEN, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00625

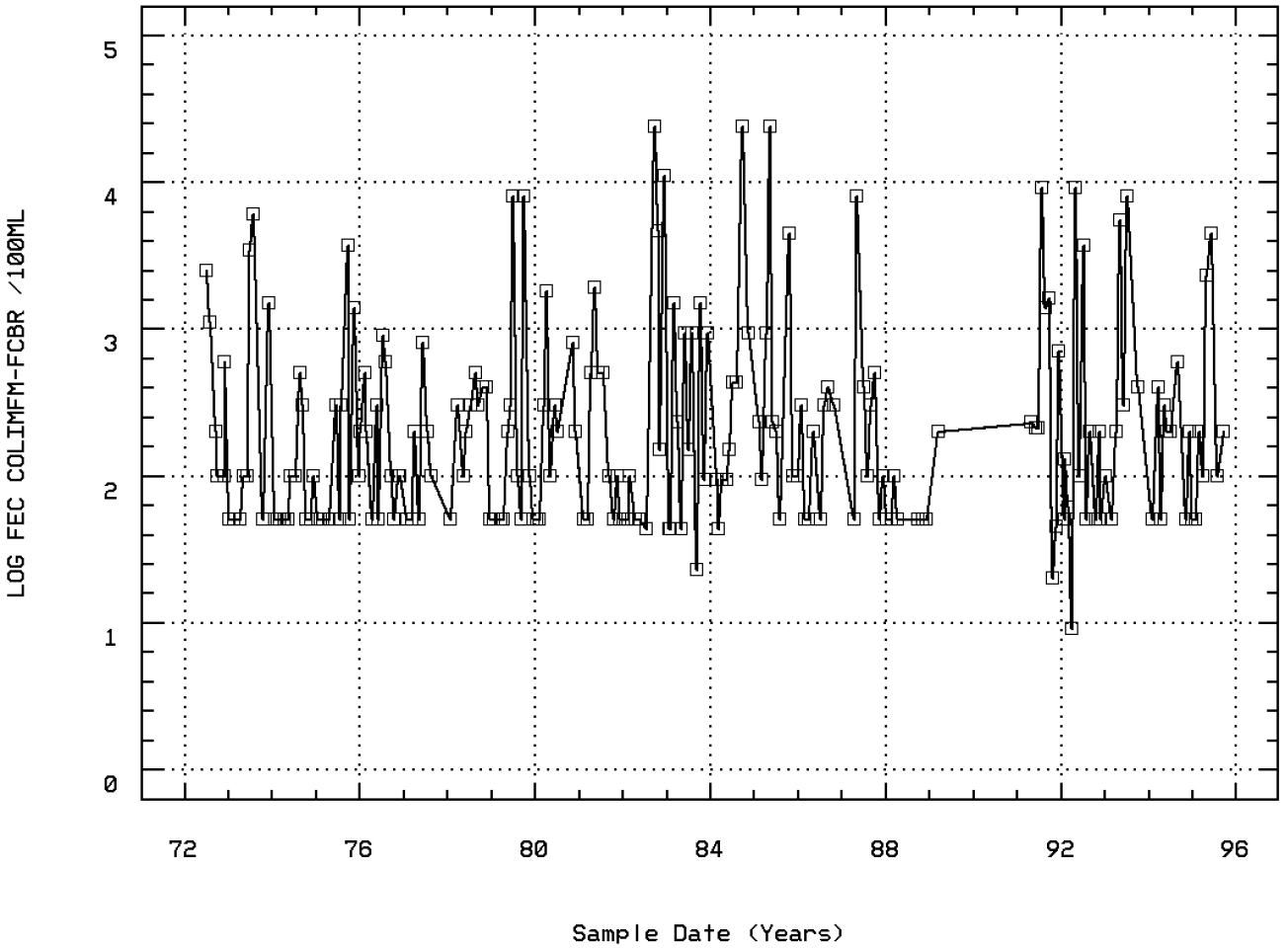
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ROUTE 193 BRIDGE

Annual Analysis for 1972 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	6	15.8	14.35	21.1	5.6	36.131	6.011	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	6	9.9	10.05	12.6	7.4	3.655	1.912	**	**	**	**
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	6	6.7	6.733	7.	6.5	0.027	0.163	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	6	6.7	6.709	7.	6.5	0.027	0.166	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	6	0.2	0.196	0.316	0.1	0.005	0.071	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	6	0.065	0.102	0.29	0.03	0.009	0.097	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	6	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	6	0.765	0.773	0.89	0.69	0.009	0.093	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	6	0.35	0.383	0.6	0.2	0.022	0.147	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	6	400.	766.667	2500.	100.	870666.667	933.095	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	6	2.54	2.586	3.398	2.	0.334	0.578	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			385.85								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	6	0.02	0.02	0.04	0.01	0.	0.011	**	**	**	**

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Annual Analysis for 1973 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	13.35	13.5	23.3	0.	64.122	8.008	0.44	7.775	22.35	23.25
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	10	9.8	10.18	14.4	7.2	5.124	2.264	7.26	8.7	11.6	14.3
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	6.85	7.1	8.5	6.5	0.536	0.732	6.51	6.6	7.35	8.49
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	6.847	6.821	8.5	6.5	0.622	0.789	6.51	6.6	7.35	8.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.142	0.151	0.316	0.003	0.011	0.105	0.003	0.076	0.251	0.31
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.05	0.049	0.1	0.005	0.001	0.023	0.008	0.045	0.05	0.095
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	0.65	0.823	1.799	0.5	0.158	0.398	0.504	0.563	0.952	1.733
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	10	0.35	0.32	0.6	0.05	0.037	0.192	0.05	0.163	0.5	0.59
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	100.	1255.556	6000.	50.	4456527.778	2111.049	50.	50.	2450.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.	2.365	3.778	1.699	0.757	0.87	1.699	1.699	3.354	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			231.538								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	10 ##	0.05	0.043	0.05	0.01	0.	0.015	0.011	0.043	0.05	0.05

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Annual Analysis for 1974 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	12	14.45	13.75	25.	2.8	48.297	6.95	3.79	6.975	19.125	24.01
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	12	9.7	10.025	13.6	7.6	4.031	2.008	7.72	8.1	11.8	13.18
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	12	7.	7.15	8.2	6.9	0.125	0.353	6.9	7.	7.2	7.93
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	12	7.	7.073	8.2	6.9	0.131	0.362	6.9	7.	7.2	7.93
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	12	0.1	0.084	0.126	0.006	0.001	0.034	0.019	0.063	0.1	0.126
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12	0.745	0.726	1.	0.5	0.025	0.159	0.5	0.577	0.838	0.97
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	12	0.2	0.2	0.3	0.05	0.009	0.093	0.05	0.125	0.3	0.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12 ##	50.	120.833	500.	50.	19299.242	138.922	50.	50.	100.	440.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12 ##	1.699	1.922	2.699	1.699	0.116	0.341	1.699	1.699	2.	2.632

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Annual Analysis for 1974 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			83.639								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

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Annual Analysis for 1975 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	13.9	12.573	25.	1.7	79.644	8.924	1.92	2.8	21.1	24.44
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	11	10.6	10.736	14.	5.6	7.879	2.807	6.14	8.4	13.2	13.96
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	11	6.8	7.018	7.5	6.7	0.098	0.312	6.72	6.8	7.3	7.5
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	11	6.8	6.934	7.5	6.7	0.105	0.325	6.72	6.8	7.3	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	11	0.158	0.116	0.2	0.032	0.004	0.062	0.032	0.05	0.158	0.191
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.05	0.08	0.3	0.05	0.006	0.079	0.05	0.05	0.063	0.28
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.006	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	0.695	0.599	0.9	0.1	0.069	0.262	0.11	0.425	0.8	0.89
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	10	0.15	0.185	0.5	0.05	0.018	0.133	0.055	0.1	0.225	0.48
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	11 ##	50.	554.545	3700.	50.	1247227.273	1116.793	50.	50.	300.	3240.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	11 ##	1.699	2.169	3.568	1.699	0.446	0.668	1.699	1.699	2.477	3.484
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			147.675								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	10 ##	0.05	0.042	0.11	0.005	0.001	0.031	0.006	0.01	0.05	0.104

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Annual Analysis for 1976 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	12.2	12.627	23.9	1.1	64.94	8.059	1.1	3.3	20.6	23.34
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	12	10.3	10.825	14.1	8.1	5.055	2.248	8.16	8.8	13.4	14.1
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	12	7.3	7.3	7.5	7.	0.024	0.154	7.06	7.2	7.475	7.5
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	12	7.3	7.275	7.5	7.	0.024	0.156	7.06	7.2	7.475	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	12	0.05	0.053	0.1	0.032	0.	0.02	0.032	0.034	0.063	0.089
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	0.795	0.784	1.	0.49	0.031	0.175	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.2	0.214	0.5	0.05	0.027	0.163	0.05	0.05	0.3	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	150.	262.5	900.	50.	72784.091	269.785	50.	62.5	450.	810.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	2.151	2.217	2.954	1.699	0.193	0.439	1.699	1.774	2.644	2.901
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			164.926								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	11	0.01	0.016	0.05	0.005	0.	0.016	0.005	0.005	0.02	0.048

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Annual Analysis for 1977 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	7	11.3	12.114	23.	0.5	72.525	8.516	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	7	9.2	9.771	13.1	7.8	3.609	1.9	**	**	**	**
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	7	7.3	7.357	7.7	7.	0.053	0.23	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	7	7.3	7.305	7.7	7.	0.056	0.237	**	**	**	**

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Annual Analysis for 1977 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	7	0.05	0.05	0.1	0.02	0.001	0.027	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	7 ##	0.005	0.017	0.05	0.005	0.	0.018	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	7	0.2	0.229	0.5	0.1	0.019	0.138	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7	100.	207.143	800.	50.	72857.143	269.921	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7	2.	2.086	2.903	1.699	0.203	0.45	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			121.901								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	7 ##	0.005	0.011	0.05	0.005	0.	0.017	**	**	**	**

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Annual Analysis for 1978 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	14.25	14.05	28.	0.5	95.078	9.751	0.8	3.875	23.625	27.6
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	10	9.55	10.18	13.4	7.3	3.786	1.946	7.43	8.825	11.775	13.32
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.35	7.29	7.7	6.8	0.081	0.285	6.82	7.	7.5	7.68
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.347	7.203	7.7	6.8	0.089	0.299	6.82	7.	7.5	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.045	0.063	0.158	0.02	0.002	0.044	0.021	0.032	0.1	0.153
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.05	0.077	0.2	0.05	0.004	0.061	0.05	0.05	0.05	0.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.005	0.007	0.02	0.	0.	0.006	0.001	0.005	0.005	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.2	0.2	0.3	0.05	0.009	0.097	0.05	0.1	0.3	0.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	300.	260.	500.	50.	24333.333	155.991	50.	87.5	400.	490.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	2.477	2.303	2.699	1.699	0.139	0.372	1.699	1.925	2.602	2.689
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			201.068								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	11 ##	0.005	0.015	0.08	0.005	0.	0.022	0.005	0.005	0.01	0.068

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Annual Analysis for 1979 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	18.	13.936	22.	2.	51.415	7.17	2.3	8.	19.	21.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	6	89.5	1407.	8000.	54.	10432747.2	3229.976	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	11	9.	10.027	13.	7.9	3.798	1.949	7.96	8.3	12.	12.92
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	6	1.	1.667	3.	1.	1.067	1.033	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	6	8.	10.5	29.	4.	89.5	9.46	**	**	**	**
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	11	7.3	7.291	7.6	7.1	0.021	0.145	7.12	7.2	7.3	7.58
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	11	7.3	7.271	7.6	7.1	0.021	0.146	7.12	7.2	7.3	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	11	0.05	0.054	0.079	0.025	0.	0.015	0.026	0.05	0.063	0.076
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	5	89.	146.6	308.	67.	11144.3	105.567	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	5	18.	138.8	600.	16.	66585.2	258.041	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	5	71.	120.6	266.	51.	8793.3	93.773	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	6 ##	10.75	62.917	226.	2.5	8665.942	93.091	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	6 ##	4.75	140.083	800.	2.5	104600.742	323.42	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	6 ##	7.25	54.417	200.	2.5	6768.942	82.274	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.05	0.1	0.5	0.05	0.02	0.141	0.05	0.05	0.063	0.46
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.005	0.014	0.06	0.005	0.	0.02	0.005	0.005	0.005	0.058
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	6	0.7	0.705	1.1	0.4	0.077	0.277	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.2	0.286	1.1	0.05	0.093	0.304	0.05	0.05	0.4	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	5 ##	0.05	0.13	0.3	0.05	0.013	0.115	**	**	**	**

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Annual Analysis for 1979 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	4	0.025	0.064	0.2	0.005	0.008	0.091	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	6	4.5	6.167	16.	1.	29.367	5.419	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	11	100.	1540.909	8000.	50.	10204409.091	3194.434	50.	50.	300.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	11	2.	2.28	3.903	1.699	0.715	0.846	1.699	1.699	2.477	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			190.513								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	5	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	5	## 0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1980 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	11.25	13.19	28.5	1.	92.03	9.593	1.27	5.425	23.	28.25
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	10	109.5	134.6	362.	92.	6605.378	81.273	92.5	97.75	125.75	340.1
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	9	9.5	9.433	12.6	5.7	4.44	2.107	5.7	7.95	11.15	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	10	1.	1.8	5.	1.	1.733	1.317	1.	1.	2.25	4.8
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	10	7.5	13.5	39.	3.	151.611	12.313	3.1	5.5	22.	38.2
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.25	7.5	8.5	7.1	0.253	0.503	7.1	7.175	7.775	8.48
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.247	7.334	8.5	7.1	0.284	0.533	7.1	7.175	7.775	8.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.057	0.046	0.079	0.003	0.001	0.028	0.003	0.02	0.067	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	8.	34.95	228.	2.5	4842.858	69.591	2.5	2.5	34.	210.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	2.75	5.85	20.	1.	34.169	5.845	1.1	2.375	9.25	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	6.	29.85	208.	2.5	4069.058	63.789	2.5	2.5	24.75	191.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	## 0.05	0.075	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.19
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	## 0.005	0.01	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.037
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	0.65	0.603	1.1	0.08	0.109	0.33	0.081	0.413	0.775	1.09
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	10	0.2	0.22	0.4	0.1	0.011	0.103	0.1	0.1	0.3	0.39
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	10	## 0.05	0.08	0.2	0.05	0.002	0.048	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	10	## 0.008	0.024	0.1	0.005	0.001	0.032	0.005	0.005	0.038	0.096
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	10	7.	7.6	12.	5.	6.267	2.503	5.	5.75	9.	12.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	200.	422.222	1800.	50.	318819.444	564.641	50.	75.	550.	1800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.301	2.346	3.255	1.699	0.267	0.516	1.699	1.849	2.69	3.255
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			221.74								

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Annual Analysis for 1981 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	12.65	12.37	23.	1.9	57.685	7.595	2.01	5.625	19.95	22.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	10	120.5	125.9	174.	99.	526.322	22.942	99.3	114.75	132.25	172.3
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	10	11.	10.52	13.2	7.4	3.622	1.903	7.51	8.875	11.95	13.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	10	2.	1.6	3.	0.5	0.656	0.81	0.5	0.875	2.	2.9
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	10	10.	10.2	22.	3.	39.289	6.268	3.	3.75	15.25	21.4
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.15	7.05	7.4	6.7	0.074	0.272	6.7	6.775	7.3	7.39
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.147	6.974	7.4	6.7	0.08	0.283	6.7	6.775	7.3	7.39
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.071	0.106	0.2	0.04	0.004	0.065	0.041	0.05	0.169	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	9.5	14.3	44.	2.5	201.011	14.178	2.5	2.5	24.	42.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	2.75	3.8	8.	1.	4.511	2.124	1.15	2.5	5.25	7.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	6.5	11.5	36.	2.5	130.389	11.419	2.5	2.5	18.75	34.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	## 0.05	0.061	0.2	0.01	0.003	0.05	0.014	0.05	0.05	0.185
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	## 0.005	0.056	0.48	0.005	0.022	0.149	0.005	0.005	0.02	0.434
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	0.6	0.576	0.9	0.05	0.065	0.255	0.077	0.41	0.8	0.89
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	8	0.15	0.275	0.7	0.1	0.054	0.231	**	**	**	**

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Annual Analysis for 1981 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	10	0.02	0.026	0.05	0.005	0.	0.018	0.005	0.009	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	10	5.	6.15	18.	0.5	24.558	4.956	0.65	2.75	8.25	17.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	100.	380.	1900.	50.	327333.333	572.131	50.	50.	500.	1760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	2.	2.217	3.279	1.699	0.332	0.577	1.699	1.699	2.699	3.221
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			164.875								

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Annual Analysis for 1982 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	8	7.85	8.55	20.	0.7	45.1	6.716	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	3	7.	6.767	7.8	5.5	1.363	1.168	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	11	116.	124.818	263.	78.	2684.164	51.809	79.2	87.	140.	241.4
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	11	10.4	10.9	13.8	8.9	2.876	1.696	8.98	9.4	12.8	13.64
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	11	2.	2.	4.	1.	1.	1.	1.	1.	3.	3.8
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	11	8.	10.273	28.	3.	57.018	7.551	3.2	5.	15.	26.2
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	11	7.1	7.018	7.5	6.4	0.138	0.371	6.42	6.7	7.3	7.48
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	11	7.1	6.869	7.5	6.4	0.162	0.403	6.42	6.7	7.3	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	11	0.079	0.135	0.398	0.032	0.015	0.123	0.033	0.05	0.2	0.382
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	5	6.8	6.8	7.4	6.3	0.215	0.464	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	5	6.8	6.628	7.4	6.3	0.252	0.502	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	5	0.158	0.235	0.501	0.04	0.041	0.203	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	5	22.	22.2	29.	17.	24.7	4.97	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	11	5.	29.955	160.	2.5	3010.623	54.869	2.5	2.5	14.	151.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	11	2.5	6.773	28.	0.	79.268	8.903	0.5	2.5	8.	26.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	11	2.5	24.318	132.	2.	2080.714	45.615	2.	2.5	14.	125.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.05	0.068	0.2	0.05	0.002	0.046	0.05	0.05	0.05	0.18
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.005	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11	0.8	0.784	1.2	0.39	0.072	0.268	0.408	0.5	1.	1.18
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.2	0.232	0.5	0.1	0.022	0.149	0.1	0.1	0.4	0.49
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	11 ##	0.05	0.064	0.15	0.05	0.001	0.032	0.05	0.05	0.05	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	11	0.01	0.031	0.12	0.005	0.002	0.04	0.005	0.005	0.03	0.116
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	11	4.	3.545	9.	0.5	9.423	3.07	0.5	1.	4.	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	5	8.	7.6	11.	2.	11.3	3.362	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	75.	4009.3	24000.	43.	61939942.678	7870.193	43.7	50.	6200.	22700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	10	1.849	2.469	4.38	1.633	1.214	1.102	1.64	1.699	3.757	4.346
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			294.429								

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Annual Analysis for 1983 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	12	12.95	13.217	24.5	2.5	61.954	7.871	2.8	6.375	19.75	24.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	8.9	14.225	40.	3.1	142.308	11.929	3.73	6.25	25.25	37.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	12	109.5	115.917	203.	70.	1326.265	36.418	74.2	92.25	127.	191.6
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	12	11.1	10.617	14.6	7.8	4.343	2.084	7.98	8.6	11.725	14.15
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	12	1.5	1.542	3.	0.5	0.521	0.722	0.65	1.	2.	2.7
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	12	7.5	9.75	30.	3.	48.205	6.943	3.9	6.	11.	24.9
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	12	6.95	6.942	7.5	6.3	0.166	0.408	6.3	6.575	7.275	7.47
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	12	6.947	6.762	7.5	6.3	0.202	0.449	6.3	6.575	7.275	7.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	12	0.113	0.173	0.501	0.032	0.029	0.171	0.034	0.053	0.277	0.501

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Annual Analysis for 1983 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	12	6.8	6.808	7.3	6.1	0.15	0.387	6.13	6.55	7.175	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	12	6.8	6.636	7.3	6.1	0.182	0.427	6.13	6.55	7.175	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	12	0.158	0.231	0.794	0.05	0.057	0.239	0.054	0.067	0.287	0.745
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	12	24.	23.917	36.	14.	27.902	5.282	15.2	22.	25.	33.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	8.	12.542	55.	2.5	224.703	14.99	2.5	2.5	17.75	44.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	2.75	4.042	8.	2.	4.657	2.158	2.15	2.5	6.5	7.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	2.75	9.542	48.	0.	176.975	13.303	0.75	2.5	12.5	39.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.009	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12	0.7	0.712	0.9	0.43	0.019	0.136	0.475	0.625	0.833	0.9
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	12	0.5	0.479	0.9	0.1	0.086	0.293	0.115	0.2	0.775	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	12 ##	0.05	0.067	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	12	0.02	0.023	0.05	0.005	0.	0.016	0.005	0.01	0.038	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	12	4.	4.25	9.	1.	4.932	2.221	1.3	3.	5.75	8.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	10	11.5	12.7	27.	5.	39.789	6.308	5.2	8.5	15.75	26.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	8	11.4	11.175	13.6	7.3	3.956	1.989	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	190.	534.583	1500.	23.	341406.629	584.3	29.	43.	930.	1500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	2.269	2.336	3.176	1.362	0.473	0.688	1.443	1.633	2.968	3.176
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			216.524								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	9	13.6	13.933	24.	3.9	67.523	8.217	3.9	5.	21.8	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	9	11.6	23.256	103.	4.3	961.595	31.01	4.3	6.05	25.5	103.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	9	102.	1466.444	12310.	83.	16535995.528	4066.448	83.	95.5	152.	12310.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	9	9.8	10.433	12.8	8.4	3.268	1.808	8.4	8.7	12.5	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	1.	1.667	3.	1.	0.75	0.866	1.	1.	2.5	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	7.	9.	25.	2.	51.	7.141	2.	4.	12.5	25.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	9	6.9	7.011	7.7	6.4	0.271	0.521	6.4	6.55	7.55	7.7
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	9	6.9	6.786	7.7	6.4	0.328	0.573	6.4	6.55	7.55	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	9	0.126	0.164	0.398	0.02	0.021	0.143	0.02	0.03	0.284	0.398
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	6.4	6.411	6.8	6.2	0.036	0.19	6.2	6.25	6.5	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	6.4	6.378	6.8	6.2	0.037	0.193	6.2	6.25	6.5	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.398	0.419	0.631	0.158	0.025	0.159	0.158	0.316	0.566	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	9	24.	22.333	28.	17.	19.75	4.444	17.	17.	26.	28.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	13.	38.778	240.	2.5	5813.882	76.249	2.5	3.75	30.	240.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	5.	7.111	28.	1.	69.049	8.31	1.	2.25	8.5	28.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	8.	32.222	212.	2.5	4617.382	67.951	2.5	2.75	23.	212.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.05	0.059	0.13	0.05	0.001	0.027	0.05	0.05	0.05	0.13
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.008	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9	0.95	0.883	1.3	0.6	0.057	0.238	0.6	0.605	1.	1.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	9	0.3	0.322	0.6	0.1	0.024	0.156	0.1	0.2	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	9 ##	0.05	0.067	0.2	0.05	0.003	0.05	0.05	0.05	0.05	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	9	0.01	0.031	0.15	0.005	0.002	0.046	0.005	0.01	0.03	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	9	4.	4.222	9.	1.	5.194	2.279	1.	3.	5.5	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	11.	15.222	38.	7.	101.444	10.072	7.	10.5	19.	38.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	3	13.2	12.7	13.3	11.6	0.91	0.954	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	150.	2918.	24000.	43.	62581560.	7910.851	43.	93.	680.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.176	2.481	4.38	1.633	0.686	0.828	1.633	1.968	2.801	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			302.818								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	16.75	15.65	25.	3.	47.725	6.908	3.4	10.75	21.25	24.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	10	7.5	21.32	62.	2.2	631.231	25.124	2.38	4.525	52.5	61.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	10	123.5	126.2	175.	106.	350.622	18.725	106.6	115.	129.25	170.5
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	8	8.7	9.475	14.1	7.4	5.105	2.259	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	10	1.	1.65	4.	0.5	1.669	1.292	0.55	1.	2.5	4.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	10	7.	9.2	24.	3.	45.289	6.73	3.	3.75	14.25	23.1
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	6.75	6.72	7.1	5.8	0.137	0.371	5.88	6.6	6.95	7.1
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	6.747	6.515	7.1	5.8	0.184	0.429	5.88	6.6	6.95	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.179	0.306	1.585	0.079	0.206	0.454	0.079	0.114	0.251	1.452
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	10	6.8	6.87	7.4	6.5	0.069	0.263	6.51	6.675	7.025	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	10	6.8	6.806	7.4	6.5	0.073	0.271	6.51	6.675	7.025	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	10	0.158	0.156	0.316	0.04	0.007	0.083	0.044	0.095	0.212	0.31
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	10	28.5	27.4	35.	19.	25.156	5.016	19.3	22.75	31.25	34.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	7.	31.8	118.	2.5	1921.233	43.832	2.5	4.375	71.25	115.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	4.	5.8	15.	2.5	18.789	4.335	2.5	2.875	8.25	14.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	5.	27.	106.	2.	1530.833	39.126	2.	2.375	62.25	103.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.05	0.105	0.4	0.05	0.013	0.114	0.05	0.05	0.125	0.38
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.008	0.013	0.05	0.005	0.	0.014	0.005	0.005	0.013	0.047
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	10	0.6	0.729	1.5	0.4	0.104	0.323	0.41	0.53	0.85	1.45
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	10	0.35	0.39	1.	0.2	0.061	0.247	0.2	0.2	0.5	0.95
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	10 ##	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	10	0.02	0.028	0.09	0.005	0.001	0.027	0.006	0.01	0.038	0.087
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	10	4.5	4.7	7.	2.	3.122	1.767	2.1	3.	6.25	7.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	10	13.5	15.3	25.	12.	15.122	3.889	12.1	13.	16.5	24.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	230.	3370.333	24000.	50.	61881191.	7866.46	50.	96.5	2715.	24000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.362	2.633	4.38	1.699	0.772	0.879	1.699	1.984	3.311	4.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			429.19								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	9	15.5	12.767	25.	1.	80.915	8.995	1.	2.	19.5	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	9	5.4	78.111	612.	2.3	40436.726	201.089	2.3	3.2	33.4	612.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	9	151.	171.333	336.	107.	6162.	78.498	107.	116.	215.5	336.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	8	10.7	11.2	14.6	7.8	5.843	2.417	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	1.	1.333	3.	1.	0.5	0.707	1.	1.	1.5	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	9.	10.	18.	3.	28.25	5.315	3.	5.5	15.	18.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	9	6.8	6.922	7.8	6.4	0.222	0.471	6.4	6.5	7.3	7.8
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	9	6.8	6.744	7.8	6.4	0.258	0.507	6.4	6.5	7.3	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	9	0.158	0.18	0.398	0.016	0.021	0.145	0.016	0.05	0.325	0.398
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	6.8	6.744	7.	6.2	0.075	0.274	6.2	6.55	7.	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	6.8	6.657	7.	6.2	0.084	0.29	6.2	6.55	7.	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.158	0.22	0.631	0.1	0.029	0.172	0.1	0.1	0.284	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	9	25.	27.111	39.	22.	29.111	5.395	22.	23.5	30.5	39.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	9 ##	2.5	12.889	71.	2.5	524.424	22.9	2.5	2.5	15.	71.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9 ##	2.5	3.667	13.	1.	12.813	3.579	1.	2.5	3.25	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	9 ##	2.5	10.889	58.	2.5	344.924	18.572	2.5	2.5	12.5	58.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.05	0.089	0.3	0.05	0.007	0.086	0.05	0.05	0.1	0.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.005	0.008	0.03	0.005	0.	0.008	0.005	0.005	0.008	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9	0.9	0.813	1.3	0.31	0.142	0.376	0.31	0.47	1.21	1.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	9	0.3	0.317	0.7	0.05	0.035	0.187	0.05	0.2	0.4	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	9	0.05	0.062	0.2	0.01	0.003	0.059	0.01	0.02	0.085	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	9	0.01	0.024	0.11	0.005	0.001	0.037	0.005	0.005	0.035	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	9	4.	4.444	8.	3.	2.528	1.59	3.	3.	5.	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	16.	29.	81.	13.	603.75	24.571	13.	14.	44.	81.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	6	10.95	11.733	17.5	7.4	15.711	3.964	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	200.	194.444	400.	50.	18402.778	135.657	50.	50.	300.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.301	2.159	2.602	1.699	0.148	0.384	1.699	1.699	2.477	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			144.225								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	15.	16.26	25.2	6.	42.905	6.55	6.28	11.05	23.075	25.07
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	8	5.35	33.6	195.	2.7	4388.077	66.243	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	9	124.	142.778	259.	95.	2469.694	49.696	95.	118.5	161.	259.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	10	10.	9.54	12.2	7.5	2.88	1.697	7.5	7.725	11.025	12.09
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	2.	3.611	14.	0.5	18.861	4.343	0.5	1.	5.5	14.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	13.	17.667	39.	5.	138.	11.747	5.	8.5	27.5	39.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.65	7.402	8.1	6.3	0.445	0.667	6.3	6.825	7.93	8.092
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.647	6.905	8.1	6.3	0.719	0.848	6.3	6.825	7.93	8.092
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.023	0.124	0.501	0.008	0.04	0.201	0.008	0.012	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	6.8	6.856	7.1	6.5	0.038	0.194	6.5	6.75	7.05	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	6.8	6.816	7.1	6.5	0.04	0.199	6.5	6.75	7.05	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.158	0.153	0.316	0.079	0.005	0.074	0.079	0.09	0.179	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	9	30.	31.	55.	15.	118.25	10.874	15.	26.	34.	55.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	7.	41.222	262.	2.5	7336.319	85.652	2.5	2.5	41.5	262.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9 ##	2.5	5.722	23.	2.5	44.944	6.704	2.5	2.5	6.5	23.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	2.5	36.667	239.	2.	6172.625	78.566	2.	2.5	37.	239.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.05	0.058	0.1	0.025	0.001	0.025	0.025	0.05	0.075	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.005	0.014	0.04	0.005	0.	0.013	0.005	0.005	0.025	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9	0.65	0.628	1.03	0.08	0.086	0.294	0.08	0.46	0.885	1.03
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	9	0.3	0.389	0.8	0.2	0.044	0.209	0.2	0.3	0.5	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	9	0.1	0.094	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	9	0.01	0.025	0.1	0.005	0.001	0.03	0.005	0.01	0.03	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	5	4.	5.2	8.	3.	4.7	2.168	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	6	38.	44.667	86.	32.	418.667	20.461	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	15.	16.778	36.	2.	114.944	10.721	2.	10.	24.5	36.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	9	10.5	10.433	13.5	4.9	5.842	2.417	4.9	9.75	12.	13.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	8	200.	1187.5	8000.	50.	7606250.	2757.943	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	8	2.239	2.385	3.903	1.699	0.528	0.727	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			242.604								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	15.2	12.864	23.	3.1	50.963	7.139	3.16	4.1	18.7	22.54
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	3.9	5.525	20.	1.3	28.231	5.313	1.33	1.825	6.55	17.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	12	122.	135.667	217.	107.	1004.606	31.696	110.	120.25	139.75	206.2
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	12	10.35	10.95	14.	8.2	4.785	2.187	8.38	9.075	13.675	13.91
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	12	1.	0.792	1.	0.5	0.066	0.257	0.5	0.5	1.	1.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	12	7.	7.583	14.	3.	9.902	3.147	3.6	5.	10.	13.1
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	12	8.	7.967	8.5	7.	0.179	0.423	7.15	7.75	8.2	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	12	8.	7.733	8.5	7.	0.238	0.488	7.15	7.75	8.2	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	12	0.01	0.019	0.1	0.003	0.001	0.027	0.003	0.006	0.018	0.079
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	12	6.9	6.992	7.8	6.7	0.104	0.323	6.7	6.8	7.1	7.68

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Annual Analysis for 1988 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	12	6.9	6.913	7.8	6.7	0.111	0.334	6.7	6.8	7.1	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	12	0.126	0.122	0.2	0.016	0.003	0.059	0.023	0.079	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	12	28.5	33.25	90.	22.	328.205	18.116	23.2	26.	31.	72.9
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	2	96.	96.	111.	81.	450.	21.213	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	2	20.	20.	28.	12.	128.	11.314	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	2	76.	76.	83.	69.	98.	9.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	12 ##	2.5	2.708	6.	0.5	2.248	1.499	0.65	2.125	2.875	5.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	12 ##	2.5	2.125	3.	0.5	0.688	0.829	0.65	1.25	2.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	12 ##	2.5	1.958	3.	0.5	1.021	1.01	0.5	0.625	2.5	3.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.04	0.042	0.08	0.02	0.001	0.025	0.02	0.02	0.07	0.08
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11	0.01	0.018	0.06	0.005	0.	0.017	0.005	0.005	0.03	0.054
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11	1.07	0.947	1.38	0.44	0.103	0.321	0.462	0.59	1.2	1.36
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.2	0.268	0.6	0.05	0.024	0.155	0.08	0.2	0.3	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	11	0.1	0.077	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	11	0.01	0.018	0.05	0.005	0.	0.016	0.005	0.005	0.03	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	9	1.9	2.111	3.6	1.4	0.499	0.706	1.4	1.55	2.6	3.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	12	36.	37.	42.	34.	9.091	3.015	34.	34.	39.5	42.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	12	19.5	21.333	38.	14.	55.152	7.426	14.6	16.5	21.	37.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	3	6.	6.333	7.	6.	0.333	0.577	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	3 ##	0.05	0.077	0.13	0.05	0.002	0.046	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	10	10.25	10.59	13.	6.4	3.968	1.992	6.71	9.725	12.625	13.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7 ##	50.	57.143	100.	50.	357.143	18.898	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7 ##	1.699	1.742	2.	1.699	0.013	0.114	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.204								

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Annual Analysis for 1989 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	10	11.65	11.33	21.5	0.	62.258	7.89	0.25	2.875	19.575	21.39
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	10	2.9	9.11	54.	0.6	277.334	16.653	0.61	1.675	7.15	50.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	8	151.	287.375	1226.	108.	145602.268	381.579	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	2	130.	130.	137.	123.	98.	9.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	10	11.05	11.07	14.1	8.	5.273	2.296	8.11	9.1	13.95	14.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	10	1.5	1.6	3.	1.	0.489	0.699	1.	1.	2.	2.9
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	10	10.5	10.7	24.	3.	35.789	5.982	3.1	5.5	13.25	23.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	8	7.7	7.613	7.9	7.3	0.038	0.196	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	8	7.7	7.573	7.9	7.3	0.04	0.2	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	8	0.02	0.027	0.05	0.013	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	10	6.8	6.79	7.1	6.5	0.028	0.166	6.52	6.7	6.85	7.09
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	10	6.8	6.762	7.1	6.5	0.029	0.169	6.52	6.7	6.85	7.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	10	0.158	0.173	0.316	0.079	0.004	0.065	0.081	0.144	0.2	0.305
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	10	25.	25.4	32.	20.	16.489	4.061	20.	21.5	29.	31.7
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	10	97.5	175.1	670.	76.	33561.656	183.198	76.2	81.	197.25	629.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	10	28.5	32.2	70.	6.	407.956	20.198	7.	16.75	45.5	69.2
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	10	80.5	142.9	600.	38.	27997.433	167.324	40.2	63.75	158.5	559.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	3.	22.55	168.	0.5	2673.136	51.702	0.55	1.75	18.75	153.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	1.	1.444	4.	0.5	1.653	1.286	0.5	0.5	2.5	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	1.5	19.7	151.	0.5	2184.622	46.74	0.5	0.875	16.25	138.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	10 ##	0.035	0.069	0.16	0.02	0.004	0.06	0.02	0.02	0.143	0.159
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11 ##	0.005	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	11	1.04	1.028	1.55	0.5	0.068	0.262	0.566	0.87	1.14	1.486
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	11	0.3	0.418	1.1	0.1	0.086	0.293	0.12	0.2	0.6	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	11 ##	0.05	0.073	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	11	0.01	0.021	0.08	0.005	0.001	0.022	0.005	0.01	0.03	0.072
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	10	3.3	3.38	6.6	1.7	1.913	1.383	1.75	2.425	3.95	6.38

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Annual Analysis for 1989 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	10	36.	51.6	158.	28.	1610.489	40.131	28.4	33.5	50.	150.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	8	23.5	64.5	341.	12.	12668.857	112.556	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	8	8.	7.125	9.	4.	2.982	1.727	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	10 ##	0.07	0.08	0.12	0.05	0.001	0.033	0.05	0.05	0.113	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	11	11.5	10.936	13.9	7.	5.233	2.287	7.08	8.5	12.5	13.72
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.								

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Annual Analysis for 1990 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	5.7	9.091	22.4	1.	57.965	7.613	1.26	2.6	18.2	21.72
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	9.95	25.767	179.	3.	2422.19	49.216	3.06	5.075	18.55	136.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	1	493.	493.	493.	493.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	11	126.	126.091	147.	110.	122.691	11.077	111.	117.	135.	145.4
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	11	10.9	11.118	13.3	8.8	2.99	1.729	8.82	9.7	12.8	13.28
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	12	1.	1.375	3.	0.5	0.506	0.711	0.65	1.	2.	2.7
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	12	7.	7.792	18.	0.5	33.339	5.774	0.65	3.	11.75	17.7
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	6	7.25	7.217	7.8	6.6	0.21	0.458	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	6	7.247	7.027	7.8	6.6	0.253	0.503	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	6	0.057	0.094	0.251	0.016	0.009	0.092	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	12	6.7	6.683	6.9	6.4	0.031	0.175	6.4	6.525	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	12	6.7	6.65	6.9	6.4	0.032	0.178	6.4	6.525	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	12	0.2	0.224	0.398	0.126	0.009	0.097	0.126	0.158	0.3	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	12	26.	26.25	33.	18.	16.205	4.025	19.5	23.5	28.5	32.7
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	11	90.	122.636	295.	74.	5505.855	74.201	74.8	84.	124.	284.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	11	23.	24.364	41.	11.	83.255	9.124	11.4	18.	33.	39.6
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	11	72.	98.273	262.	50.	4803.818	69.31	50.4	67.	83.	251.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	6.5	18.625	148.	0.5	1684.96	41.048	0.65	3.25	11.75	108.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	2.	3.542	20.	0.5	28.339	5.323	0.65	1.	3.75	15.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	5.	15.208	128.	0.5	1279.112	35.765	0.5	0.875	8.75	93.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.02	0.039	0.2	0.02	0.003	0.052	0.02	0.02	0.035	0.155
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.008	0.012	0.05	0.005	0.	0.013	0.005	0.005	0.01	0.041
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12	1.08	1.088	1.65	0.41	0.136	0.369	0.467	0.873	1.413	1.596
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	12	0.3	0.392	1.	0.1	0.074	0.271	0.13	0.2	0.55	0.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	12 ##	0.05	0.075	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	12	0.01	0.023	0.15	0.005	0.002	0.041	0.005	0.005	0.018	0.117
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	12	2.3	3.117	5.9	1.3	2.858	1.691	1.33	1.75	4.725	5.84
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	12	38.	39.167	52.	32.	37.424	6.118	32.	34.5	43.	50.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	12	14.5	25.333	130.	12.	1103.152	33.214	12.	13.25	20.25	98.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	12	5.5	6.083	9.	5.	2.265	1.505	5.	5.	6.75	9.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	12 ##	0.05	0.067	0.15	0.025	0.001	0.038	0.025	0.05	0.1	0.138
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	12	13.2	12.683	15.	7.7	4.209	2.052	8.69	11.6	14.25	14.79

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Annual Analysis for 1991 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	11	8.8	12.236	24.4	3.	71.297	8.444	3.	5.3	21.4	24.04
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	12	4.85	21.992	186.	2.1	2712.303	52.08	2.22	3.	14.575	137.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	2	134.	134.	141.	127.	98.	9.899	**	**	**	**

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Annual Analysis for 1991 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	12	126.	128.583	157.	93.	280.629	16.752	99.6	121.25	143.75	153.7
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	9	9.5	10.356	14.5	7.2	9.403	3.066	7.2	7.65	13.9	14.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	12	2.5	2.667	5.	1.	2.061	1.435	1.	1.25	3.75	5.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	12	7.	8.75	27.	3.	44.386	6.662	3.	4.	11.5	22.8
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.25	7.18	8.	6.2	0.231	0.48	6.27	6.9	7.425	7.95
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	10	7.225	6.912	8.	6.2	0.31	0.557	6.27	6.9	7.425	7.95
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	10	0.06	0.122	0.631	0.01	0.034	0.183	0.012	0.038	0.126	0.58
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	11	6.8	6.845	7.3	6.6	0.047	0.216	6.6	6.7	7.	7.26
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	11	6.8	6.803	7.3	6.6	0.049	0.221	6.6	6.7	7.	7.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	11	0.158	0.157	0.251	0.05	0.004	0.066	0.056	0.1	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	11	23.	23.909	30.	16.	23.891	4.888	16.2	21.	28.	30.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	12	92.	104.167	238.	73.	1840.879	42.905	76.6	90.25	99.5	198.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	12	24.	25.75	40.	18.	40.568	6.369	18.6	20.5	29.75	37.9
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	12	68.	78.417	198.	49.	1521.356	39.005	51.7	62.	78.	165.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	3.	18.625	178.	1.5	2531.688	50.316	1.5	1.75	9.25	128.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	12 ##	1.5	3.083	19.	0.5	25.674	5.067	0.65	1.	2.5	14.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	2.5	16.375	159.	1.5	2024.597	44.996	1.5	1.625	7.5	114.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.02	0.029	0.09	0.02	0.	0.021	0.02	0.02	0.035	0.075
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.005	0.01	0.05	0.005	0.	0.013	0.005	0.005	0.009	0.038
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	12	1.03	0.998	1.67	0.21	0.197	0.444	0.306	0.615	1.353	1.604
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	12	0.3	0.35	0.9	0.2	0.039	0.198	0.2	0.2	0.4	0.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	12 ##	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	12	0.01	0.018	0.1	0.005	0.001	0.026	0.005	0.006	0.018	0.076
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	12	2.25	2.583	5.2	1.	1.623	1.274	1.09	1.525	3.375	4.96
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	12	36.	42.167	86.	34.	249.788	15.805	34.	34.	38.	78.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	12	15.	15.917	24.	10.	17.538	4.188	10.3	13.25	19.	23.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	12	6.	6.417	12.	4.	4.447	2.109	4.3	5.	7.	10.8
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	10 ##	0.085	0.092	0.15	0.05	0.002	0.045	0.05	0.05	0.133	0.149
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	12	12.85	12.325	15.8	7.	7.175	2.679	7.84	10.1	14.675	15.77
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	230.	1512.778	9200.	20.	8649631.944	2941.026	20.	127.5	1500.	9200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.362	2.569	3.964	1.301	0.671	0.819	1.301	1.988	3.175	3.964
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			370.543								

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Annual Analysis for 1992 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	13	8.7	10.469	24.5	0.8	52.371	7.237	1.56	4.75	17.4	22.58
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	4	3.45	3.85	6.1	2.4	2.51	1.584	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	13	134.	137.385	156.	125.	97.09	9.853	125.4	131.	142.5	156.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	13	130.	131.692	154.	119.	114.897	10.719	119.4	122.5	139.5	151.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	13	1.	1.385	3.	1.	0.423	0.65	1.	1.	2.	2.6
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	13	6.	7.154	19.	0.5	25.933	5.092	0.5	4.	10.5	16.2
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	13	7.3	7.254	7.7	6.6	0.101	0.318	6.64	7.15	7.45	7.66
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	13	7.3	7.129	7.7	6.6	0.118	0.343	6.64	7.15	7.45	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	13	0.05	0.074	0.251	0.02	0.005	0.07	0.022	0.036	0.071	0.231
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	13	7.1	7.1	8.5	5.9	0.367	0.606	6.1	6.85	7.35	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	13	7.1	6.722	8.5	5.9	0.521	0.722	6.1	6.85	7.35	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	13	0.079	0.19	1.259	0.003	0.113	0.336	0.015	0.045	0.142	0.915
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	13	27.	27.308	35.	21.	13.564	3.683	22.2	25.	29.5	33.8
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	13	93.	93.154	109.	73.	117.641	10.846	76.2	84.	102.5	107.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	13	25.	25.846	37.	14.	48.474	6.962	15.2	20.	31.5	36.2
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	13	66.	67.308	84.	49.	81.564	9.031	51.8	63.	73.	81.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	2.	2.667	8.	1.	4.015	2.004	1.	1.5	3.	7.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	1.	1.	2.	0.	0.364	0.603	0.	0.625	1.5	1.85
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	12	1.75	2.083	6.	0.	2.583	1.607	0.3	1.	2.75	5.4

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Annual Analysis for 1992 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	12 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	13	1.25	1.25	1.85	0.84	0.091	0.301	0.84	1.005	1.465	1.738
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	13	0.2	0.223	0.4	0.1	0.007	0.083	0.1	0.2	0.3	0.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	13 ##	0.05	0.062	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	13	2.8	3.369	7.9	0.5	4.941	2.223	0.82	1.8	4.15	7.74
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	13	41.	41.846	56.	36.	23.474	4.845	36.8	39.	43.	51.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	13	15.	15.538	19.	13.	4.603	2.145	13.	13.5	17.5	19.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	13	5.	5.692	11.	5.	2.731	1.653	5.	5.	6.	9.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	11 ##	0.05	0.105	0.25	0.05	0.007	0.082	0.05	0.05	0.15	0.25
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	13	14.	13.6	15.8	10.8	2.612	1.616	11.16	11.8	14.9	15.68
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	80.5	1150.	9200.	9.	7507336.545	2739.952	21.3	50.	200.	7550.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	12	1.893	2.149	3.964	0.954	0.704	0.839	1.178	1.699	2.301	3.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			140.806								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**

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Annual Analysis for 1993 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	8	14.3	14.5	24.5	5.3	62.763	7.922	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	8	140.5	171.125	318.	113.	5909.839	76.875	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	9	128.	168.778	311.	99.	6497.694	80.608	99.	106.	253.5	311.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	1.	2.111	6.	1.	2.861	1.691	1.	1.	3.	6.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	12.	13.556	36.	5.	94.278	9.71	5.	6.5	17.5	36.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	8	6.95	6.9	7.5	6.4	0.171	0.414	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	8	6.925	6.743	7.5	6.4	0.2	0.447	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	8	0.119	0.181	0.398	0.032	0.023	0.151	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	7.	6.833	7.2	6.4	0.095	0.308	6.4	6.55	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	7.	6.739	7.2	6.4	0.105	0.324	6.4	6.55	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.1	0.183	0.398	0.063	0.015	0.124	0.063	0.082	0.284	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	10	21.5	23.	35.	16.	28.	5.292	16.3	20.5	25.75	34.3
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	10	122.5	166.9	467.	83.	13622.322	116.715	83.1	88.5	208.75	444.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	10	28.	28.6	38.	19.	45.156	6.72	19.	22.75	34.	37.9
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	10	94.	138.3	430.	63.	12548.678	112.021	63.1	64.75	174.5	407.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	15.5	41.2	148.	1.5	2432.567	49.321	1.5	3.375	72.25	141.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	2.	5.5	18.	1.	33.111	5.754	1.	1.375	9.25	17.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	10	14.	36.	130.	1.5	1878.611	43.343	1.5	2.625	63.	124.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	0.04	0.085	0.25	0.02	0.007	0.086	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	0.01	0.013	0.03	0.	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	1.2	1.134	1.92	0.	0.386	0.622	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	8	0.35	0.463	1.1	0.2	0.108	0.329	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	8 ##	0.05	0.081	0.2	0.05	0.003	0.053	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	10	4.55	4.66	9.	1.4	7.587	2.754	1.4	2.	7.125	8.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	10	38.	39.3	52.	32.	45.789	6.767	32.	33.5	44.25	51.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	13.	23.667	69.	10.	491.	22.159	10.	10.5	36.5	69.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	9	7.	6.667	9.	4.	2.75	1.658	4.	5.5	8.	9.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/04/88-03/03/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7	300.	2078.571	8000.	50.	10718214.286	3273.868	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	7	2.477	2.675	3.903	1.699	0.706	0.84	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			472.783								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	8	0.02	0.026	0.08	0.005	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	8	12.7	14.263	23.2	7.	31.383	5.602	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	8	148.	146.625	162.	132.	106.554	10.322	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	9	135.	142.889	224.	118.	1017.111	31.892	118.	126.5	144.5	224.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	1.	1.044	2.	0.5	0.25	0.5	0.5	0.5	1.3	2.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	9.	8.667	11.	6.	3.	1.732	6.	7.	10.	11.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	8	7.45	7.325	7.8	6.5	0.194	0.44	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	8	7.425	7.102	7.8	6.5	0.25	0.5	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	8	0.038	0.079	0.316	0.016	0.01	0.101	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	6.6	6.7	7.2	6.4	0.088	0.296	6.4	6.5	6.95	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	6.6	6.63	7.2	6.4	0.093	0.305	6.4	6.5	6.95	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.251	0.234	0.398	0.063	0.013	0.112	0.063	0.131	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	9	25.	25.	34.	20.	17.	4.123	20.	22.	26.	34.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	9	95.	101.778	144.	83.	474.194	21.776	83.	84.	121.	144.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	9	25.	25.556	38.	16.	47.028	6.858	16.	20.	30.5	38.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	9	68.	76.222	116.	58.	339.444	18.424	58.	64.	87.	116.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	3.	5.389	20.	1.5	36.924	6.076	1.5	1.5	7.	20.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	1.5	1.556	3.	1.	0.403	0.635	1.	1.	1.75	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	2.	4.333	17.	1.5	26.875	5.184	1.5	1.5	5.5	17.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	9 ##	0.02	0.068	0.29	0.02	0.009	0.094	0.02	0.02	0.1	0.29
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.015	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	9	1.4	1.32	1.79	0.91	0.077	0.278	0.91	1.04	1.48	1.79
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	9	0.3	0.367	0.6	0.2	0.015	0.122	0.2	0.3	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	9	2.1	2.344	3.2	1.5	0.408	0.639	1.5	1.85	3.05	3.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	9	37.	35.444	40.	24.	26.778	5.175	24.	32.5	39.5	40.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	18.	21.556	48.	13.	120.278	10.967	13.	15.	25.	48.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	9	5.	5.333	7.	4.	1.	1.	4.	4.5	6.	7.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	200.	227.778	600.	50.	33819.444	183.901	50.	50.	350.	600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	9	2.301	2.206	2.778	1.699	0.17	0.412	1.699	1.699	2.54	2.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			160.831								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	9 ##	0.005	0.01	0.03	0.005	0.	0.009	0.005	0.005	0.015	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	9	11.1	12.144	23.9	2.	58.788	7.667	2.	4.25	17.95	23.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	9	170.	211.444	484.	134.	11974.528	109.428	134.	154.5	229.5	484.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	9	169.	208.667	458.	132.	10357.5	101.772	132.	151.5	230.5	458.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	9	1.4	1.511	2.5	0.5	0.524	0.724	0.5	0.85	2.15	2.5
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	9	8.	9.389	15.	2.5	15.861	3.983	2.5	7.	13.	15.
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	9	7.7	7.511	8.	6.7	0.209	0.457	6.7	7.1	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	9	7.7	7.283	8.	6.7	0.267	0.517	6.7	7.1	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	9	0.02	0.052	0.2	0.01	0.004	0.062	0.01	0.013	0.079	0.2
00403	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	9	7.	6.989	7.4	6.6	0.079	0.28	6.6	6.75	7.25	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	9	7.	6.913	7.4	6.6	0.085	0.292	6.6	6.75	7.25	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	9	0.1	0.122	0.251	0.04	0.005	0.073	0.04	0.057	0.179	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	9	26.	26.556	35.	20.	29.028	5.388	20.	22.	31.	35.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	9	113.	130.222	243.	82.	2623.194	51.217	82.	95.	156.5	243.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	9	27.	26.722	42.	2.5	146.944	12.122	2.5	19.5	36.5	42.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	9	89.	103.556	209.	62.	2375.528	48.739	62.	66.5	136.	209.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	4.	8.778	24.	1.5	76.132	8.725	1.5	2.25	18.	24.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	9 ##	1.5	2.333	5.	1.5	1.813	1.346	1.5	1.5	3.5	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	9	3.	6.944	20.	1.5	50.09	7.077	1.5	1.5	14.	20.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	0.05	0.049	0.11	0.02	0.001	0.03	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	0.01	0.011	0.02	0.01	0.	0.004	**	**	**	**

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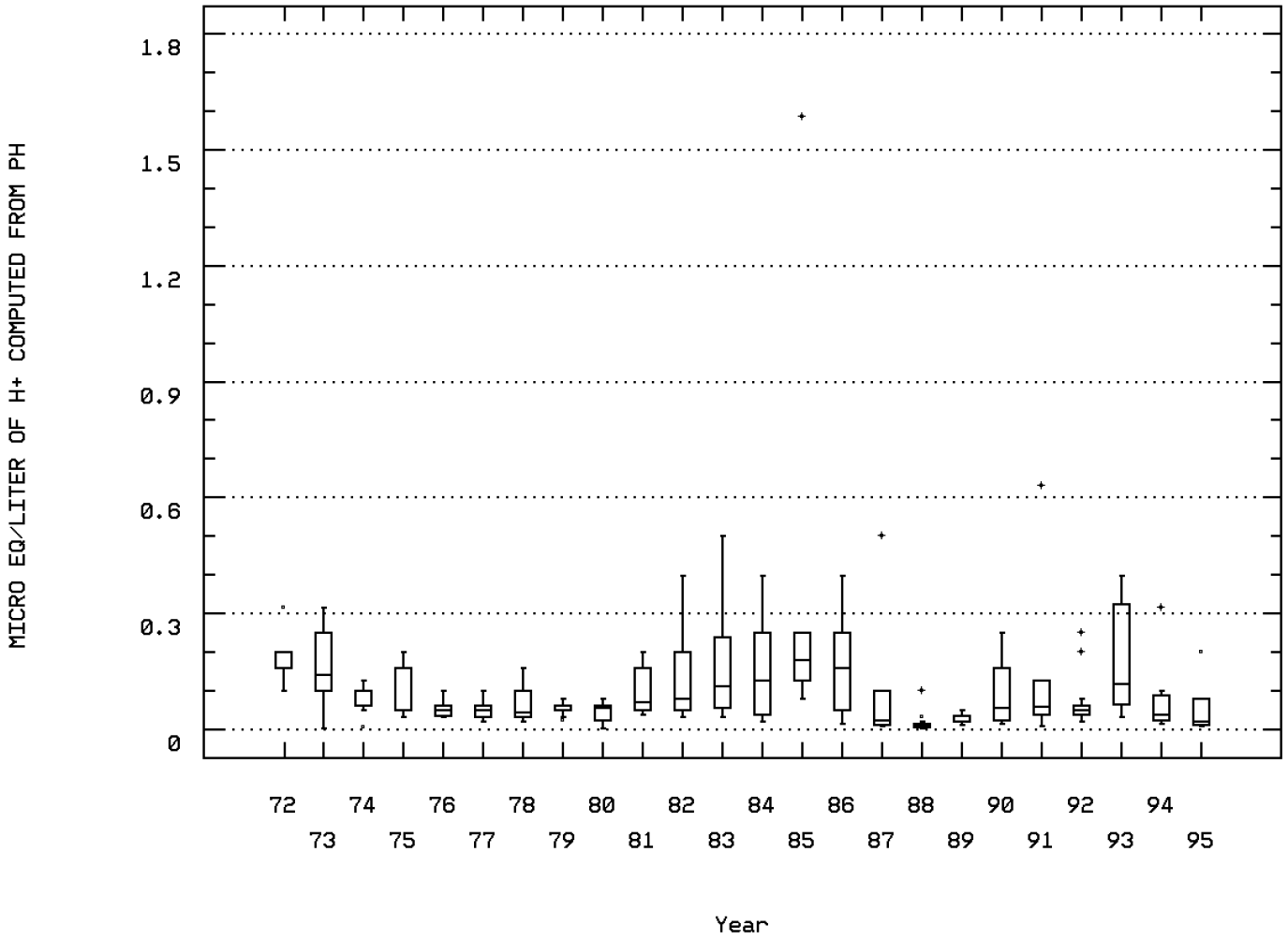
Annual Analysis for 1995 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	8	1.055	1.124	1.55	0.77	0.099	0.314	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	8	0.4	0.363	0.6	0.1	0.026	0.16	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	8 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	9	5.1	4.233	6.2	2.	2.888	1.699	2.	2.4	5.65	6.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	9	42.	44.556	57.	29.	80.528	8.974	29.	38.5	53.	57.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	9	23.	35.444	117.	15.	1086.028	32.955	15.	17.5	43.5	117.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	9	6.	6.778	10.	5.	2.694	1.641	5.	5.5	8.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	8	150.	937.5	4500.	50.	2659107.143	1630.677	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	8	2.151	2.377	3.653	1.699	0.545	0.738	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			238.159								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	8	0.02	0.024	0.04	0.01	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GWMP0467 Parameter Code: 00400

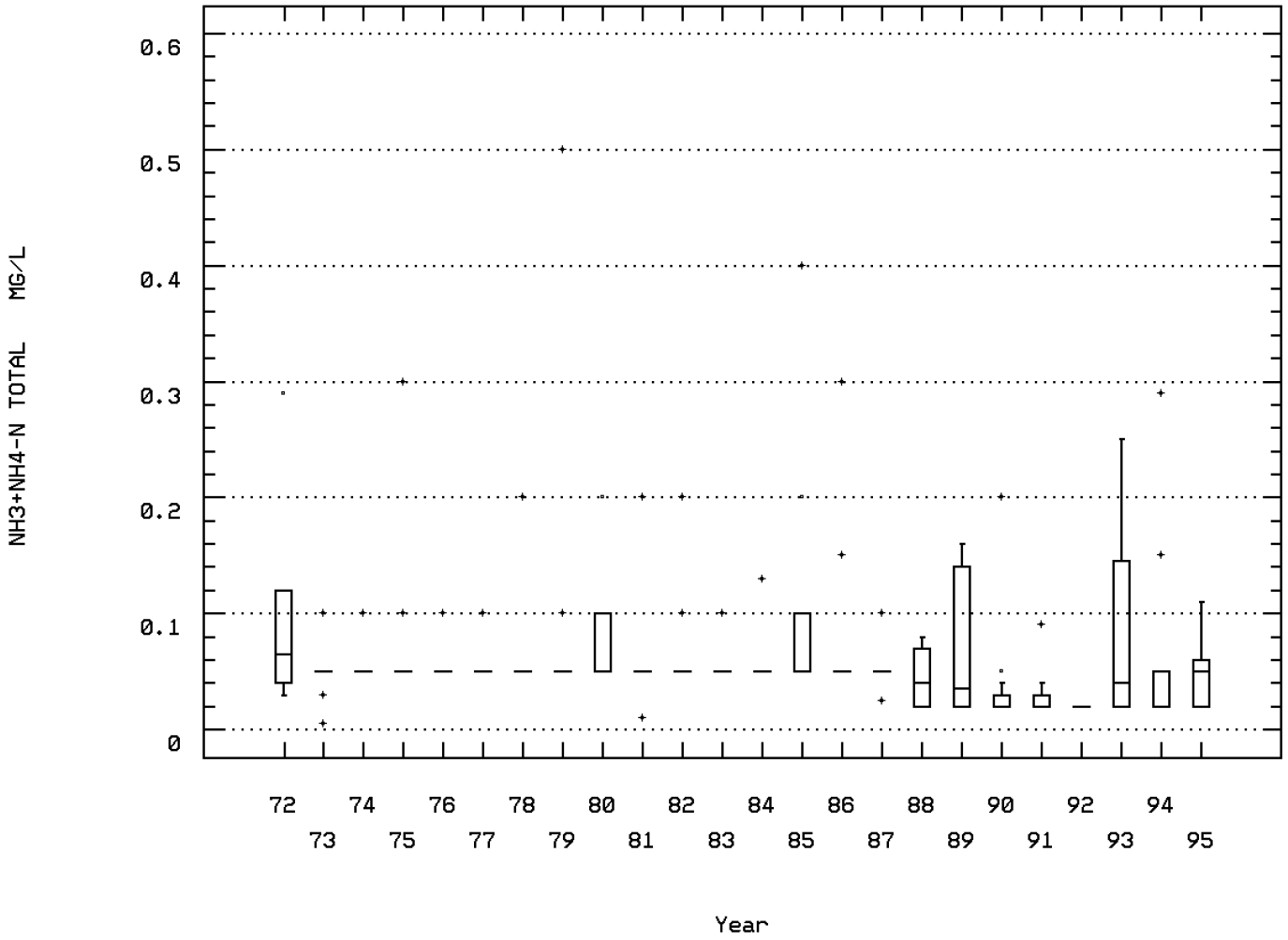
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00610

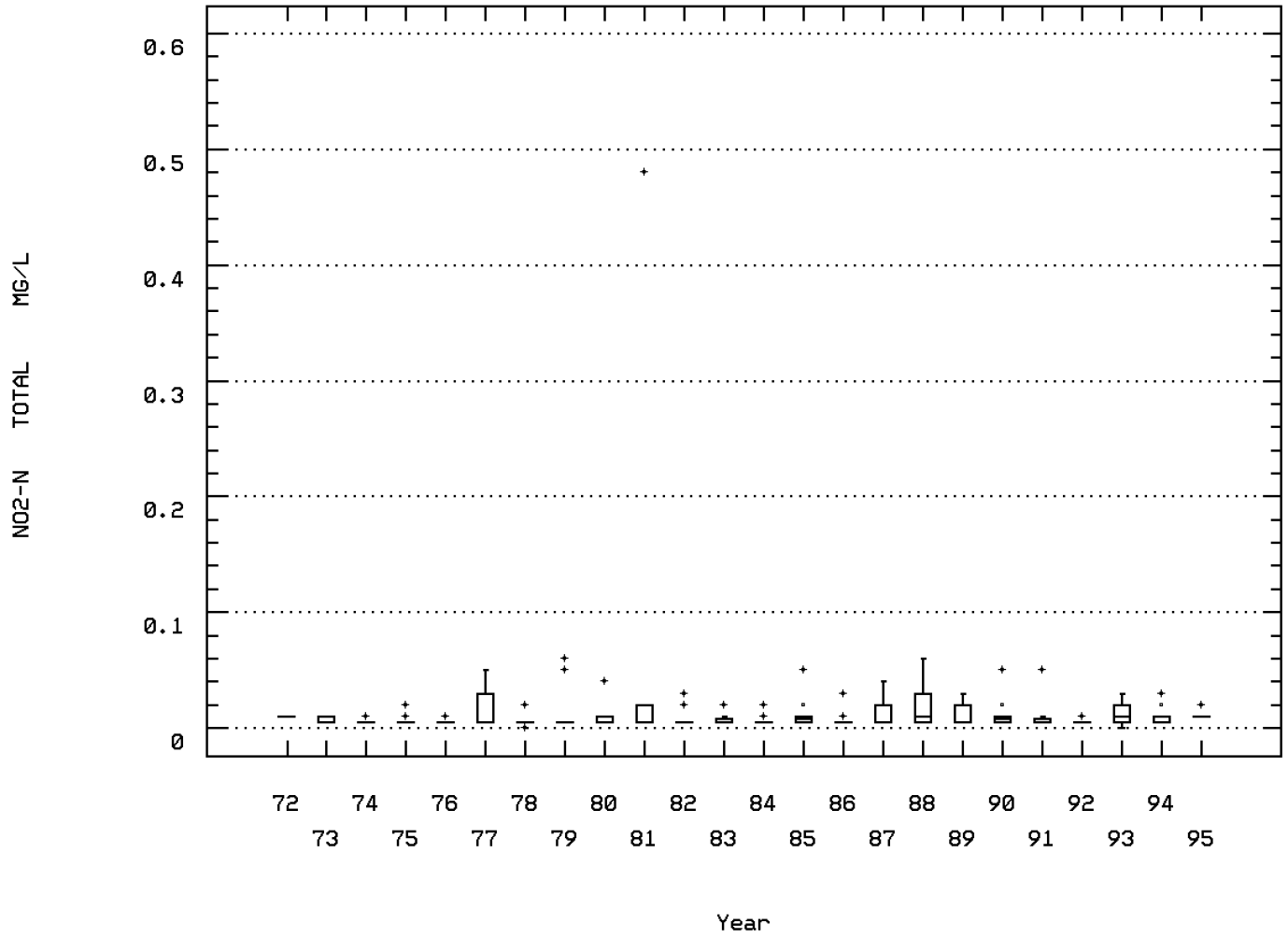
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00615

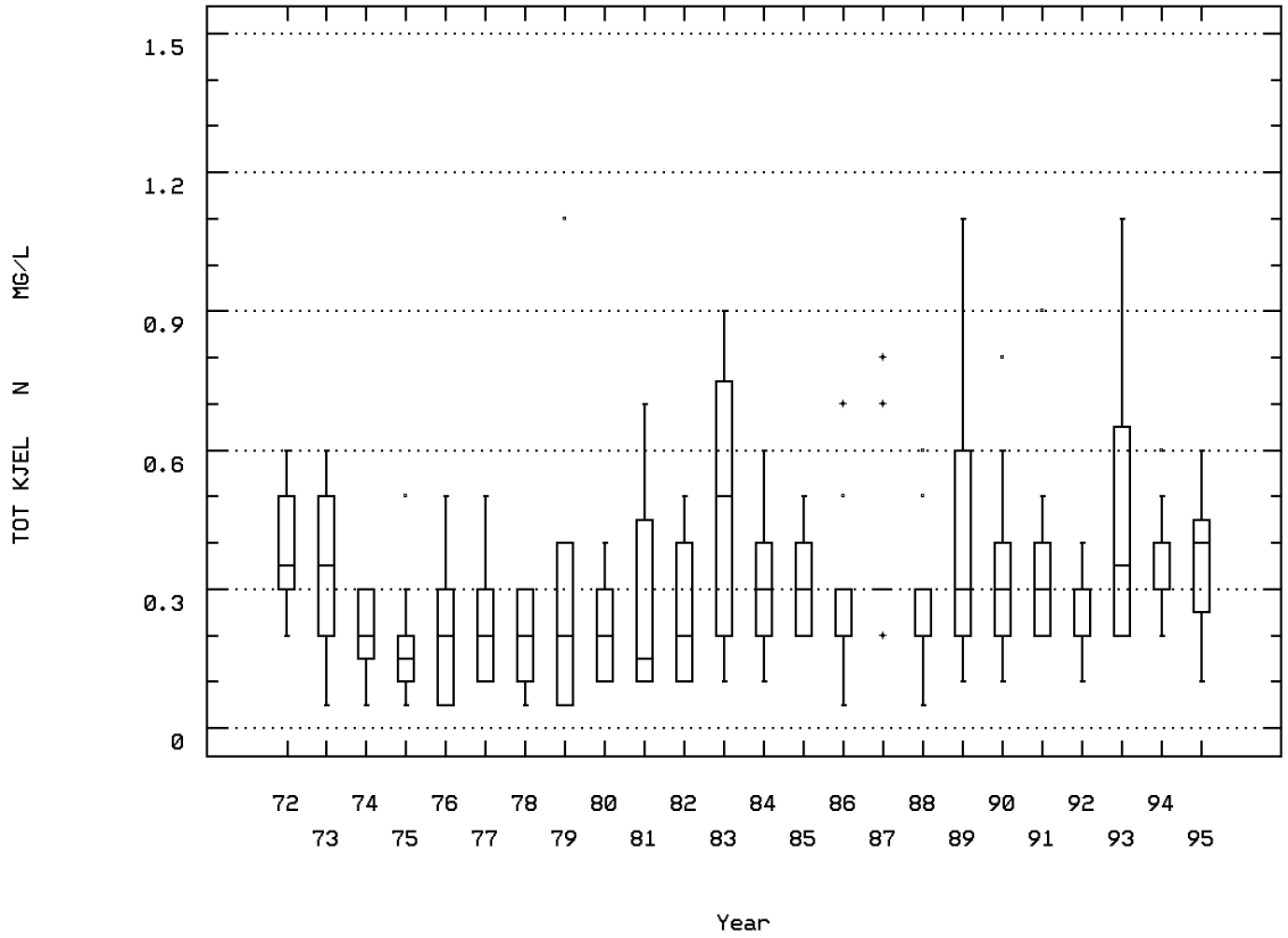
NITRITE NITROGEN, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



ROUTE 193 BRIDGE

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	79	20.	19.246	28.	2.3	25.739	5.073	11.8	17.	23.	24.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	34	5.75	35.368	612.	0.7	11665.289	108.006	1.7	3.675	13.325	82.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	48	123.5	540.5	12310.	54.	4302898.894	2074.343	84.	110.5	140.	170.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	22	129.	135.318	246.	93.	1132.894	33.658	101.1	116.	140.75	183.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	66	8.6	8.559	11.8	5.6	1.056	1.027	7.4	7.875	9.225	9.63
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	58	1.	1.409	6.	0.5	1.195	1.093	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	58	10.	11.526	36.	0.5	52.793	7.266	3.	7.	14.25	22.1
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	80	7.2	7.194	8.5	5.8	0.261	0.511	6.61	6.8	7.5	7.79
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	80	7.2	6.912	8.5	5.8	0.341	0.584	6.61	6.8	7.5	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	80	0.063	0.123	1.585	0.003	0.039	0.199	0.016	0.032	0.158	0.246
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	48	6.8	6.854	7.4	6.2	0.108	0.328	6.39	6.625	7.075	7.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	48	6.8	6.736	7.4	6.2	0.122	0.349	6.39	6.625	7.075	7.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	48	0.158	0.184	0.631	0.04	0.021	0.146	0.04	0.085	0.238	0.408
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	49	29.	27.735	39.	16.	30.657	5.537	19.	24.	31.	35.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	28	98.	118.786	308.	69.	3263.582	57.128	82.5	84.25	121.5	238.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	28	25.	46.857	600.	11.	11831.386	108.772	15.7	18.25	36.5	42.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	28	71.5	92.071	266.	38.	2707.106	52.03	57.3	66.	93.75	198.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	59	6.	31.203	240.	0.5	3340.967	57.801	2.	2.5	19.	125.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	59	2.5	18.585	800.	0.	10754.665	103.705	1.	1.5	6.	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	59	3.	26.458	212.	0.5	2585.778	50.851	1.	2.5	12.	107.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	80 ##	0.05	0.064	0.5	0.02	0.005	0.069	0.02	0.033	0.05	0.118
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	82 ##	0.005	0.01	0.06	0.	0.	0.01	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	75	0.61	0.671	1.4	0.	0.06	0.244	0.4	0.5	0.84	0.958
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	82	0.3	0.335	1.1	0.05	0.045	0.212	0.2	0.2	0.4	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	58 ##	0.05	0.079	0.3	0.02	0.003	0.052	0.05	0.05	0.1	0.155
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	46	0.01	0.028	0.2	0.005	0.002	0.041	0.005	0.01	0.02	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	57	4.	4.567	16.	0.5	7.804	2.794	1.38	2.55	6.	8.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	32	40.	45.25	158.	31.	470.968	21.702	32.	38.	44.75	53.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	48	14.	14.208	23.	7.	16.764	4.094	8.9	11.	16.75	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	24	5.5	5.958	10.	4.	2.216	1.488	4.5	5.	7.	8.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	31	11.8	11.587	15.7	7.	5.118	2.262	7.64	10.	13.2	14.46
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	70	300.	1829.086	24000.	20.	19282974.775	4391.238	50.	100.	972.5	5860.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	70	2.477	2.553	4.38	1.301	0.572	0.756	1.699	2.	2.987	3.767
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			357.631								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	24 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	35	0.02	0.026	0.11	0.005	0.001	0.025	0.005	0.005	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	93	4.6	5.096	12.8	0.	9.586	3.096	1.	2.8	7.35	9.76
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	41	6.5	12.583	61.	0.6	209.476	14.473	2.52	3.45	16.8	35.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	58	135.5	188.81	1226.	70.	26877.981	163.945	106.9	120.	191.75	319.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	25	137.	167.08	458.	115.	6465.66	80.409	117.6	121.5	154.5	287.
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	77	12.8	12.538	14.6	8.4	1.67	1.292	11.08	11.4	13.6	14.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	67	2.	1.963	14.	0.5	3.104	1.762	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	67	7.	9.007	39.	0.5	54.526	7.384	3.	5.	11.	15.4
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	90	7.2	7.227	8.5	6.4	0.221	0.47	6.6	6.9	7.5	7.9
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	90	7.2	7.018	8.5	6.4	0.265	0.515	6.6	6.9	7.5	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	90	0.063	0.096	0.398	0.003	0.009	0.092	0.013	0.032	0.126	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	54	6.8	6.813	8.5	6.1	0.141	0.376	6.4	6.6	7.1	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	54	6.8	6.69	8.5	6.1	0.157	0.396	6.4	6.6	7.1	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	54	0.158	0.204	0.794	0.003	0.024	0.156	0.063	0.079	0.251	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	54	23.5	24.407	55.	14.	36.661	6.055	18.	21.	26.	29.
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	33	95.	130.727	670.	67.	12025.892	109.663	73.4	83.	124.	225.4

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Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	33	28.	27.273	70.	12.	106.142	10.303	16.	20.	32.	37.
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	33	72.	103.455	600.	49.	10211.818	101.054	50.4	62.	92.5	191.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	66	2.75	11.326	71.	0.5	294.519	17.162	1.5	2.5	12.	39.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	66	2.5	3.182	13.	0.5	6.897	2.626	1.	1.5	3.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	66	2.5	9.045	65.	0.	217.744	14.756	1.	2.	8.25	30.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	92 ##	0.05	0.073	0.4	0.005	0.005	0.071	0.02	0.04	0.06	0.188
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	93 ##	0.005	0.014	0.48	0.	0.002	0.049	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	83	1.	1.016	1.92	0.05	0.151	0.389	0.534	0.79	1.28	1.55
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	92	0.2	0.272	1.	0.05	0.033	0.182	0.1	0.113	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	64 ##	0.05	0.063	0.2	0.05	0.001	0.027	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	52	0.01	0.021	0.11	0.005	0.	0.02	0.005	0.005	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	62	3.	3.627	18.	0.5	7.812	2.795	1.3	1.975	4.	6.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	38	38.	41.5	86.	24.	202.257	14.222	32.	34.	41.25	59.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	53	19.	34.151	341.	2.	2481.323	49.813	11.4	14.	33.	65.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	33	6.	6.546	12.	0.005	4.691	2.166	5.	5.	8.	9.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	29	11.6	11.883	15.8	7.4	4.176	2.043	9.8	10.45	13.5	15.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	82	77.	330.293	11000.	43.	1521033.247	1233.302	50.	50.	200.	670.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	82	1.877	2.043	4.041	1.633	0.23	0.48	1.699	1.699	2.301	2.825
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			110.339								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	28 ##	0.05	0.054	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.055
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	40 ##	0.02	0.025	0.08	0.005	0.	0.021	0.005	0.005	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-10/04/95	65	16.1	16.223	28.5	7.1	19.881	4.459	10.28	12.7	19.8	21.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/26/82-04/07/92	26	4.55	23.569	195.	1.4	2503.849	50.038	2.24	3.175	13.75	91.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-10/04/95	41	121.	124.927	184.	91.	654.17	25.577	95.2	101.	141.	164.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/89-10/04/95	18	130.	135.056	190.	115.	311.82	17.658	121.3	125.75	135.5	165.7
00300	OXYGEN, DISSOLVED MG/L	07/06/72-09/25/91	55	9.8	9.642	12.2	7.5	1.275	1.129	8.04	8.9	10.6	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	07/02/79-10/04/95	47	1.	1.73	6.	0.5	1.489	1.22	1.	1.	2.	3.2
00340	COD, .25N K2CR2O7 MG/L	07/02/79-10/04/95	47	7.	9.66	32.	3.	46.969	6.853	3.	5.	12.	18.4
00400p	PH (STANDARD UNITS)	07/06/72-10/04/95	64	7.3	7.197	8.5	6.3	0.207	0.455	6.45	7.	7.4	7.7
00400p	CONVERTED PH (STANDARD UNITS)	07/06/72-10/04/95	64	7.3	6.964	8.5	6.3	0.262	0.512	6.45	7.	7.4	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-10/04/95	64	0.05	0.109	0.501	0.003	0.016	0.128	0.02	0.04	0.1	0.357
00403p	PH, LAB, STANDARD UNITS SU	01/10/73-10/04/95	38	6.8	6.811	7.8	5.9	0.109	0.329	6.4	6.6	7.	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-10/04/95	38	6.8	6.685	7.8	5.9	0.125	0.353	6.4	6.6	7.	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-10/04/95	38	0.158	0.206	1.259	0.016	0.042	0.206	0.063	0.1	0.251	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-10/04/95	38	25.5	26.763	90.	15.	123.753	11.124	19.8	24.	27.	29.1
00500	RESIDUE, TOTAL (MG/L)	07/02/79-10/04/95	20	94.	130.15	467.	81.	8724.555	93.405	82.2	90.	116.75	259.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/02/79-10/04/95	20	25.5	25.675	62.	2.5	161.007	12.689	7.1	18.25	31.75	37.9
00510	RESIDUE, TOTAL FIXED (MG/L)	07/02/79-10/04/95	20	72.5	104.5	430.	58.	7699.737	87.748	62.	64.	89.	207.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/02/79-10/04/95	47	4.	25.362	262.	0.5	3346.779	57.851	1.5	2.5	16.	106.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/02/79-10/04/95	46	2.5	3.913	23.	0.	26.703	5.168	0.85	1.375	3.5	9.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/02/79-10/04/95	47	3.	22.085	239.	0.	2739.058	52.336	1.4	2.5	14.	90.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-10/04/95	66 ##	0.05	0.048	0.2	0.02	0.001	0.027	0.02	0.02	0.05	0.059
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	67 ##	0.005	0.011	0.06	0.005	0.	0.012	0.005	0.005	0.01	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-10/04/95	59	0.87	0.923	1.799	0.08	0.126	0.355	0.57	0.7	1.14	1.45
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-10/04/95	66	0.3	0.327	1.1	0.05	0.055	0.234	0.085	0.2	0.4	0.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-10/04/95	46 ##	0.05	0.078	0.2	0.01	0.003	0.052	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-05/06/92	37	0.01	0.025	0.15	0.005	0.001	0.035	0.005	0.005	0.03	0.092
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/02/79-10/04/95	47	4.	4.279	12.	0.5	6.242	2.498	1.56	2.1	6.6	7.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-10/04/95	24	36.	35.833	42.	28.	11.275	3.358	30.5	34.	38.	41.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-10/04/95	35	15.	16.286	36.	2.	39.151	6.257	10.6	13.	18.	25.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/19/81-10/04/95	19	5.	5.789	9.	4.	1.731	1.316	4.	5.	7.	8.

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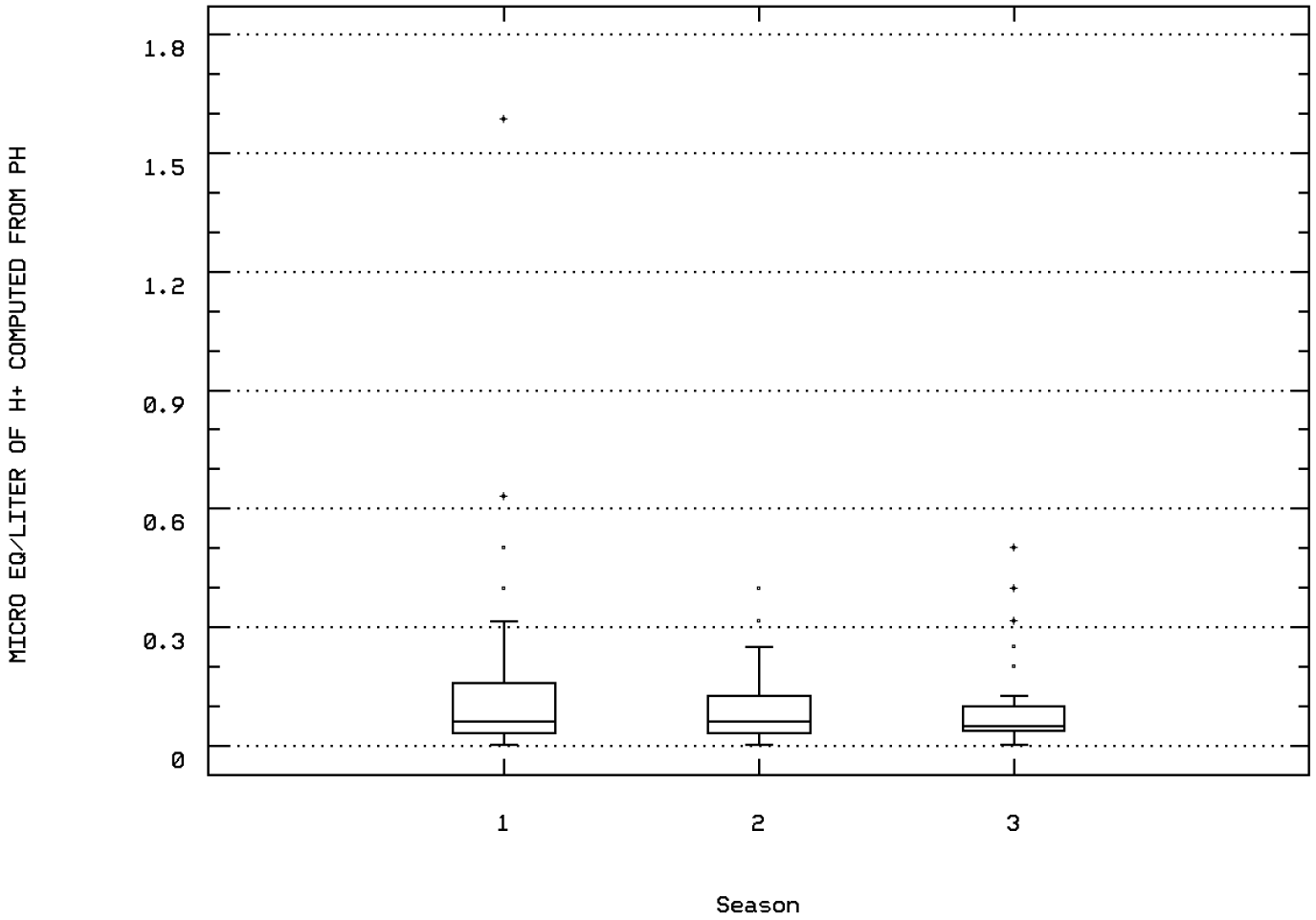
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-12/02/92	24	13.1	12.129	17.5	4.9	9.773	3.126	6.7	10.9	14.	15.65
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	55	200.	1209.964	24000.	9.	13162197.554	3627.974	50.	50.	300.	3180.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-09/13/95	55	2.301	2.333	4.38	0.954	0.49	0.7	1.699	1.699	2.477	3.478
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			215.477								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	20	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-10/04/95	30	## 0.01	0.022	0.05	0.005	0.	0.019	0.005	0.005	0.05	0.05

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Station: GWMP0467 Parameter Code: 00400

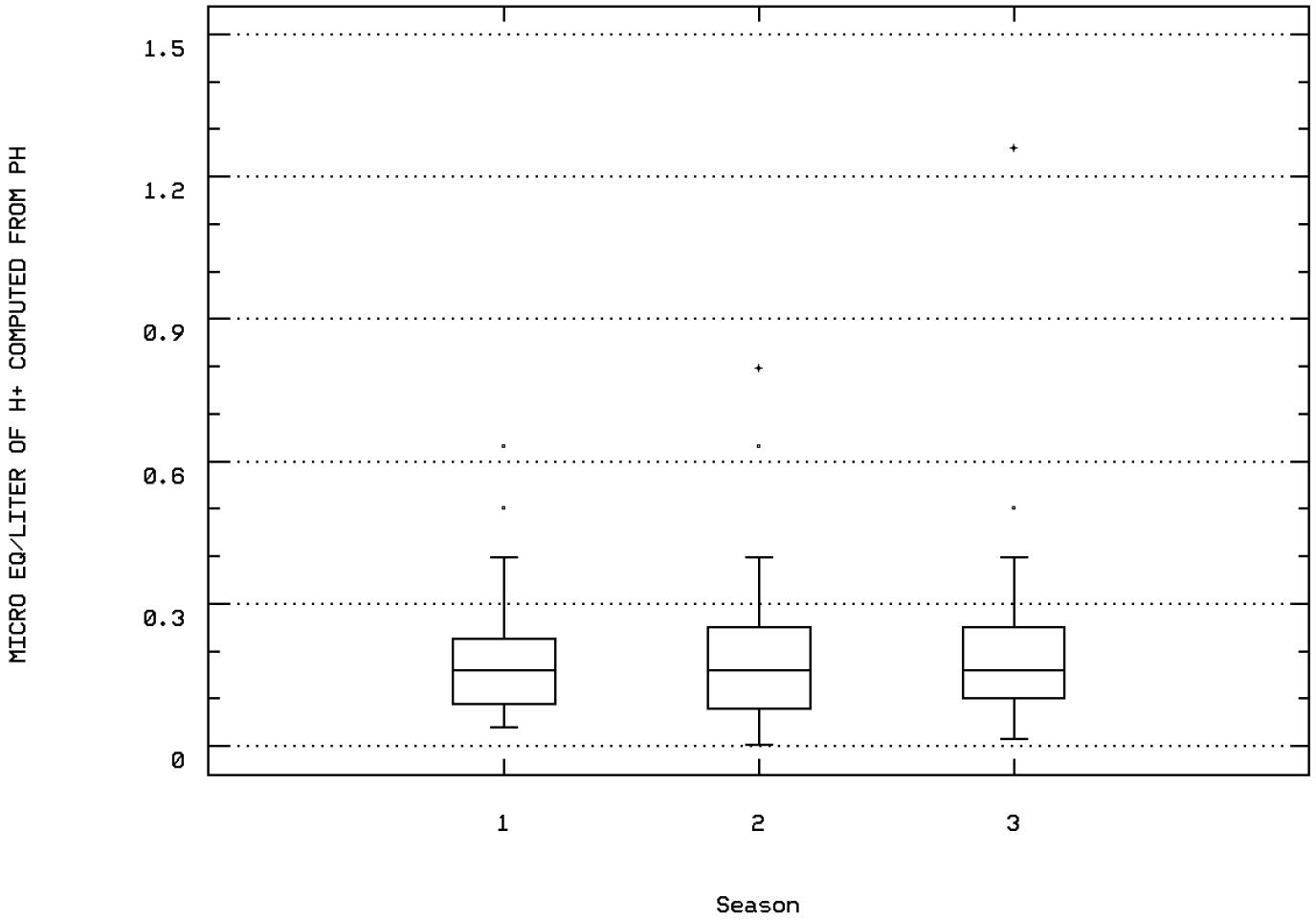
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00403

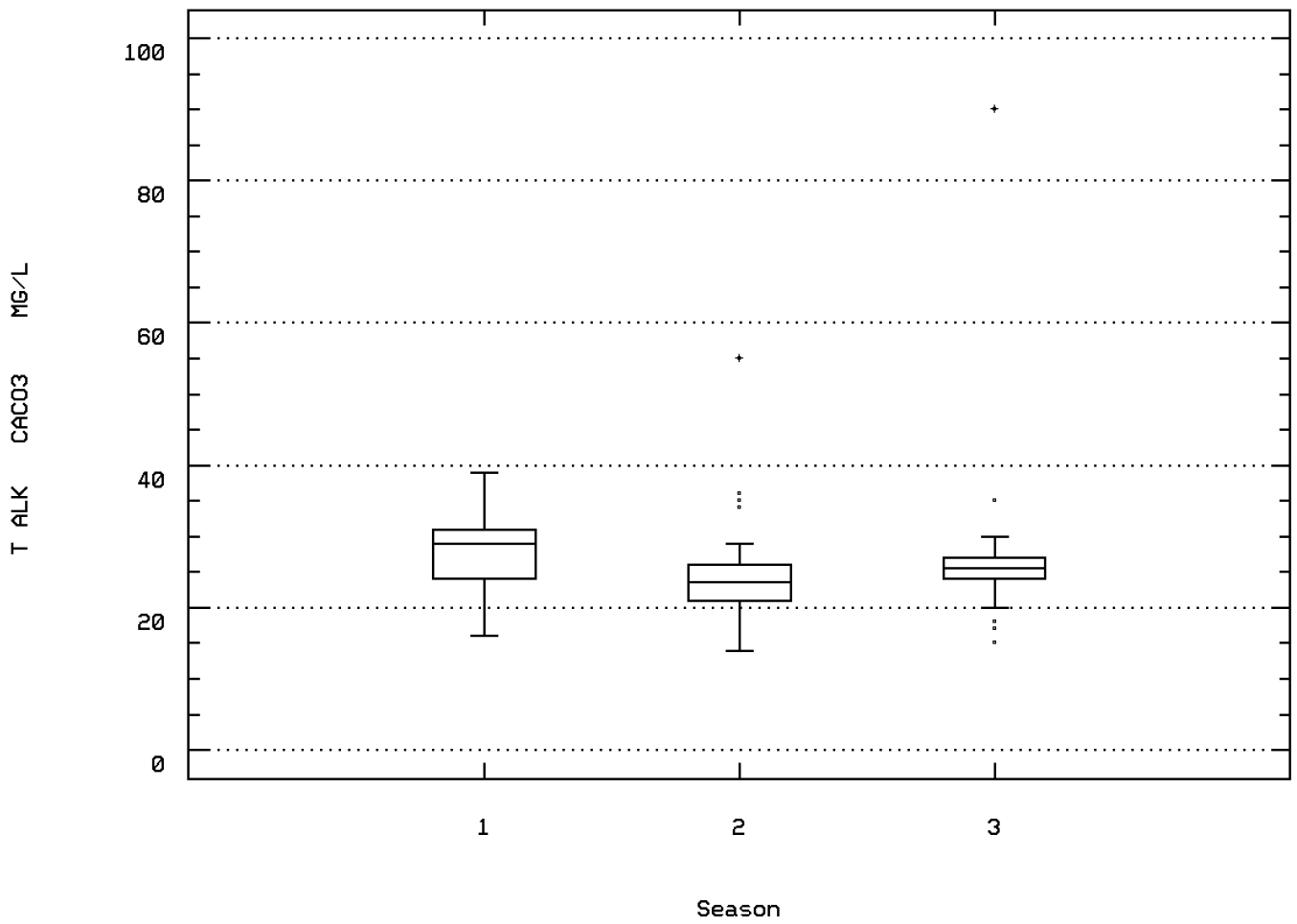
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00410

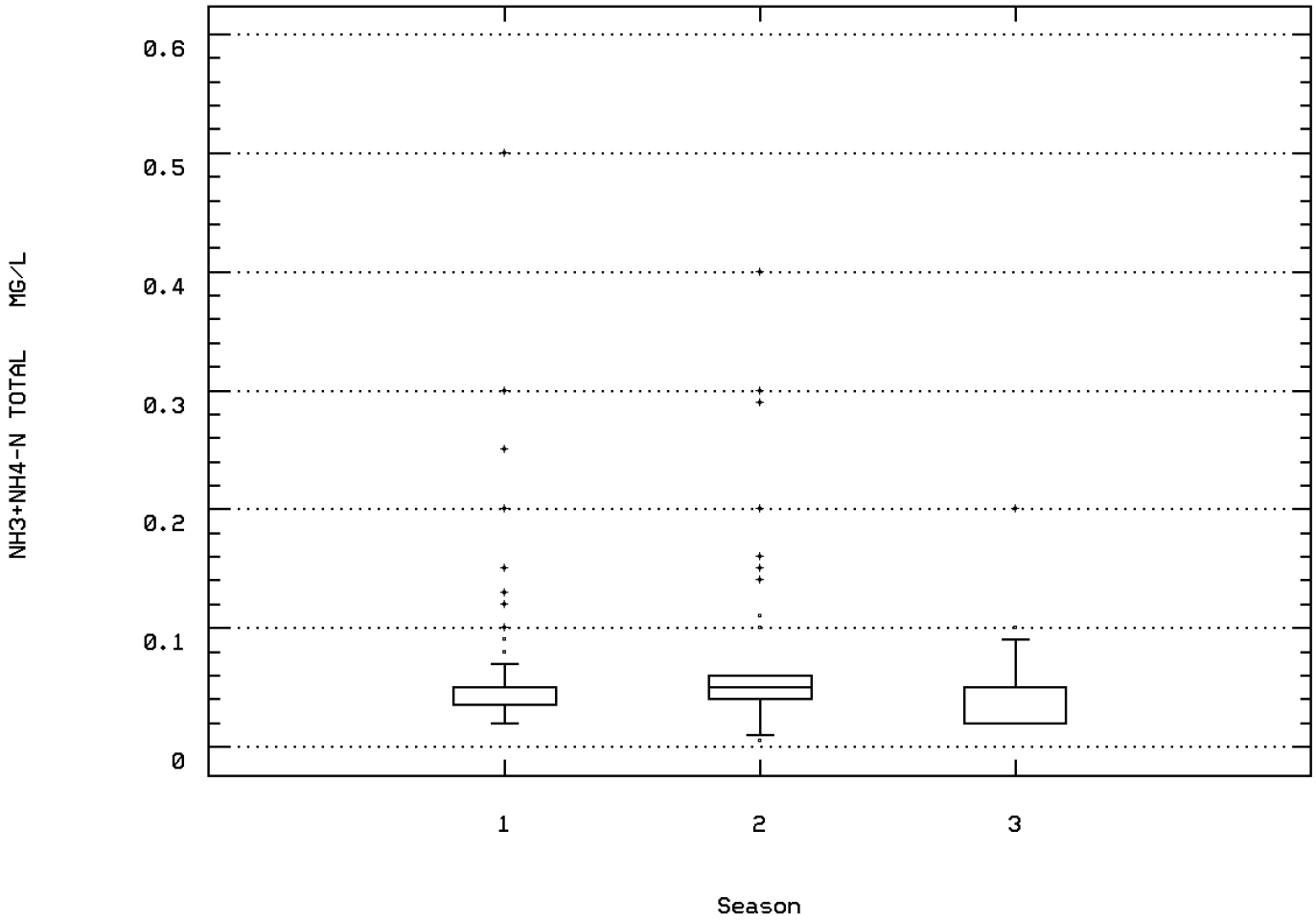
ALKALINITY, TOTAL (MG/L AS CACO3)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00610

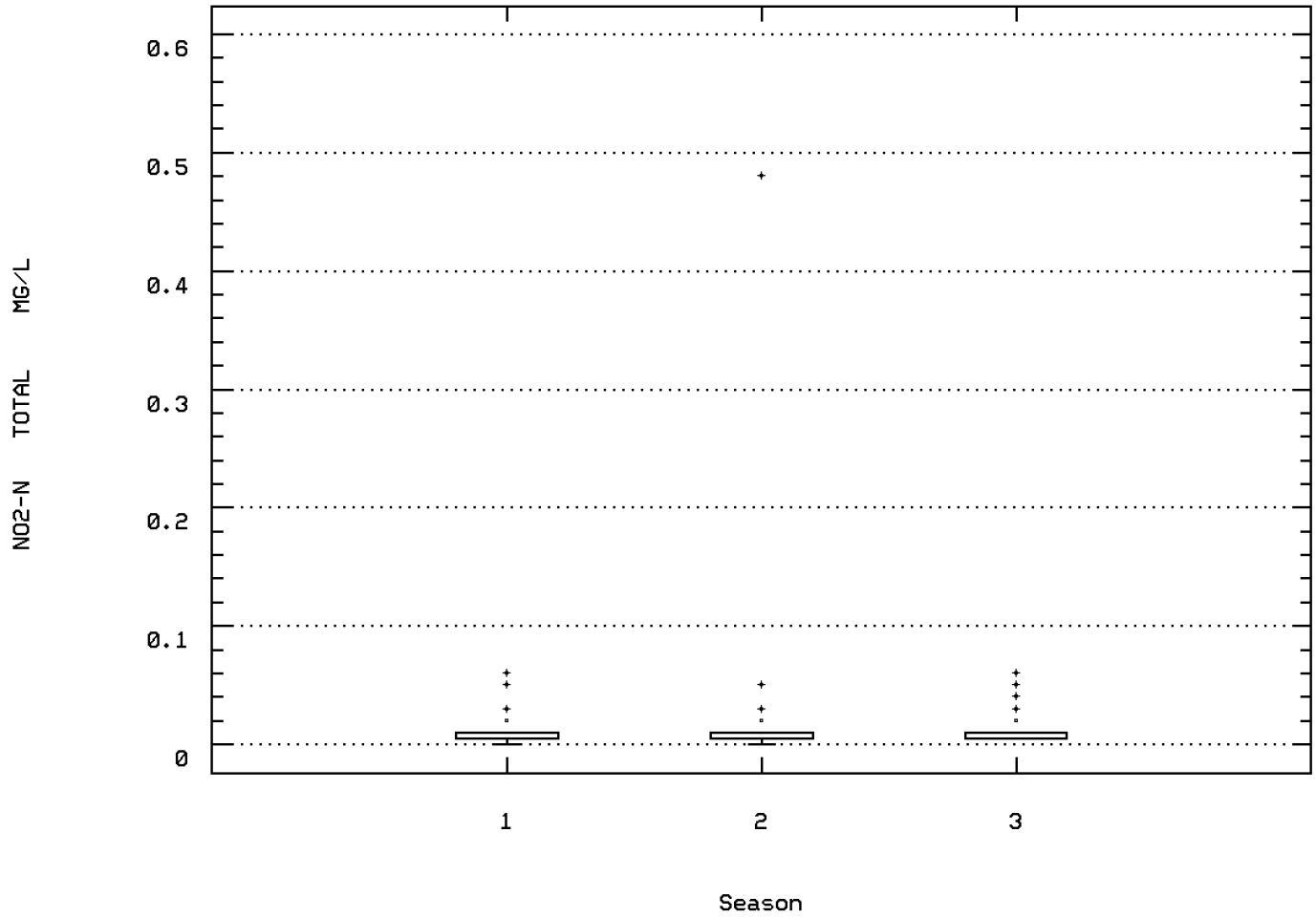
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00615

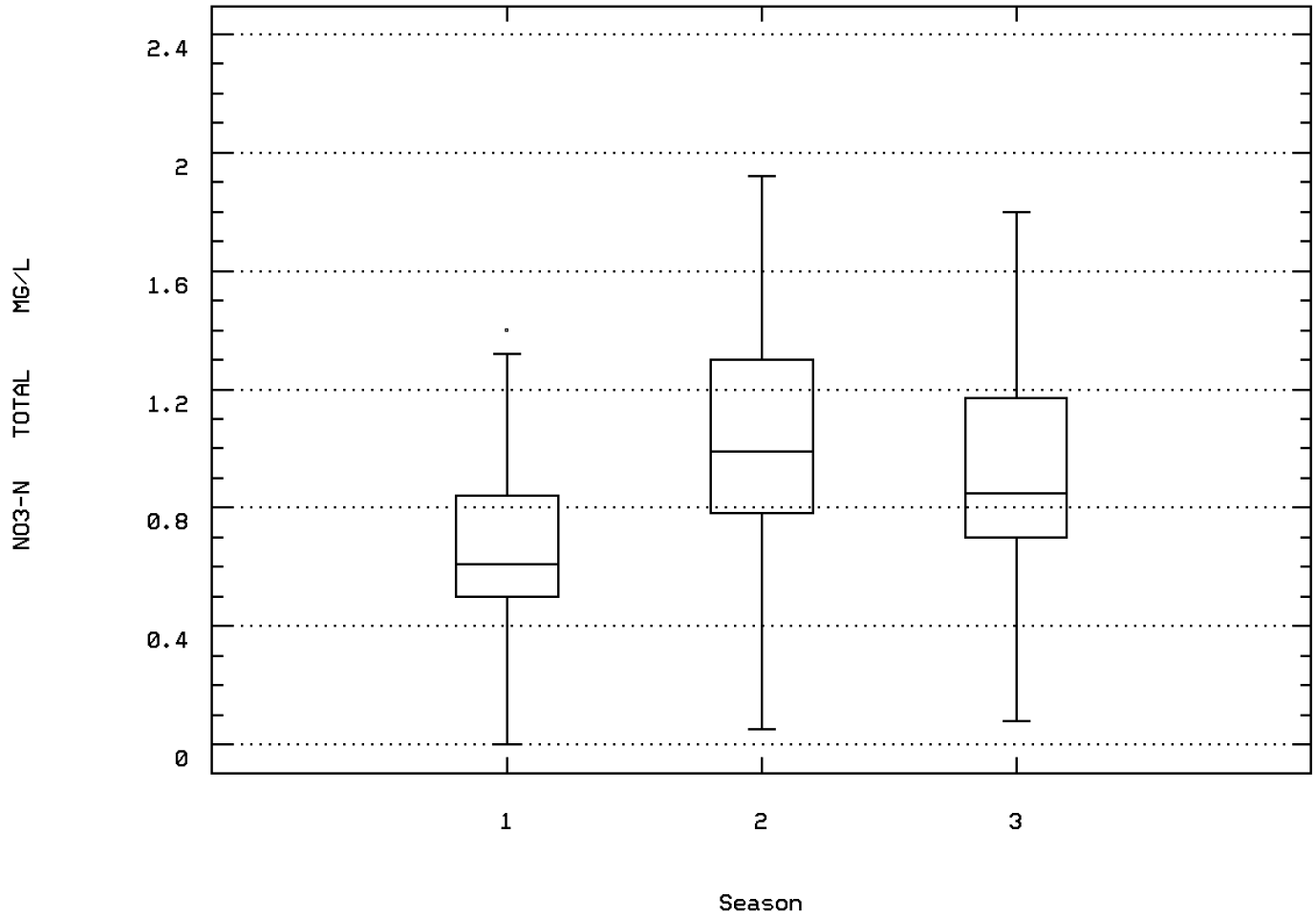
NITRITE NITROGEN, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00620

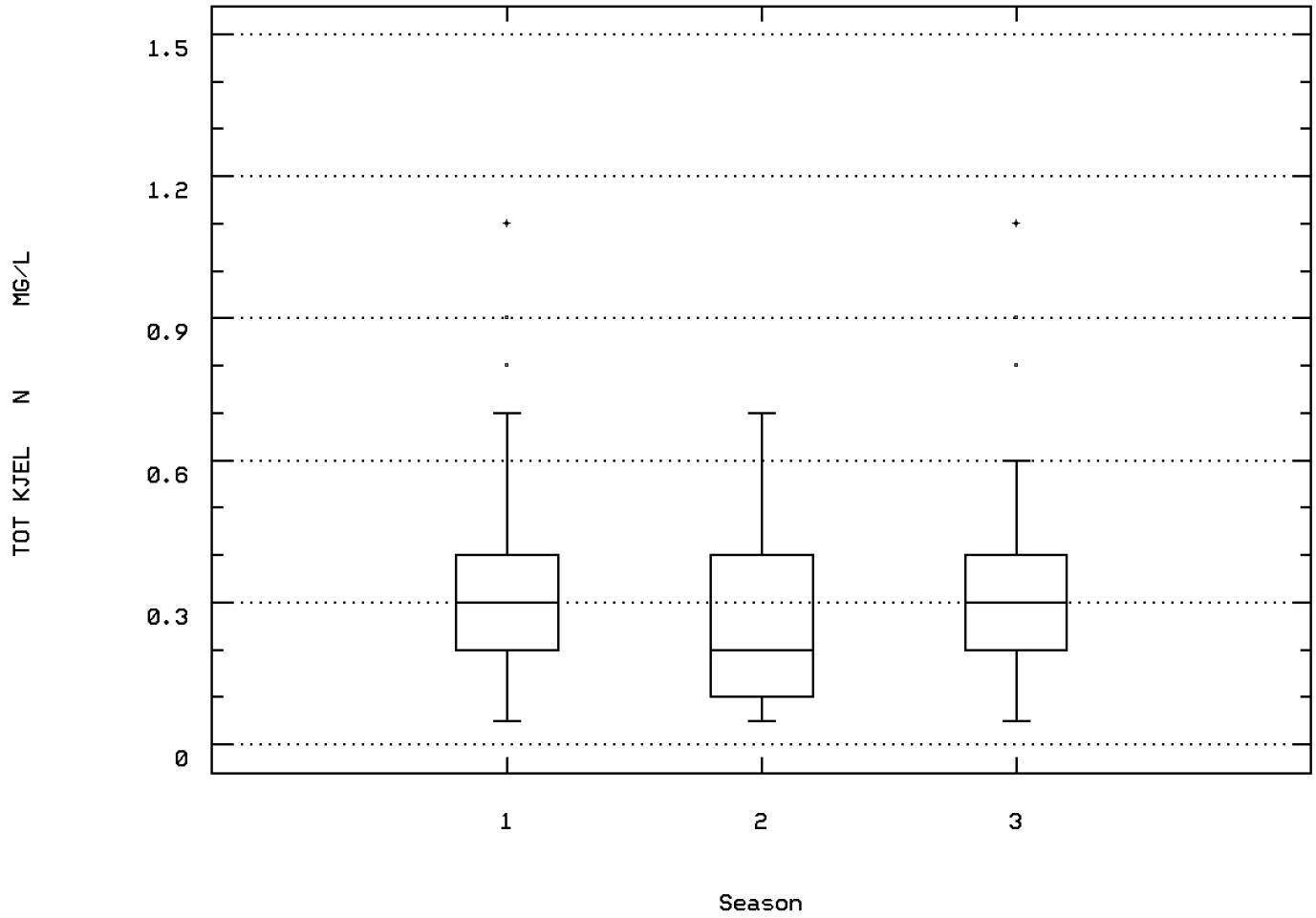
NITRATE NITROGEN, TOTAL (MG/L AS N)



ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 00625

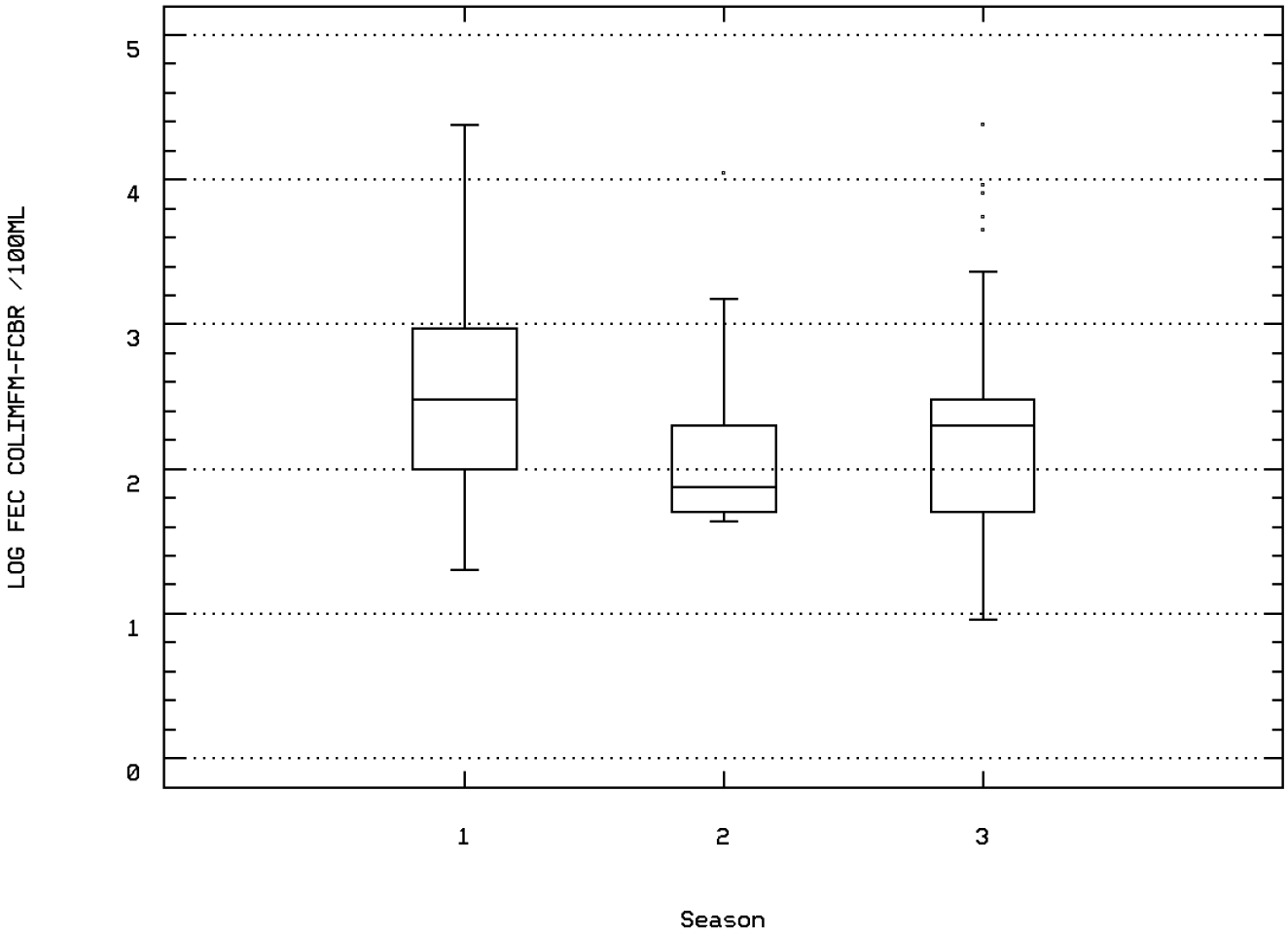
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



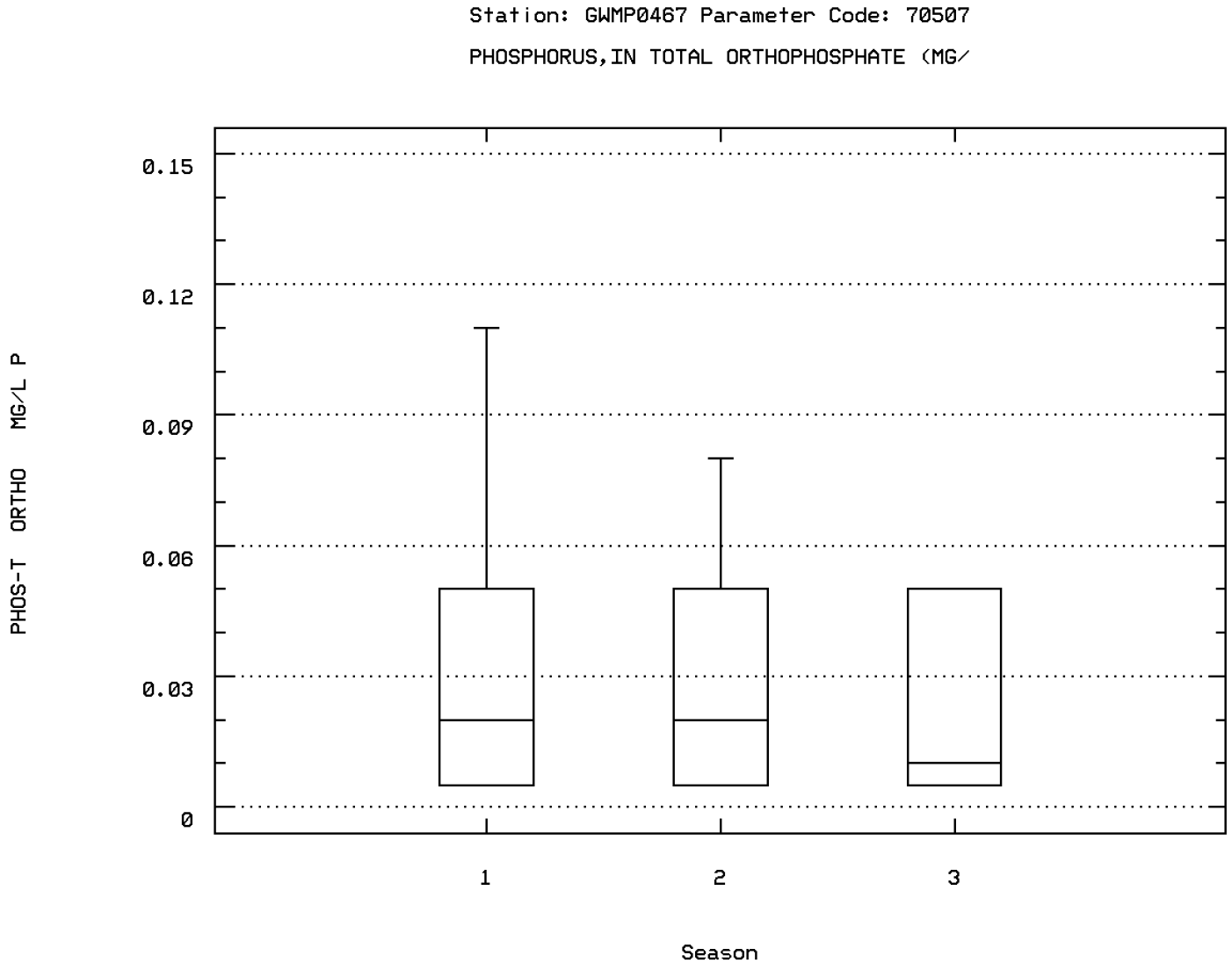
ROUTE 193 BRIDGE

Station: GWMP0467 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ROUTE 193 BRIDGE



ROUTE 193 BRIDGE

Station Inventory for Station: GWMP0468

NPS Station ID: GWMP0468
LAT/LON: 38.976116/ -77.246670
Agency: 1113MCST
Date Created: / /
Location: DIFFICULT RUN VA RT 193 BRIDGE
FIPS State/County: 51000 VIRGINIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVYP126/P26 /026
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070008065400.00
RF3 Mile Point: 0.51
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0468

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	22.25	22.375	23.	22.	0.229	0.479	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.7	7.775	8.3	7.4	0.143	0.377	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	7.7	7.7	14.4	1.	89.78	9.475	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.175	7.163	7.4	6.9	0.076	0.275	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.119	7.1	7.4	6.9	0.081	0.284	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.076	0.079	0.126	0.04	0.002	0.046	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.445	0.451	0.505	0.409	0.002	0.044	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.575	0.583	0.62	0.56	0.001	0.029	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	4.2	4.35	5.3	3.7	0.483	0.695	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	9.15	9.275	10.	8.8	0.262	0.512	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	3550.	3550.	5400.	1700.	6845000.	2616.295	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	3.481	3.481	3.732	3.23	0.126	0.355	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3029.851								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	413.	413.	790.	36.	284258.	533.159	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	2.227	2.227	2.898	1.556	0.9	0.948	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			168.642								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	6.75	6.75	9.	4.5	3.75	1.936	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.09	0.087	0.09	0.08	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0468

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0469

NPS Station ID: GWMP0469
LAT/LON: 38.976116/ -77.246670
Agency: 1113MCST
Date Created: / /
Location: DIFFICULT RUN VA RT 193 BRIDGE
FIPS State/County: 51000 VIRGINIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P26
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 02070010009700.00
RF3 Mile Point: 0.29
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0469

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0470

NPS Station ID: GWMP0470 LAT/LON: 38.977782/ -77.291671 Agency: 21VASWCB Date Created: / /
Location: RT. 7 BRIDGE FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1ADIF004.02 /VA1A08-X0034/VA1A3X0034
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070008030 RF1 Mile Point: 3.090 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070008003000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: DIFFICULT RUN SECTION: 08 TOPO MAP #: 0023 TOPO MAP NAME: VIENNA, VA - MD

Parameter Inventory for Station: GWMP0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-06/11/79	49	13.3	13.616	26.1	0.8	55.664	7.461	2.4	7.25	19.7	23.3
00300	OXYGEN, DISSOLVED MG/L	07/06/72-06/11/79	49	9.6	9.957	13.6	6.8	3.309	1.819	7.6	8.6	11.	13.
00400	PH (STANDARD UNITS)	07/06/72-06/11/79	49	7.	7.106	8.5	6.5	0.118	0.344	6.7	7.	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-06/11/79	49	7.	6.995	8.5	6.5	0.131	0.362	6.7	7.	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-06/11/79	49	0.1	0.101	0.316	0.003	0.006	0.075	0.04	0.05	0.1	0.2
00403	PH, LAB, STANDARD UNITS SU	01/10/73-01/10/73	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/73-01/10/73	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/73-01/10/73	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/73-01/10/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-06/11/79	49 ##	0.05	0.067	0.24	0.005	0.001	0.036	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-06/11/79	49 ##	0.005	0.007	0.03	0.005	0.	0.005	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/72-04/19/78	35	0.63	0.689	1.849	0.195	0.085	0.292	0.432	0.5	0.79	1.055
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-06/11/79	49	0.3	0.265	0.9	0.05	0.038	0.194	0.05	0.1	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	14	0.57	0.577	1.	0.4	0.024	0.155	0.41	0.455	0.625	0.85
01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/73-04/11/79	7 ##	1.	1.357	4.	0.5	1.476	1.215	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/02/72-04/11/79	8 ##	5.	4.438	5.	0.5	2.531	1.591	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/02/72-04/11/79	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/02/72-04/11/79	11 ##	5.	7.727	20.	5.	21.818	4.671	5.	5.	10.	18.
01045	IRON, TOTAL (UG/L AS FE)	04/11/79-04/11/79	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/02/72-04/11/79	11	8.	7.727	10.	5.	5.218	2.284	5.	5.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/11/79-04/11/79	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/10/73-04/11/79	9 ##	50.	45.556	50.	10.	177.778	13.333	10.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	08/02/72-04/11/79	12	10.	13.333	30.	5.	69.697	8.348	5.	5.	20.	27.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	49	200.	577.551	6000.	50.	1203964.711	1097.253	50.	50.	550.	1200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	49	2.301	2.345	3.778	1.699	0.325	0.57	1.699	1.699	2.739	3.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			221.198								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	49 ##	0.05	0.064	0.5	0.05	0.004	0.065	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-06/11/79	49 ##	0.02	0.029	0.1	0.005	0.001	0.023	0.005	0.005	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	08/02/72-10/25/78	11 ##	0.25	0.241	0.25	0.15	0.001	0.03	0.17	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0470

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	49	0	0.00	17	0	0.00	17	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	49	0	0.00	17	0	0.00	17	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	49	3	0.06	17	2	0.12	17	1	0.06	15	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	49	0	0.00	17	0	0.00	16	0	0.00	16	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	35	0	0.00	12	0	0.00	12	0	0.00	11	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	4	0	0.00				3	0	0.00			
		Drinking Water	50.	7	0	0.00	4	0	0.00				3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	12	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	11	1	0.09	4	0	0.00	2	0	0.00	5	1	0.20			
		Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	15.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	12	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5000.	12	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	49	29	0.59	17	11	0.65	17	9	0.53	15	9	0.60			
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	2.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-06/11/79	17	18.9	18.282	26.1	2.4	39.935	6.319	9.84	14.	23.85	25.22
00300	OXYGEN, DISSOLVED MG/L	07/06/72-06/11/79	17	8.8	8.588	10.4	6.8	1.137	1.066	7.12	7.6	9.6	9.76
00400	PH (STANDARD UNITS)	07/06/72-06/11/79	17	7.	7.035	7.5	6.5	0.096	0.31	6.5	6.9	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-06/11/79	17	7.	6.928	7.5	6.5	0.108	0.329	6.5	6.9	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-06/11/79	17	0.1	0.118	0.316	0.032	0.008	0.091	0.032	0.05	0.129	0.316
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-06/11/79	17	0.05	0.07	0.1	0.005	0.001	0.031	0.033	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-06/11/79	17 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-06/11/79	17	0.3	0.359	0.9	0.1	0.045	0.212	0.1	0.2	0.45	0.74
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	17	500.	1191.176	6000.	50.	2893511.029	1701.032	50.	100.	1800.	4080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	17	2.699	2.607	3.778	1.699	0.497	0.705	1.699	2.	3.23	3.601
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			404.641								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	17 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-06/11/79	17 ##	0.01	0.022	0.05	0.005	0.	0.02	0.005	0.005	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-06/11/79	17	5.6	5.982	13.3	0.8	15.634	3.954	1.04	2.75	9.75	11.54
00300	OXYGEN, DISSOLVED MG/L	07/06/72-06/11/79	17	11.8	11.806	13.6	8.8	1.801	1.342	10.08	10.7	13.05	13.44
00400	PH (STANDARD UNITS)	07/06/72-06/11/79	17	7.	7.082	8.5	6.5	0.224	0.473	6.66	6.75	7.25	7.94
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-06/11/79	17	7.	6.932	8.5	6.5	0.248	0.498	6.66	6.75	7.25	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-06/11/79	17	0.1	0.117	0.316	0.003	0.006	0.079	0.013	0.057	0.179	0.223
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-06/11/79	16 ##	0.05	0.071	0.24	0.03	0.003	0.052	0.044	0.05	0.073	0.17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-06/11/79	16 ##	0.005	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-06/11/79	16	0.15	0.222	0.5	0.05	0.027	0.163	0.05	0.1	0.375	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	17	200.	235.294	900.	50.	63676.471	252.342	50.	50.	300.	740.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	17	2.301	2.143	2.954	1.699	0.215	0.464	1.699	1.699	2.477	2.867
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			138.873								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	16 ##	0.05	0.087	0.5	0.05	0.013	0.112	0.05	0.05	0.088	0.22
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-06/11/79	16 ##	0.045	0.036	0.1	0.005	0.001	0.026	0.005	0.006	0.05	0.065

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/72-06/11/79	15	17.8	16.98	23.3	8.9	18.015	4.244	9.86	13.3	20.	22.64
00300	OXYGEN, DISSOLVED MG/L	07/06/72-06/11/79	15	9.2	9.413	11.	7.6	1.246	1.116	7.84	8.4	10.5	10.88
00400	PH (STANDARD UNITS)	07/06/72-06/11/79	15	7.3	7.213	7.4	7.	0.02	0.141	7.	7.	7.3	7.34
00400	CONVERTED PH (STANDARD UNITS)	07/06/72-06/11/79	15	7.3	7.191	7.4	7.	0.02	0.143	7.	7.	7.3	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/72-06/11/79	15	0.05	0.064	0.1	0.04	0.001	0.023	0.046	0.05	0.1	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/72-06/11/79	16 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/06/72-06/11/79	16 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.023
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/72-06/11/79	16	0.1	0.209	0.5	0.05	0.031	0.175	0.05	0.05	0.4	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	15	200.	270.	700.	50.	47428.571	217.781	50.	100.	400.	700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/72-06/11/79	15	2.301	2.277	2.845	1.699	0.163	0.403	1.699	2.	2.602	2.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			189.077								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/06/72-06/11/79	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/72-06/11/79	16 ##	0.035	0.03	0.05	0.005	0.	0.021	0.005	0.01	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0471

NPS Station ID: GWMP0471
LAT/LON: 38.980281/ -77.319171
Agency: 112WRD
Date Created: 03/11/78
Location: PINEY RUN AT RESTON, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01645950
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 02070010004401.32
RF3 Mile Point: 5.61
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0471

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/77-08/29/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/77-08/29/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/29/77-08/29/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/77-08/29/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/77-08/29/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/29/77-08/29/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/29/77-08/29/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/29/77-08/29/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/77-08/29/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/77-08/29/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/77-08/29/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/77-08/29/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/29/77-08/29/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/77-08/29/77	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/77-08/29/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/77-08/29/77	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/29/77-08/29/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/29/77-08/29/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/77-08/29/77	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/77-08/29/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/77-08/29/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/29/77-08/29/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/77-08/29/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/29/77-08/29/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/77-08/29/77	1	66.	66.	66.	66.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/77-08/29/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/77-08/29/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/29/77-08/29/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/29/77-08/29/77	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/29/77-08/29/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0471

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0472

NPS Station ID: GWMP0472
LAT/LON: 38.981392/ -77.160837
Agency: 21MDMONT
Date Created: / /
Location: CABIN JOHN CR ABOVE BOOZE CR
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30120 /CJC-001.51
RMI-Indexes: 0214001 002880
Within Park Boundary: No
RMI-Miles: 0119.80 0001.51
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070008003400.00
RF3 Mile Point: 0.09
Distance from RF3: 0.12
On/Off RF3:
Description:
STATION ESTABLISHED ON CABIN JOHN CREEK 50 FEET UPSTREAM FROM CONFLUENCE WITH BOOZE CREEK. STATION ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	146	13.	12.952	25.	-1.	50.074	7.076	3.	7.	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	145	14.	14.007	32.	-10.	78.743	8.874	3.	8.	22.	26.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	149	50.	48.154	100.	0.	1850.456	43.017	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	73	38.	34.466	145.	0.	930.509	30.504	2.2	5.5	54.	68.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	3.6	18.631	380.	0.6	3995.096	63.207	1.34	2.05	10.625	23.5
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	144	10.	9.367	14.1	2.	9.474	3.078	4.3	7.85	11.8	12.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	80	94.1	94.88	127.7	68.8	155.792	12.482	80.06	84.85	104.	110.63
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	107	2.	30.33	284.	0.	2762.35	52.558	0.5	1.1	62.1	108.82
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	129	7.4	7.413	8.8	6.3	0.27	0.52	6.8	7.	7.7	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	129	7.4	7.159	8.8	6.3	0.335	0.579	6.8	7.	7.7	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	129	0.04	0.069	0.501	0.002	0.007	0.081	0.008	0.02	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	109	7.3	7.319	9.5	6.2	0.132	0.363	6.9	7.1	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	109	7.3	7.184	9.5	6.2	0.151	0.388	6.9	7.1	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	109	0.05	0.066	0.631	0.	0.005	0.072	0.02	0.032	0.079	0.126
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	146.	177.732	982.	85.	18866.527	137.355	113.5	126.	173.	236.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	109	1.2	1.356	4.15	0.1	0.609	0.78	0.5	0.82	1.68	2.31
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	101	0.16	2.827	17.5	0.	22.254	4.717	0.006	0.06	4.175	12.43
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	2350.	24965.	240000.	230.	4634340009.091	68075.987	278.	555.	11000.	175200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.371	3.514	5.38	2.362	0.739	0.86	2.431	2.717	4.041	5.08
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3263.608								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	96	24000.	5724941.26	99000000.	30.	**********	13736445.031	430.	1650.	2400000.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	96	4.38	4.756	7.996	1.477	3.309	1.819	2.633	3.213	6.38	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			57038.128								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	96	1215.	2853228.063	46000000.	15.	**********	6942090.65	36.	150.	2400000.	9300000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	96	3.072	4.013	7.663	1.176	4.468	2.114	1.556	2.176	6.38	6.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			10302.752								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	255.	1712.583	15000.	91.	17917252.811	4232.878	108.7	170.	805.	11220.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.404	2.636	4.176	1.959	0.38	0.616	2.024	2.223	2.885	3.937
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			432.787								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.3	0.314	0.4	0.18	0.006	0.077	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0472

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	1	0.07	13	0	0.00	9	1	0.11			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	144	13	0.09	50	8	0.16	57	0	0.00	37	5	0.14			
00400	PH	Other-Hi Lim.	9.	129	0	0.00	40	0	0.00	55	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	129	3	0.02	40	1	0.03	55	1	0.02	34	1	0.03			
00403	PH, LAB	Other-Hi Lim.	9.	109	1	0.01	37	0	0.00	45	0	0.00	27	1	0.04			
		Other-Lo Lim.	6.5	109	2	0.02	37	1	0.03	45	1	0.02	27	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	109	0	0.00	37	0	0.00	45	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	8	0.67	5	5	1.00	4	2	0.50	3	1	0.33			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	96	76	0.79	32	28	0.88	40	28	0.70	24	20	0.83			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	96	71	0.74	32	28	0.88	40	25	0.63	24	18	0.75			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	9	0.75	5	5	1.00	4	2	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	42	13.	12.476	25.	0.	64.012	8.001	1.3	6.	21.	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	42	14.5	14.19	28.	-4.	79.329	8.907	4.	8.75	23.	26.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	42	25.	44.643	100.	0.	2059.016	45.376	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	41	10.8	10.817	13.8	8.1	2.136	1.462	8.62	9.65	11.9	12.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	28	95.45	97.236	127.7	78.6	209.055	14.459	80.54	83.65	108.075	121.01
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	37	7.9	7.924	8.8	7.1	0.212	0.46	7.28	7.6	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	37	7.9	7.714	8.8	7.1	0.257	0.507	7.28	7.6	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	37	0.013	0.019	0.079	0.002	0.	0.019	0.003	0.005	0.025	0.053
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	460000.	460000.	460000.	460000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	5.663	5.663	5.663	5.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			460000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	240000.	240000.	240000.	240000.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			240000.								

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Annual Analysis for 1972 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	23	13.	13.478	22.	2.	36.443	6.037	3.4	8.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	23	14.	12.565	28.	0.	70.621	8.404	0.	5.	20.	23.2
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	24	50.	51.042	100.	0.	2036.911	45.132	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	23	6.8	7.209	13.8	2.	16.76	4.094	2.38	3.	11.4	13.32
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	24	70.45	67.996	284.	0.5	3940.799	62.776	1.25	5.275	89.125	131.5
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.5	7.475	8.	6.8	0.102	0.319	6.87	7.3	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.5	7.351	8.	6.8	0.118	0.344	6.87	7.3	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	16	0.032	0.045	0.158	0.01	0.002	0.041	0.014	0.02	0.05	0.136
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	24	7.4	7.375	7.8	7.1	0.025	0.159	7.15	7.3	7.4	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	24	7.4	7.349	7.8	7.1	0.026	0.162	7.15	7.3	7.4	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	24	0.04	0.045	0.079	0.016	0.	0.015	0.023	0.04	0.05	0.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	24	1.6	1.563	2.56	0.5	0.245	0.495	0.86	1.243	1.878	2.355
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	24	9.075	8.339	16.06	0.1	34.573	5.88	0.175	0.685	12.97	15.37
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	2400000.	11214255.417	99000000.	930.	**********	21879195.599	24050.	620025.	13575000.	35000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	6.38	6.209	7.996	2.968	1.528	1.236	3.992	5.757	7.124	7.521
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1616422.122								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	2400000.	5282591.792	46000000.	43.	**********	10041716.234	930.	129750.	4300000.	16650000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	6.38	5.784	7.663	1.633	2.373	1.541	2.968	5.071	6.633	7.174
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			607916.027								

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Annual Analysis for 1973 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	20	16.	16.	23.	3.	25.263	5.026	10.2	13.	20.75	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	20	13.	13.95	26.	0.	57.418	7.577	2.4	8.25	19.5	25.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	20	62.5	55.	100.	0.	2078.947	45.595	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	20	4.9	5.945	13.	2.8	9.265	3.044	3.03	3.875	7.025	12.3

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Annual Analysis for 1973 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	20	73.15	64.905	156.4	0.7	3089.702	55.585	1.31	3.45	109.425	144.66
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.1	7.088	7.5	6.5	0.093	0.305	6.57	6.925	7.375	7.43
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.1	6.976	7.5	6.5	0.106	0.326	6.57	6.925	7.375	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	16	0.079	0.106	0.316	0.032	0.008	0.088	0.037	0.042	0.119	0.271
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	20	7.4	7.455	7.9	7.3	0.023	0.15	7.3	7.4	7.5	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	20	7.4	7.435	7.9	7.3	0.023	0.152	7.3	7.4	7.5	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	20	0.04	0.037	0.05	0.013	0.	0.01	0.017	0.032	0.04	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	20	1.7	1.871	4.15	0.1	1.02	1.01	0.936	1.188	2.393	3.779
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	20	3.805	3.09	6.21	0.05	3.674	1.917	0.124	0.64	4.415	4.748
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	19	9300000.	13418694.737	46000000.	2300.**********	**********	13008761.279	4300.	240000.	24000000.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	19	6.968	6.303	7.663	3.362	2.361	1.537	3.633	5.38	7.38	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2007857.105								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	19	4300000.	7485569.526	24000000.	91.**********	**********	8449191.868	930.	21000.	11000000.	24000000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	19	6.633	5.885	7.38	1.959	3.071	1.753	2.968	4.322	7.041	7.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			767556.53								

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Annual Analysis for 1974 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	10.5	10.5	20.	5.	28.286	5.318	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	7	10.	11.286	24.	3.	59.905	7.74	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	8	62.5	56.25	100.	0.	1919.643	43.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	8	12.05	11.038	14.1	4.2	9.871	3.142	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	2.	28.538	215.4	0.5	5701.206	75.506	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	8	6.95	6.963	7.2	6.7	0.031	0.177	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	8	6.947	6.932	7.2	6.7	0.032	0.18	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	8	0.113	0.117	0.2	0.063	0.002	0.046	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.5	7.75	9.5	7.2	0.566	0.752	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.5	7.493	9.5	7.2	0.641	0.801	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.032	0.032	0.063	0.	0.	0.022	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	2.245	2.393	3.89	0.75	1.162	1.078	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.14	2.344	17.5	0.	37.533	6.126	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	4300.	3010507.5	24000000.	230.**********	**********	8481050.349	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.633	4.082	7.38	2.362	2.301	1.517	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			12070.48								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	290.	575339.625	4600000.	36.**********	**********	1626208.408	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.405	2.888	6.663	1.556	2.568	1.603	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			771.951								

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Annual Analysis for 1976 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	10	10.5	12.	22.	3.	60.889	7.803	3.1	4.75	20.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	10	11.	13.8	26.	5.	63.511	7.969	5.1	7.5	23.25	25.8
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	11	25.	43.182	100.	0.	1886.364	43.432	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	10	11.5	11.2	13.8	8.4	4.211	2.052	8.41	9.1	13.	13.78
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	10	96.8	100.84	113.1	93.3	54.836	7.405	93.34	95.05	108.725	112.67
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.45	1.217	2.4	0.2	0.527	0.726	0.26	0.425	1.7	2.28
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	10	7.05	7.06	7.4	6.7	0.043	0.207	6.71	6.95	7.2	7.38
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	10	7.047	7.015	7.4	6.7	0.045	0.212	6.71	6.95	7.2	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	10	0.09	0.097	0.2	0.04	0.002	0.049	0.042	0.063	0.115	0.195

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Annual Analysis for 1976 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.25	7.233	7.7	6.6	0.09	0.299	6.69	7.1	7.475	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.247	7.129	7.7	6.6	0.102	0.319	6.69	7.1	7.475	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.057	0.074	0.251	0.02	0.004	0.063	0.023	0.034	0.079	0.214
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	144.5	155.583	258.	85.	3280.447	57.275	88.6	108.25	213.25	250.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.765	0.857	1.27	0.43	0.093	0.304	0.466	0.578	1.17	1.249
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12	0.075	0.128	0.47	0.03	0.015	0.124	0.033	0.045	0.19	0.392
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	1500.	23622.5	110000.	430.	1788447984.091	42290.046	574.	1072.5	35650.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.176	3.611	5.041	2.633	0.705	0.84	2.731	3.02	4.413	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4086.656								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	230.	1819.917	9300.	36.	12276196.811	3503.74	47.1	162.5	870.	9300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.362	2.616	3.968	1.556	0.547	0.74	1.648	2.207	2.938	3.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			412.609								

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Annual Analysis for 1977 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	13.5	12.875	22.	-1.	62.125	7.882	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	16.5	14.75	24.	-2.	88.214	9.392	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	8	50.	53.125	100.	0.	1328.125	36.443	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	8	9.	9.463	12.2	6.4	4.351	2.086	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	8	84.2	87.488	109.1	68.8	203.664	14.271	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	1.8	1.95	3.6	0.2	1.517	1.232	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	8	7.25	7.263	8.1	6.6	0.303	0.55	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	8	7.225	7.012	8.1	6.6	0.374	0.612	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	8	0.06	0.097	0.251	0.008	0.009	0.094	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.35	7.375	7.9	7.	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.325	7.265	7.9	7.	0.139	0.372	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.047	0.054	0.1	0.013	0.001	0.036	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	152.	191.625	480.	121.	14185.125	119.101	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	0.55	0.665	1.22	0.3	0.123	0.351	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.095	0.104	0.24	0.03	0.005	0.069	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	6800.	36095.	240000.	430.	6835692514.286	82678.247	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.801	3.747	5.38	2.633	0.825	0.908	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5582.194								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	290.	1429.	7500.	15.	6606996.286	2570.408	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.405	2.462	3.875	1.176	0.842	0.917	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			289.803								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	10.5	10.917	23.	0.	61.902	7.868	0.	3.	15.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	16.	15.25	32.	0.	120.75	10.989	0.	4.	21.75	31.7
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	25.	37.5	100.	0.	1875.	43.301	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	12	10.05	10.025	13.6	7.6	3.038	1.743	7.75	8.4	11.25	13.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	12	89.75	88.467	100.9	70.5	76.462	8.744	72.27	83.525	95.375	99.61
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.	1.358	4.	0.	1.128	1.062	0.24	0.8	1.55	3.64
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.4	7.255	7.7	6.7	0.097	0.311	6.72	7.	7.4	7.66
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.4	7.145	7.7	6.7	0.11	0.332	6.72	7.	7.4	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	11	0.04	0.072	0.2	0.02	0.003	0.058	0.022	0.04	0.1	0.191
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.15	7.192	7.5	6.9	0.03	0.173	6.93	7.1	7.3	7.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.147	7.161	7.5	6.9	0.031	0.176	6.93	7.1	7.3	7.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.071	0.069	0.126	0.032	0.001	0.027	0.034	0.05	0.079	0.118
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	144.	151.333	245.	119.	1374.061	37.068	119.6	124.75	152.5	232.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.95	0.975	1.8	0.3	0.193	0.439	0.36	0.625	1.2	1.74
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12 ##	0.02	0.035	0.15	0.	0.002	0.047	0.	0.	0.063	0.129
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	430.	3574.167	24000.	30.	51530626.515	7178.484	42.	125.	3682.5	20100.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	2.633	2.779	4.38	1.477	0.774	0.88	1.588	2.056	3.489	4.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			601.583								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	80.	228.75	930.	15.	119923.295	346.299	15.	18.75	345.	930.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	1.9	1.907	2.968	1.176	0.425	0.652	1.176	1.251	2.464	2.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			80.75								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	10.5	11.167	23.	-1.	55.788	7.469	3.2	7.25	15.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	14.	11.917	26.	-10.	107.902	10.388	3.3	6.25	24.	0.8
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	50.	52.083	100.	0.	1529.356	39.107	0.	6.25	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	11	10.	10.509	12.4	8.6	1.675	1.294	8.68	9.4	11.8	12.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	11	98.9	94.909	105.8	80.	100.705	10.035	80.12	83.6	104.2	105.52
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	10	1.2	1.61	3.2	0.2	0.95	0.975	0.25	1.	2.525	3.17
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.	7.064	7.7	6.3	0.197	0.443	6.3	7.	7.4	7.66
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.	6.835	7.7	6.3	0.254	0.504	6.3	7.	7.4	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	11	0.1	0.146	0.501	0.02	0.032	0.178	0.022	0.04	0.1	0.501
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	6.9	6.858	7.2	6.2	0.081	0.284	6.29	6.725	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	6.9	6.755	7.2	6.2	0.092	0.304	6.29	6.725	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.126	0.176	0.631	0.063	0.025	0.159	0.063	0.1	0.189	0.537
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	137.	139.167	185.	97.	676.879	26.017	100.9	122.25	154.25	183.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	1.15	1.042	1.3	0.3	0.084	0.291	0.45	0.9	1.275	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	11	0.04	0.109	0.34	0.	0.015	0.122	0.	0.	0.18	0.334
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3350.	28154.25	240000.	91.	4632566778.568	68062.962	132.7	922.5	20750.	181800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.507	3.571	5.38	1.959	0.946	0.972	2.08	2.82	4.296	5.165
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3726.541								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	430.	1928.083	9300.	15.	8069568.447	2840.699	21.3	84.5	3825.	7890.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.633	2.68	3.968	1.176	0.819	0.905	1.29	1.758	3.57	3.877
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			479.019								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	19.	15.	21.	2.	48.6	6.971	2.6	8.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	23.	18.727	30.	2.	95.618	9.778	2.8	9.	27.	29.4
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	37.5	45.833	100.	0.	1799.242	42.417	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	11	10.1	9.891	12.8	7.2	3.081	1.755	7.36	8.4	11.2	12.68
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	11	93.5	95.809	124.4	78.3	144.489	12.02	79.78	88.9	102.	120.38
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	0.8	1.217	3.5	0.4	0.862	0.928	0.43	0.625	1.9	3.11
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	12	7.25	7.35	8.5	6.8	0.201	0.448	6.86	7.025	7.475	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	12	7.247	7.207	8.5	6.8	0.223	0.472	6.86	7.025	7.475	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	12	0.057	0.062	0.158	0.003	0.002	0.043	0.007	0.034	0.095	0.141
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.45	7.35	7.9	6.7	0.125	0.353	6.76	7.05	7.5	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.447	7.214	7.9	6.7	0.145	0.38	6.76	7.05	7.5	7.87

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Annual Analysis for 1980 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.036	0.061	0.2	0.013	0.003	0.055	0.014	0.032	0.091	0.177
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	151.5	255.583	982.	126.	70304.265	265.15	127.8	135.75	173.	870.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	1.1	1.083	1.9	0.4	0.172	0.415	0.46	0.725	1.375	1.75
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	5	0.07	0.086	0.15	0.06	0.001	0.036	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	50	21.	19.04	25.	5.	21.876	4.677	11.1	18.5	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	50	23.	21.22	32.	3.	43.4	6.588	10.2	17.75	25.25	27.9
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	51	25.	35.294	100.	0.	1704.412	41.285	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	50	8.45	7.998	12.6	2.1	7.43	2.726	3.32	6.925	10.025	11.19
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	28	96.25	96.964	124.7	68.8	220.577	14.852	76.24	87.775	108.275	120.98
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	37	1.7	34.162	284.	0.	3757.096	61.295	0.2	0.7	69.85	124.2
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	40	7.5	7.603	8.8	6.3	0.304	0.552	7.	7.225	7.875	8.59
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	40	7.5	7.302	8.8	6.3	0.397	0.63	7.	7.225	7.875	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	40	0.032	0.05	0.501	0.002	0.007	0.081	0.003	0.013	0.06	0.1
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	37	7.4	7.365	7.9	6.2	0.101	0.317	6.98	7.25	7.5	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	37	7.4	7.2	7.9	6.2	0.129	0.359	6.98	7.25	7.5	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	37	0.04	0.063	0.631	0.013	0.01	0.1	0.016	0.032	0.057	0.105
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	37	0.8	0.935	2.41	0.1	0.285	0.534	0.3	0.525	1.27	1.746
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	31	0.16	3.39	16.06	0.	25.706	5.07	0.006	0.05	5.51	13.772
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	35000.	9411344.375	99000000.	230.	**********	20140267.724	580.	4300.	19075000.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	4.521	5.022	7.996	2.362	3.337	1.827	2.734	3.633	7.194	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			105158.754								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	3350.	5117369.719	46000000.	15.	**********	10406126.482	94.	430.	4525000.	24000000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	3.507	4.387	7.663	1.176	4.491	2.119	1.944	2.633	6.655	7.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			24403.19								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	58	6.	6.31	16.	-1.	20.604	4.539	0.9	3.	-1.	13.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	57	6.	5.404	14.	-10.	22.352	4.728	0.	3.5	3.	12.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	60	75.	62.917	100.	0.	1620.586	40.257	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	57	11.8	10.807	14.1	4.2	7.862	2.804	5.16	10.25	12.8	13.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	28	86.35	88.396	113.1	70.5	89.466	9.459	79.05	81.475	93.275	104.66
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	44	2.1	30.843	215.4	0.4	2778.209	52.709	0.8	1.4	61.075	120.35
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	55	7.3	7.311	8.4	6.3	0.188	0.434	6.76	7.	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	55	7.3	7.117	8.4	6.3	0.227	0.476	6.76	7.	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	55	0.05	0.076	0.501	0.004	0.007	0.082	0.016	0.02	0.1	0.175
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	45	7.3	7.247	7.9	6.5	0.08	0.283	6.9	7.1	7.4	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	45	7.3	7.152	7.9	6.5	0.089	0.298	6.9	7.1	7.4	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	45	0.05	0.071	0.316	0.013	0.003	0.056	0.029	0.04	0.079	0.126
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	45	1.6	1.704	4.15	0.5	0.64	0.8	0.9	1.2	2.065	2.972
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	44	0.205	2.266	17.5	0.	18.928	4.351	0.015	0.073	2.98	10.87
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	16000.	4222328.025	24000000.	30.	**********	8233488.445	240.	930.	3825000.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	4.182	4.57	7.38	1.477	3.48	1.866	2.377	2.968	6.57	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			37175.653								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	920.	1663231.65	24000000.	15.	**********	4180363.577	36.	90.	2100000.	4570000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	2.964	3.709	7.38	1.176	4.45	2.11	1.556	1.954	6.315	6.66
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5116.85								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	38	15.	15.079	22.	7.	11.642	3.412	10.	13.	17.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	38	17.	17.421	26.	11.	18.845	4.341	12.	14.	21.25	24.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	38	25.	42.105	100.	0.	1895.448	43.537	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	37	9.8	9.	13.8	2.	9.265	3.044	2.98	8.4	11.	12.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	24	100.45	100.013	127.7	82.3	87.196	9.338	87.4	94.75	106.175	108.5
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	26	2.25	24.008	109.7	0.4	1459.857	38.208	0.64	0.875	52.5	96.98
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	34	7.2	7.356	8.6	6.5	0.315	0.561	6.65	7.	7.75	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	34	7.2	7.094	8.6	6.5	0.386	0.621	6.65	7.	7.75	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	34	0.063	0.081	0.316	0.003	0.006	0.079	0.006	0.018	0.1	0.225
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	27	7.3	7.378	9.5	6.6	0.259	0.509	6.88	7.2	7.4	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	27	7.3	7.219	9.5	6.6	0.285	0.534	6.88	7.2	7.4	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	27	0.05	0.06	0.251	0.	0.003	0.05	0.015	0.04	0.063	0.132
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	27	1.18	1.352	3.86	0.43	0.588	0.767	0.734	0.9	1.48	2.344
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	26	0.14	3.105	15.84	0.	24.586	4.958	0.	0.04	4.905	12.585
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	28500.	3314092.5	46000000.	70.	**********	9423617.672	260.	2175.	2400000.	8400000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	4.352	4.712	7.663	1.845	3.109	1.763	2.294	3.337	6.38	6.922
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			51495.525								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	2765.	1817699.875	15000000.	15.	**********	3571769.614	35.	170.	2400000.	6800000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	3.316	4.02	7.176	1.176	4.501	2.121	1.54	2.223	6.38	6.801
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			10476.426								

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Station Inventory for Station: GWMP0473

NPS Station ID: GWMP0473
LAT/LON: 38.981670/ -77.160281
Agency: 21MDMONT
Date Created: / /
Location: BOOZE CREEK AT CABIN JOHN PKY.
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30130 /BZC-000.02
RMI-Indexes: 0214001 002880 00040
Within Park Boundary: No
RMI-Miles: 0119.80 0001.50 000.02
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 6.50
On/Off RF1:
RF3 Index: 02070008003400.00
RF3 Mile Point: 2.59
Distance from RF3: 0.03
On/Off RF3:
Description:
STATION ESTABLISHED ON BOOZE CREEK TWO HUNDRED FT DOWNSTREAM FROM BRIDGE CROSSING CABIN JOHN PARKWAY. STATION WAS ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	147	12.	12.531	25.	-1.	54.73	7.398	3.	6.	19.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	146	14.	13.884	32.	-11.	78.876	8.881	3.	7.75	22.	25.3
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	150	50.	48.833	100.	0.	1882.019	43.382	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	72	3.	10.576	210.	0.	809.899	28.459	0.	0.625	7.75	24.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	1.15	4.975	64.	0.3	134.147	11.582	0.4	0.625	3.025	17.6
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	146	11.05	10.932	16.2	6.6	3.85	1.962	8.2	9.3	12.425	13.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	82	93.6	97.138	169.3	71.9	284.442	16.865	79.63	85.475	104.95	117.39
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	107	1.4	2.031	30.	0.	11.428	3.38	0.28	0.8	2.1	3.3
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	130	7.4	7.48	9.3	6.3	0.302	0.549	6.8	7.175	7.8	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	130	7.4	7.21	9.3	6.3	0.375	0.613	6.8	7.175	7.8	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	130	0.04	0.062	0.501	0.001	0.005	0.072	0.005	0.016	0.067	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	108	7.5	7.486	8.9	6.3	0.179	0.423	7.09	7.225	7.6	8.01
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	108	7.5	7.283	8.9	6.3	0.221	0.47	7.09	7.225	7.6	8.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	108	0.032	0.052	0.501	0.001	0.005	0.073	0.01	0.025	0.06	0.081
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	187.5	190.536	554.	108.	3829.235	61.881	123.4	160.25	208.75	232.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	108	1.26	1.453	5.14	0.05	0.996	0.998	0.3	0.8	2.	2.8
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	100	0.105	0.21	4.3	0.	0.203	0.451	0.04	0.06	0.2	0.439
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	1900.	5889.167	46000.	230.	167910244.697	12958.019	290.	510.	2400.	35500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.269	3.236	4.663	2.362	0.405	0.636	2.443	2.694	3.38	4.476
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1723.299								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	95	2400.	52594.558	2400000.	39.72923	972057.845	270044.389	230.	430.	9300.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	95	3.38	3.509	6.38	1.591	0.842	0.918	2.362	2.633	3.968	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3229.653								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	95	430.	31784.695	2400000.	9.610945	03431.491	247173.023	37.8	91.	2300.	6480.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	95	2.633	2.695	6.38	0.954	0.962	0.981	1.577	1.959	3.362	3.785
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			494.978								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	230.	997.333	9300.	15.	6902046.606	2627.175	19.5	36.	430.	6783.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.362	2.25	3.968	1.176	0.599	0.774	1.266	1.556	2.633	3.666
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			177.982								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.35	0.344	0.5	0.18	0.011	0.106	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0473

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	1	0.03	14	1	0.07	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	146	0	0.00	50	0	0.00	58	0	0.00	38	0	0.00			
00400	PH	Other-Hi Lim.	9.	130	1	0.01	40	1	0.03	56	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	130	1	0.01	40	1	0.03	56	0	0.00	34	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	108	2	0.02	37	1	0.03	44	1	0.02	27	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	7	0.58	5	3	0.60	4	1	0.25	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	95	64	0.67	32	20	0.63	40	25	0.63	23	19	0.83			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	95	57	0.60	32	17	0.53	40	23	0.58	23	17	0.74			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	7	0.58	5	3	0.60	4	1	0.25	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	42	13.	13.048	24.	0.	68.632	8.284	1.6	6.	23.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	42	14.5	14.143	28.	-4.	78.125	8.839	4.	8.75	23.25	25.7
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	42	25.	44.048	100.	0.	2097.851	45.802	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	42	11.3	11.231	14.9	8.	2.518	1.587	8.92	10.075	12.3	13.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	29	100.	102.645	169.3	79.7	460.127	21.451	80.5	85.45	110.5	132.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	37	7.9	7.973	9.3	7.2	0.289	0.538	7.38	7.5	8.5	8.72
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	37	7.9	7.728	9.3	7.2	0.351	0.592	7.38	7.5	8.5	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	37	0.013	0.019	0.063	0.001	0.	0.017	0.002	0.003	0.032	0.042
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	93000.	93000.	93000.	93000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	4.968	4.968	4.968	4.968	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			93000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	4.633	4.633	4.633	4.633	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	23	13.	12.13	25.	2.	51.209	7.156	2.4	6.	18.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	23	14.	12.783	28.	0.	72.087	8.49	0.	5.	20.	23.2
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	24	50.	51.042	100.	0.	2036.911	45.132	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	23	11.2	10.443	13.8	6.6	4.961	2.227	7.74	8.2	12.5	13.38
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	24	1.15	2.877	30.	0.	39.526	6.287	0.	0.575	2.075	7.75
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.65	7.706	8.2	7.2	0.11	0.332	7.27	7.425	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.647	7.596	8.2	7.2	0.123	0.351	7.27	7.425	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	16	0.023	0.025	0.063	0.006	0.	0.018	0.006	0.01	0.038	0.054
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	24	7.6	7.558	7.9	7.1	0.033	0.182	7.25	7.5	7.675	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	24	7.6	7.519	7.9	7.1	0.035	0.186	7.25	7.5	7.675	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	24	0.025	0.03	0.079	0.013	0.	0.015	0.016	0.021	0.032	0.057
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	24	1.665	1.894	3.66	0.95	0.524	0.724	1.11	1.283	2.32	3.12
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	24	0.245	0.481	4.3	0.07	0.728	0.853	0.08	0.14	0.468	0.925
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	3300.	153292.583	2400000.	39.27892838	7232.601	528136.713	161.5	1650.	9300.	596500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	3.498	3.606	6.38	1.591	1.177	1.085	2.165	3.213	3.968	5.505
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4038.172								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	430.	114443.125	2400000.	9.239528453	499.505	489416.442	41.	79.5	2300.	157500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	2.633	2.92	6.38	0.954	1.656	1.287	1.612	1.898	3.362	5.128
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			830.836								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	20	12.5	13.65	25.	3.	46.134	6.792	4.1	8.75	19.5	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	20	13.	13.9	26.	0.	57.674	7.594	2.4	8.25	19.5	25.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	20	62.5	55.	100.	0.	2078.947	45.595	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	20	11.5	11.585	16.2	9.2	3.059	1.749	9.21	10.275	12.475	13.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	19	1.7	2.058	8.9	0.3	3.329	1.825	0.8	1.1	2.2	3.8
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.25	7.163	7.7	6.6	0.095	0.307	6.6	7.	7.375	7.56
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	16	7.247	7.054	7.7	6.6	0.107	0.327	6.6	7.	7.375	7.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	16	0.057	0.088	0.251	0.02	0.005	0.072	0.028	0.042	0.1	0.251
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	19	7.6	7.868	8.9	7.4	0.185	0.43	7.5	7.6	8.2	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	19	7.6	7.725	8.9	7.4	0.206	0.454	7.5	7.6	8.2	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	19	0.025	0.019	0.04	0.001	0.	0.012	0.003	0.006	0.025	0.032
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	19	2.02	2.344	5.14	0.59	1.137	1.066	1.26	1.73	2.91	4.11
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	19	0.13	0.139	0.31	0.03	0.005	0.073	0.05	0.09	0.19	0.25
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	19	2300.	14891.632	110000.	91.	788549702.801	28081.127	150.	750.	9300.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	19	3.362	3.436	5.041	1.959	0.765	0.875	2.176	2.875	3.968	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2729.774								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	19	230.	1006.474	4300.	36.	1973570.708	1404.838	43.	91.	2300.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	19	2.362	2.544	3.633	1.556	0.461	0.679	1.633	1.959	3.362	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			349.951								

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Annual Analysis for 1974 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	8.	9.875	20.	3.	39.268	6.266	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	7	10.	11.286	24.	3.	59.905	7.74	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	8	62.5	56.25	100.	0.	1919.643	43.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	8	13.1	13.363	15.4	11.3	1.923	1.387	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	2.6	2.588	5.6	1.1	1.907	1.381	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	8	6.9	7.125	8.3	6.8	0.254	0.504	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	8	6.9	6.984	8.3	6.8	0.276	0.526	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	8	0.126	0.104	0.158	0.005	0.003	0.054	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.75	7.863	8.5	7.3	0.231	0.481	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.725	7.669	8.5	7.3	0.274	0.523	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.019	0.021	0.05	0.003	0.	0.018	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	2.1	2.211	4.84	0.4	1.788	1.337	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.11	0.171	0.46	0.09	0.016	0.125	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	2600.	7082.5	24000.	430.	72222192.857	8498.364	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.412	3.497	4.38	2.633	0.428	0.654	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3141.934								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	680.	2102.875	9300.	36.	10256286.696	3202.544	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.801	2.694	3.968	1.556	0.862	0.928	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			494.79								

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Annual Analysis for 1976 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	7.	11.545	22.	3.	56.073	7.488	3.2	5.	19.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	9.	13.	26.	5.	64.2	8.012	5.	6.	23.	25.6
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	62.5	52.083	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	11	12.6	11.436	14.	7.7	5.069	2.251	7.88	8.9	13.	13.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	11	97.7	102.764	139.8	76.8	315.905	17.774	78.94	91.8	114.8	136.54
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.4	1.292	4.1	0.	1.246	1.116	0.03	0.25	1.725	3.44
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.	7.009	7.3	6.6	0.089	0.298	6.6	6.6	7.3	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.	6.913	7.3	6.6	0.099	0.315	6.6	6.6	7.3	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	11	0.1	0.122	0.251	0.05	0.008	0.087	0.05	0.05	0.251	0.251

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Annual Analysis for 1976 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.35	7.342	8.3	6.6	0.197	0.444	6.63	7.125	7.5	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.347	7.148	8.3	6.6	0.238	0.488	6.63	7.125	7.5	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.045	0.071	0.251	0.005	0.006	0.075	0.009	0.032	0.075	0.236
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	171.5	173.	250.	108.	1938.364	44.027	111.6	129.5	209.75	242.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.66	0.668	1.25	0.05	0.149	0.386	0.077	0.445	0.93	1.247
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12	0.08	0.108	0.43	0.	0.013	0.116	0.009	0.045	0.098	0.37
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	2400.	36031.818	240000.	230.	5614970116.364	74933.104	256.	430.	24000.	214000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	3.38	3.617	5.38	2.362	1.01	1.005	2.401	2.633	4.38	5.312
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4139.451								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	150.	11461.545	110000.	36.	1071890971.673	32739.746	36.	73.	4300.	88920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	2.176	2.766	5.041	1.556	1.326	1.151	1.556	1.863	3.633	4.766
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			582.884								

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Annual Analysis for 1977 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	14.	12.875	22.	0.	55.554	7.453	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	8	16.5	14.5	24.	-3.	90.571	9.517	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	8	50.	53.125	100.	0.	1328.125	36.443	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	8	8.35	9.175	11.8	6.9	3.882	1.97	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	8	80.2	84.775	109.3	72.6	155.582	12.473	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	1.25	2.4	7.5	0.5	5.646	2.376	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	8	7.15	7.225	7.8	6.7	0.194	0.44	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	8	7.125	7.06	7.8	6.7	0.225	0.474	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	8	0.075	0.087	0.2	0.016	0.005	0.07	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.25	7.337	8.	6.8	0.131	0.362	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.247	7.221	8.	6.8	0.147	0.383	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.057	0.06	0.158	0.01	0.002	0.046	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	178.5	180.375	266.	119.	2512.554	50.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	0.3	0.734	2.3	0.05	0.669	0.818	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.12	0.204	0.6	0.04	0.044	0.209	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	6950.	24532.5	110000.	430.	1441074478.571	37961.487	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.816	3.77	5.041	2.633	0.825	0.908	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5886.116								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	635.	3611.75	24000.	73.	68403029.357	8270.612	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.758	2.801	4.38	1.863	0.672	0.82	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			632.75								

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Annual Analysis for 1978 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	11.5	10.917	24.	0.	55.174	7.428	0.	3.75	15.75	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	15.	14.917	32.	0.	121.902	11.041	0.	4.	22.5	31.7
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	25.	37.5	100.	0.	1875.	43.301	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	12	10.35	10.425	14.	8.2	3.398	1.843	8.23	8.7	11.775	13.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	12	93.3	92.275	112.	71.9	109.566	10.467	73.82	85.45	97.55	108.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	0.85	1.2	3.3	0.2	0.829	0.911	0.26	0.525	1.85	2.97
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.2	7.309	7.9	6.6	0.135	0.367	6.66	7.2	7.6	7.86
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.2	7.161	7.9	6.6	0.159	0.399	6.66	7.2	7.6	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	11	0.063	0.069	0.251	0.013	0.005	0.068	0.014	0.025	0.063	0.226
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.35	7.333	7.5	7.1	0.015	0.123	7.13	7.225	7.4	7.5

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Annual Analysis for 1978 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.347	7.317	7.5	7.1	0.015	0.124	7.13	7.225	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.045	0.048	0.079	0.032	0.	0.014	0.032	0.04	0.06	0.075
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	191.	191.917	249.	135.	898.083	29.968	142.5	171.5	210.25	240.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.75	0.942	1.9	0.3	0.348	0.59	0.3	0.5	1.55	1.87
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12	0.04	0.042	0.19	0.	0.003	0.057	0.	0.	0.04	0.166
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	430.	1382.5	4600.	200.	2821075.	1679.606	203.	230.	2325.	4600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	2.633	2.831	3.663	2.301	0.293	0.541	2.307	2.362	3.366	3.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			677.615								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	190.	366.75	2400.	15.	429050.386	655.019	21.3	75.	380.	1809.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.269	2.2	3.38	1.176	0.323	0.569	1.29	1.872	2.566	3.156
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			158.319								

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Annual Analysis for 1979 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	10.5	11.167	24.	-1.	55.788	7.469	3.2	7.25	15.	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	12	14.	11.667	26.	-11.	109.697	10.474	3.	6.5	23.25	0.1
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	50.	54.167	100.	0.	1685.606	41.056	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	11	10.4	10.364	12.8	8.2	2.401	1.549	8.24	8.6	11.8	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	11	93.7	93.345	107.6	78.4	112.585	10.611	78.72	82.3	103.9	106.96
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	11	1.4	1.4	3.1	0.	0.932	0.965	0.08	0.6	2.1	3.02
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.2	7.182	8.	6.3	0.202	0.449	6.4	6.8	7.4	7.92
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	11	7.2	6.962	8.	6.3	0.255	0.505	6.4	6.8	7.4	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	11	0.063	0.109	0.501	0.01	0.019	0.139	0.013	0.04	0.158	0.433
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.1	6.992	7.4	6.3	0.123	0.35	6.3	6.925	7.2	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.1	6.828	7.4	6.3	0.152	0.39	6.3	6.925	7.2	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.079	0.149	0.501	0.04	0.028	0.166	0.043	0.063	0.119	0.501
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	195.5	180.333	211.	117.	920.97	30.347	125.4	156.5	203.75	210.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.9	0.908	1.5	0.3	0.101	0.318	0.36	0.8	1.15	1.41
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	11	0.07	0.111	0.31	0.04	0.011	0.104	0.04	0.04	0.14	0.31
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	4450.	22971.667	110000.	230.	1694434378.788	41163.508	440.	1650.	20750.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.648	3.723	5.041	2.362	0.639	0.799	2.544	3.213	4.296	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5280.506								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	330.	2882.75	24000.	36.	46056624.023	6786.503	47.1	77.5	2175.	18180.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.498	2.681	4.38	1.556	0.727	0.853	1.648	1.887	3.329	4.165
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			479.243								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	20.	15.273	22.	3.	48.418	6.958	3.4	9.	21.	21.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	11	22.	18.545	30.	2.	96.873	9.842	2.8	8.	27.	29.4
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	12	37.5	45.833	100.	0.	1799.242	42.417	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	11	10.	9.755	12.	8.	2.067	1.438	8.04	8.3	11.4	11.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	11	92.2	95.082	113.3	87.	63.826	7.989	87.36	89.1	98.2	111.54
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	0.75	1.008	3.3	0.2	0.668	0.817	0.26	0.525	1.35	2.73
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	12	7.35	7.35	8.	6.8	0.106	0.326	6.86	7.125	7.475	7.94
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	12	7.347	7.248	8.	6.8	0.118	0.343	6.86	7.125	7.475	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	12	0.045	0.057	0.158	0.01	0.002	0.041	0.012	0.034	0.075	0.141
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.5	7.408	7.9	6.8	0.088	0.297	6.86	7.225	7.6	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.5	7.305	7.9	6.8	0.1	0.316	6.86	7.225	7.6	7.81

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.032	0.05	0.158	0.013	0.002	0.041	0.016	0.025	0.06	0.141
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	190.	223.667	554.	156.	12066.242	109.846	156.9	173.25	212.75	474.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.85	1.	2.2	0.2	0.471	0.686	0.2	0.375	1.55	2.17
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	5	0.08	0.083	0.18	0.015	0.004	0.064	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	50	21.	19.14	25.	6.	26.164	5.115	11.	16.5	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	50	23.	21.1	32.	3.	42.622	6.529	11.1	17.	25.	27.9
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	51	25.	36.275	100.	0.	1807.843	42.519	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	50	9.2	9.586	14.9	6.6	3.519	1.876	7.71	8.2	10.825	12.54
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	28	93.75	98.039	169.3	72.6	420.366	20.503	76.69	87.125	104.275	126.99
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	36	0.95	1.171	4.1	0.	1.123	1.06	0.085	0.425	1.55	3.16
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	40	7.5	7.685	9.3	6.3	0.376	0.613	7.2	7.3	7.975	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	40	7.5	7.337	9.3	6.3	0.5	0.707	7.2	7.3	7.975	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	40	0.032	0.046	0.501	0.001	0.007	0.081	0.003	0.011	0.05	0.063
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	37	7.5	7.568	8.5	6.3	0.182	0.427	7.1	7.3	7.8	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	37	7.5	7.338	8.5	6.3	0.236	0.486	7.1	7.3	7.8	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	37	0.032	0.046	0.501	0.003	0.006	0.08	0.006	0.016	0.05	0.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	37	0.8	1.061	3.66	0.05	0.72	0.849	0.188	0.35	1.665	2.13
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	31	0.07	0.136	0.65	0.	0.022	0.15	0.032	0.05	0.14	0.318
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	2300.	14497.	110000.	91.	1044612685.226	32320.469	230.	430.	9300.	90800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	3.362	3.371	5.041	1.959	0.7	0.837	2.362	2.633	3.968	4.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2348.333								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	230.	1861.156	24000.	9.	23954230.33	4894.306	51.1	90.25	930.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	2.362	2.489	4.38	0.954	0.613	0.783	1.697	1.955	2.968	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			308.099								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	59	6.	5.203	11.	-1.	10.682	3.268	0.	3.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	58	6.	5.345	14.	-11.	22.932	4.789	0.	3.	-0.5	12.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	61	75.	63.525	100.	0.	1616.12	40.201	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	58	12.	12.2	16.2	9.8	1.642	1.281	10.5	11.4	12.8	13.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	29	87.4	89.376	114.8	71.9	99.654	9.983	78.4	81.55	94.7	104.9
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	44	1.65	2.77	30.	0.	22.106	4.702	0.5	1.225	2.45	4.7
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	56	7.3	7.305	8.4	6.6	0.171	0.414	6.74	7.	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	56	7.3	7.131	8.4	6.6	0.202	0.45	6.74	7.	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	56	0.05	0.074	0.251	0.004	0.005	0.068	0.013	0.025	0.1	0.186
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	44	7.4	7.38	8.9	6.3	0.14	0.374	7.	7.2	7.6	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	44	7.4	7.221	8.9	6.3	0.166	0.407	7.	7.2	7.6	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	44	0.04	0.06	0.501	0.001	0.006	0.077	0.025	0.025	0.063	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	44	1.78	1.975	5.14	0.5	1.093	1.045	0.81	1.225	2.468	3.19
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	43	0.14	0.301	4.3	0.	0.435	0.659	0.04	0.09	0.31	0.478
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	2350.	96664.475	2400000.	39.	169533644626.666	411744.635	230.	430.	13575.	45700.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	40	3.371	3.478	6.38	1.591	1.064	1.031	2.362	2.633	4.124	4.66
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3007.757								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	395.	68119.775	2400000.	15.	144462059766.64	380081.649	36.	79.	2300.	8830.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	40	2.595	2.682	6.38	1.176	1.223	1.106	1.556	1.896	3.362	3.938
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			481.329								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/71-12/02/80	38	15.	15.211	23.	8.	12.549	3.542	10.	13.	18.	20.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/71-12/02/80	38	17.	17.421	26.	10.	19.818	4.452	11.9	14.	21.25	24.
00032	CLOUD COVER (PERCENT)	01/15/71-12/02/80	38	25.	42.105	100.	0.	1895.448	43.537	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0473

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/15/71-12/02/80	38	10.7	10.768	14.2	8.	2.903	1.704	8.49	9.275	12.125	13.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/15/71-12/02/80	25	105.1	105.132	139.8	80.8	230.5	15.182	82.9	94.05	112.65	129.12
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	27	1.4	1.974	12.7	0.	6.564	2.562	0.38	0.8	2.2	3.74
00400	PH (STANDARD UNITS)	01/15/71-12/02/80	34	7.5	7.526	8.8	6.6	0.346	0.588	6.8	7.	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/15/71-12/02/80	34	7.5	7.223	8.8	6.6	0.44	0.663	6.8	7.	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/71-12/02/80	34	0.032	0.06	0.251	0.002	0.004	0.064	0.004	0.01	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	27	7.5	7.548	8.5	6.6	0.221	0.47	6.88	7.3	7.7	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	27	7.5	7.324	8.5	6.6	0.273	0.523	6.88	7.3	7.7	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	27	0.032	0.047	0.251	0.003	0.003	0.055	0.005	0.02	0.05	0.132
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	27	1.02	1.14	3.57	0.05	0.513	0.716	0.28	0.8	1.41	1.986
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	26	0.105	0.149	0.65	0.	0.023	0.152	0.021	0.04	0.193	0.411
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	23	4300.	28956.522	240000.	210.	3348862060.079	57869.353	630.	2100.	11000.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	23	3.633	3.755	5.38	2.322	0.632	0.795	2.767	3.322	4.041	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5694.677								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	23	930.	10226.	110000.	36.	725801313.727	26940.7	50.8	150.	2400.	54600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	23	2.968	3.002	5.041	1.556	0.918	0.958	1.679	2.176	3.38	4.677
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1005.009								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0474

NPS Station ID: GWMP0474
LAT/LON: 38.986948/ -77.115559
Agency: 21MD30WQ
Date Created: / /
Location: ROCK CR AT MD-DC LINE BEECH DR
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROC-010.0 /M-26 /MD-14
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0110.20 0010.00
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002200.58
RF3 Mile Point: 1.49
Distance from RF3: 0.05
On/Off RF3:
Description:
SAMPLED BY MARYLAND DEPARTMENT OF WATER RESOURCES AT MD-DC LINE ON BEECH DRIVE, NEAR NORTH END OF ROCK CREEK PARK

Parameter Inventory for Station: GWMP0474

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0475

NPS Station ID: GWMP0475
LAT/LON: 38.996115/ -77.166392
Agency: 112WRD
Date Created: 12/19/81
Location: MO Ff 18
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 385946077095901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 02070010063700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0475

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/19/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/19/81-08/19/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/81-08/19/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/19/81	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/81-08/19/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/81-08/19/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/19/81	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/19/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/81-08/19/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/19/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/19/81	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/19/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/19/81	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/19/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/81-08/19/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/81-08/19/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/19/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/19/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/19/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/19/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/19/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/81-08/19/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/81-08/19/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/19/81-08/19/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/19/81-08/19/81	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/19/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/19/81-08/19/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/19/81-08/19/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/81-08/19/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/19/81-08/19/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/19/81-08/19/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/19/81-08/19/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/19/81-08/19/81	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/81-08/19/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/19/81-08/19/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/81-08/19/81	1	106.	106.	106.	106.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/81-08/19/81	1	81.	81.	81.	81.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/19/81-08/19/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0475

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/19/81-08/19/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0475

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0476

NPS Station ID: GWMP0476
LAT/LON: 38.998059/ -77.249448
Agency: 1113MCST
Date Created: / /
Location: GREAT FALLS LOCK 19
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P11/P11 /011
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 02070008000105.12
RF3 Mile Point: 5.12
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0476

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	27.25	27.625	29.	27.	0.896	0.946	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.85	7.825	7.9	7.7	0.009	0.096	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	4.95	4.95	5.4	4.5	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.15	7.125	7.3	6.9	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.147	7.099	7.3	6.9	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.071	0.08	0.126	0.05	0.001	0.033	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.841	0.844	0.87	0.824	0.	0.022	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.025	0.025	0.03	0.02	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.45	10.5	11.2	9.9	0.287	0.535	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	24.2	24.45	25.9	23.5	1.37	1.17	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	580.	580.	700.	460.	28800.	169.706	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.754	2.754	2.845	2.663	0.017	0.129	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			567.45								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	42.5	42.5	45.	40.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.628	1.628	1.653	1.602	0.001	0.036	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.426								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	81.75	76.875	111.	33.	1406.063	37.497	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.36	0.355	0.38	0.32	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0476

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0477

NPS Station ID: GWMP0477
LAT/LON: 38.998059/ -77.249448
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC AT GREAT FALLS LOCK #19
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D11 /D11 /P11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 1.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000105.12
RF3 Mile Point: 5.12
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-10/09/79	28	23.5	21.275	28.	3.	41.072	6.409	11.	17.	26.425	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/16/74-07/05/77	19	19.7	26.321	146.	2.9	973.144	31.195	4.	14.	25.	55.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-10/09/79	11	19.	28.273	100.	8.	689.618	26.261	8.8	14.	40.	88.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/75-05/20/75	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-10/09/79	31	7.9	8.384	12.9	6.	2.465	1.57	6.62	7.4	9.3	10.74
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/74-08/21/79	15	2.9	3.013	4.2	2.	0.386	0.621	2.18	2.5	3.6	3.96
00400	PH (STANDARD UNITS)	01/16/74-05/20/75	2	7.25	7.25	7.6	6.9	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/74-05/20/75	2	7.122	7.122	7.6	6.9	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/74-05/20/75	2	0.076	0.076	0.126	0.025	0.005	0.071	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11	0.049	0.048	0.071	0.02	0.	0.016	0.02	0.042	0.057	0.07
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/06/77	18	0.048	0.067	0.182	0.026	0.002	0.041	0.031	0.04	0.103	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11	0.018	0.019	0.037	0.01	0.	0.009	0.01	0.012	0.026	0.035
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	11	1.1	1.195	1.59	0.83	0.076	0.275	0.84	1.	1.47	1.588
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/01/79-10/09/79	8	0.425	0.363	0.51	0.1	0.029	0.169	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/16/74-10/09/79	30	0.609	0.603	0.986	0.218	0.033	0.181	0.354	0.486	0.692	0.89
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/16/74-11/01/77	20	0.92	0.879	1.91	0.02	0.355	0.596	0.07	0.245	1.295	1.85
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/16/74-10/09/79	31	0.35	0.473	1.93	0.14	0.141	0.376	0.18	0.26	0.5	1.128
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/79-10/09/79	8	0.13	0.143	0.26	0.06	0.003	0.058	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/74-11/01/77	20	0.055	0.121	0.67	0.02	0.024	0.156	0.02	0.03	0.168	0.337
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/16/74-08/21/79	27	6.5	6.752	15.2	0.5	16.171	4.021	2.34	3.7	9.5	13.96
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/01/79-08/21/79	5 ##	0.5	0.96	2.8	0.5	1.058	1.029	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/16/74-07/31/79	20	22.25	23.725	38.5	14.3	37.896	6.156	16.83	20.075	29.45	33.26
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	5	3750.	3790.	4340.	3450.	111350.	333.691	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/09/79-10/09/79	1	92000.	92000.	92000.	92000.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	10/09/79-10/09/79	1	4.964	4.964	4.964	4.964	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			92000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	950.	950.	950.	950.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/79-10/09/79	1	2.978	2.978	2.978	2.978	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			950.								
32230	CHLOROPHYLL A (MG/L)	05/01/79-10/09/79	10	0.02	0.019	0.036	0.003	0.	0.012	0.003	0.006	0.029	0.036
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/01/79-10/09/79	11	0.07	0.091	0.232	0.02	0.004	0.065	0.02	0.056	0.122	0.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0477

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	19	2	0.11	8	2	0.25	2	0	0.00	9	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	1	0.09	7	1	0.14				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	15	0	0.00	3	0	0.00	13	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	11	0	0.00	7	0	0.00				4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	11	0	0.00	7	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	8	0	0.00	3	0	0.00	9	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0478

NPS Station ID: GWMP0478
LAT/LON: 39.000005/ -77.197226
Agency: 1113POTS
Date Created: / /
Location: PO.R. AT GREAT FALLS,MD.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 019 /019 /CB3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070011007802.70
RF3 Mile Point: 2.70
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0478

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-12/01/69	14	10.	9.571	14.	5.	7.956	2.821	5.	7.	11.	14.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-12/01/69	15	0.126	0.225	1.3	0.054	0.093	0.304	0.056	0.11	0.231	0.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-12/01/69	15	0.882	1.445	7.32	0.052	3.232	1.798	0.232	0.496	1.69	4.854
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/69-12/01/69	14	0.99	0.908	1.61	0.1	0.185	0.43	0.15	0.698	1.07	1.555
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-12/01/69	15	0.22	0.235	0.6	0.07	0.019	0.137	0.07	0.11	0.29	0.474
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/24/69	14	0.435	0.436	0.75	0.23	0.024	0.155	0.235	0.355	0.475	0.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0478

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00				14	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0479

NPS Station ID: GWMP0479
LAT/LON: 39.000005/ -77.246670
Agency: 11FWS
Date Created: 10/05/77
Location: POTOMAC RIVER AT LITTLE FALLS
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 2.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000804.79
RF3 Mile Point: 6.22
Distance from RF3: 0.12
On/Off RF3:
Description:
WHOLE BODY FISH COMPOSITE SAM. RESIDUE DATA. FWS NMP TRENDSTA

Parameter Inventory for Station: GWMP0479

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	35	1.2	1.491	4.2	0.2	1.143	1.069	0.26	0.7	2.1	3.18
00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	35	14.	13.766	20.	6.6	11.571	3.402	8.5	11.5	17.	18.58
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/77-10/01/86	15	0.1	0.101	0.2	0.03	0.004	0.062	0.03	0.05	0.15	0.194
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/77-10/01/86	15	0.42	0.437	0.67	0.3	0.008	0.091	0.318	0.37	0.49	0.574
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	38	0.02	0.03	0.13	0.01	0.001	0.024	0.01	0.02	0.033	0.052
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	35	0.01	0.01	0.02	0.01	0.	0.002	0.01	0.01	0.01	0.01
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	38	0.01	0.011	0.03	0.01	0.	0.004	0.01	0.01	0.01	0.01
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/77-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	31	0.1	0.173	0.56	0.1	0.017	0.13	0.1	0.1	0.2	0.4
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	15	0.03	0.034	0.09	0.01	0.001	0.024	0.01	0.01	0.04	0.084
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	15	0.01	0.017	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.034
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/77-10/01/86	15	0.02	0.018	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/77-10/01/86	15	0.04	0.037	0.07	0.01	0.	0.018	0.01	0.02	0.05	0.064
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	22	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	38	5.75	6.524	17.9	0.4	17.447	4.177	1.98	3.55	8.925	13.32
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	38	0.025	0.051	0.18	0.01	0.003	0.05	0.01	0.01	0.08	0.131
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/77-10/01/84	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/77-10/01/86	15	70.	70.133	77.	62.	20.41	4.518	63.8	66.	74.	75.8
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/77-10/01/86	15	0.1	0.104	0.2	0.07	0.001	0.028	0.082	0.1	0.1	0.14
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/77-10/01/86	15	0.15	0.201	0.78	0.03	0.034	0.183	0.054	0.1	0.21	0.534
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	12	0.465	11.382	130.	0.31	1395.484	37.356	0.313	0.37	0.97	91.333
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	12	19.29	31.402	65.6	13.28	465.351	21.572	13.421	14.36	55.988	64.871
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/77-10/01/86	15	0.04	0.038	0.11	0.001	0.001	0.03	0.006	0.01	0.05	0.092
79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/77	8	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	38	0.53	0.598	2.5	0.1	0.253	0.503	0.1	0.1	0.87	1.112
79182	PCB-1248 TISDRYWTMG/KG	10/01/77-10/01/86	15	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	20	0.4	0.55	3.	0.1	0.49	0.7	0.1	0.1	0.475	1.5
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	3	2.2	2.9	4.7	1.8	2.47	1.572	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/81-10/01/86	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/81-10/01/86	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	38	0.17	0.166	0.38	0.02	0.007	0.084	0.04	0.108	0.223	0.301
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	0.3	0.26	0.41	0.07	0.03	0.173	**	**	**	**
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	38	0.1	0.098	0.43	0.01	0.006	0.078	0.01	0.038	0.13	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0479

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0479

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	35	1.2	1.491	4.2	0.2	1.143	1.069	0.26	0.7	2.1	3.18
00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	35	14.	13.766	20.	6.6	11.571	3.402	8.5	11.5	17.	18.58
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/77-10/01/86	15	0.1	0.101	0.2	0.03	0.004	0.062	0.03	0.05	0.15	0.194
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/77-10/01/86	15	0.42	0.437	0.67	0.3	0.008	0.091	0.318	0.37	0.49	0.574
34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	38	0.02	0.03	0.13	0.01	0.001	0.024	0.01	0.02	0.033	0.052
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	35	0.01	0.01	0.02	0.01	0.	0.002	0.01	0.01	0.01	0.01
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	38	0.01	0.011	0.03	0.01	0.	0.004	0.01	0.01	0.01	0.01
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/77-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	31	0.1	0.173	0.56	0.1	0.017	0.13	0.1	0.1	0.2	0.4
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	15	0.03	0.034	0.09	0.01	0.001	0.024	0.01	0.01	0.04	0.084
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/77-10/01/86	15	0.01	0.017	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.034
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/77-10/01/86	15	0.02	0.018	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/77-10/01/86	15	0.04	0.037	0.07	0.01	0.	0.018	0.01	0.02	0.05	0.064
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	22	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	38	5.75	6.524	17.9	0.4	17.447	4.177	1.98	3.55	8.925	13.32
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	38	0.025	0.051	0.18	0.01	0.003	0.05	0.01	0.01	0.08	0.131
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/77-10/01/84	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/77-10/01/86	15	70.	70.133	77.	62.	20.41	4.518	63.8	66.	74.	75.8
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/77-10/01/86	15	0.1	0.104	0.2	0.07	0.001	0.028	0.082	0.1	0.1	0.14
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/77-10/01/86	15	0.15	0.201	0.78	0.03	0.034	0.183	0.054	0.1	0.21	0.534
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	12	0.465	11.382	130.	0.31	1395.484	37.356	0.313	0.37	0.97	91.333
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/79-10/01/86	12	19.29	31.402	65.6	13.28	465.351	21.572	13.421	14.36	55.988	64.871
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/77-10/01/86	15	0.04	0.038	0.11	0.001	0.001	0.03	0.006	0.01	0.05	0.092
79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	38	0.53	0.598	2.5	0.1	0.253	0.503	0.1	0.1	0.87	1.112
79182	PCB-1248 TISDRYWTMG/KG	10/01/77-10/01/86	15	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	20	0.4	0.55	3.	0.1	0.49	0.7	0.1	0.1	0.475	1.5
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	38	0.17	0.166	0.38	0.02	0.007	0.084	0.04	0.108	0.223	0.301
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	38	0.1	0.098	0.43	0.01	0.006	0.078	0.01	0.038	0.13	0.18
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/79-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0480

NPS Station ID: GWMP0480
LAT/LON: 39.000005/ -77.250005
Agency: 11121OWQ
Date Created: / /
Location: POTOMAC R. AT GREAT FALLS, MD.
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CB03 /GF01 /GF02 /CB3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 1.850
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010062200.00
RF3 Mile Point: 1.49
Distance from RF3: 1.53
On/Off RF3:
Description:
POTOMAC RIVER AT GREAT FALLS, MARYLAND. USGS STATION NO. - 01646500. ACTIVATION DATE - JULY 1969 AS A PART OF THE SAMPLING NETWORK FOR THE CHESAPEAKE BAY NUTRIENT INPUT STUDY. SAMPLED AND ANALYZED BY U.S. ARMY.

Parameter Inventory for Station: GWMP0480

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/70-09/09/70	38	8.25	11.75	26.5	-1.	93.605	9.675	0.9	4.	22.625	25.05
00060	FLOW, STREAM, MEAN DAILY CFS	02/17/69-09/09/70	103	6060.	10203.204	85700.	572.	133581740.301	11557.757	2699.8	3780.	12400.	24880.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/17/69-09/09/70	134	0.125	0.182	1.3	0.001	0.033	0.181	0.04	0.058	0.238	0.38
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/03/69-04/20/70	61	0.484	0.54	1.633	0.062	0.095	0.309	0.19	0.356	0.662	0.926
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/69-09/09/70	133	0.672	0.803	7.32	0.034	0.552	0.743	0.246	0.416	1.029	1.381
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/17/69-09/09/70	133	0.97	0.93	2.25	0.03	0.287	0.536	0.144	0.41	1.39	1.58
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/17/69-09/09/70	133	0.38	0.464	2.84	0.14	0.125	0.353	0.23	0.29	0.525	0.68
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/24/69-08/12/70	84	0.13	0.155	0.56	0.02	0.012	0.109	0.07	0.1	0.17	0.21
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/69-09/09/70	107	0.18	0.217	0.9	0.007	0.03	0.175	0.078	0.12	0.23	0.382
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/69-09/09/70	66	6.25	6.427	19.4	0.4	12.7	3.564	2.55	4.	7.95	11.16
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/06/70-01/21/70	2	8.05	8.05	9.2	6.9	2.645	1.626	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/06/70-09/09/70	23	8.8	13.461	52.8	5.6	133.094	11.537	6.16	7.5	13.8	34.1
01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0480

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GWMP0480

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1	33.	33.	33.	33.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0480

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	133	0	0.00	42	0	0.00	44	0	0.00	47	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0480

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GWMP0480

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03									0&	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	1	1.00	1	1	1.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0481

NPS Station ID: GWMP0481
LAT/LON: 39.000005/ -77.250005
Agency: 1113PPWQ
Date Created: / /
Location: POTOMAC R. AT GREAT FALLS PARK
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 097 /097 /POTO-MP6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 1.850
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008001405.69
RF3 Mile Point: 5.94
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0481

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/69-08/18/69	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/69-08/18/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	08/18/69-08/18/69	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	1.288	1.288	2.55	0.025	3.188	1.785	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	1.302	1.302	1.588	1.016	0.164	0.404	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	1.08	1.08	1.32	0.84	0.115	0.339	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	83950.	83950.	160900.	7000.	11842605000.	108823.734	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	4.526	4.526	5.207	3.845	0.927	0.963	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			33560.393								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	7190.	7190.	10900.	3480.	27528200.	5246.732	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	3.79	3.79	4.037	3.542	0.123	0.351	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6158.896								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/18/69-08/18/69	1	58.5	58.5	58.5	58.5	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	0.42	0.42	0.54	0.3	0.029	0.17	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0481

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0482

NPS Station ID: GWMP0482
LAT/LON: 39.000837/ -77.248892
Agency: 112WRD
Date Created: / /
Location: POTOMAC R AT GREAT FALLS, MD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01645500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070008001305.08
RF3 Mile Point: 5.08
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0482

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/73-01/24/80	5	3.5	4.26	7.3	3.	3.013	1.736	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	01/08/73-01/15/73	4	16250.	16225.	20900.	11500.	15769166.667	3971.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/08/73-01/15/73	4	13.	13.5	20.	8.	25.	5.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/08/73-01/15/73	4	5.	5.25	8.	3.	4.25	2.062	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/08/73-01/15/73	4	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-01/24/80	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/09/73-01/24/80	2	9.35	9.35	13.	5.7	26.645	5.162	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/09/73-01/09/73	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/08/73-01/15/73	4	7.7	7.75	7.9	7.7	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/08/73-01/15/73	4	7.7	7.742	7.9	7.7	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/73-01/15/73	4	0.02	0.018	0.02	0.013	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/08/73-01/15/73	4	57.5	59.25	67.	55.	28.25	5.315	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/10/73-01/10/73	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/80-01/24/80	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/09/73-01/24/80	2	0.07	0.07	0.079	0.06	0.	0.013	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-01/24/80	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/80-01/24/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/24/80-01/24/80	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/24/80-01/24/80	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-01/24/80	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/24/80-01/24/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/10/73-01/10/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/80-01/24/80	1	0.067	0.067	0.067	0.067	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/80-01/24/80	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/08/73-01/15/73	4	80.	81.5	90.	76.	38.333	6.191	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/08/73-01/15/73	4	22.	22.25	24.	21.	2.25	1.5	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/73-01/09/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/24/80-01/24/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/08/73-01/15/73	4	2450.	2900.	6000.	700.	6553333.333	2559.948	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/08/73-01/15/73	4	3.278	3.295	3.778	2.845	0.215	0.464	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1971.914								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/15/73	3	300.	520.	1200.	60.	361200.	600.999	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/15/73	3	2.477	2.445	3.079	1.778	0.424	0.651	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			278.495								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0482

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/10/73-01/10/73	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/10/73-01/10/73	1	3.602	3.602	3.602	3.602	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4000.								
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	01/24/80-01/24/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/09/73-01/24/80	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/24/80-01/24/80	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/24/80-01/24/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0482

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	2	0.50				4	2	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67				3	2	0.67						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0483

NPS Station ID: GWMP0483
LAT/LON: 39.001976/ -77.249809
Agency: 21MDEXP
Date Created: 10/11/80
Location: FOOT BRIDGE AT GREAT FALLS
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT1271
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 2.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003112.58
RF3 Mile Point: 14.02
Distance from RF3: 0.01
On/Off RF3:
Description:
02-14-02-02 POTOMAC RIVER MONTGOMERY CO. AREA DRG. (CHAIN BRIDGE TO FRED ./MONT. COUNTY LINE)
POTOMAC RIVER RIVER MILE IS 127.10 RECEIVING TRIBUTARY IS CHESAPEAKE BAY
FOOT BRIDGE AT GREAT FALLS

Parameter Inventory for Station: GWMP0483

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0484

NPS Station ID: GWMP0484
LAT/LON: 39.003060/ -77.314170
Agency: 12NSS
Date Created: 10/22/88
Location: NO NAME
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 2B042064U /2BN2B042064U
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 105
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 28.90
On/Off RF1:
RF3 Index: 02070008006602.58
RF3 Mile Point: 3.16
Distance from RF3: 0.07
On/Off RF3:
Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN:

Parameter Inventory for Station: GWMP0484

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/86-04/09/86	2	12.7	12.7	13.5	11.9	1.28	1.131	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/25/86-04/09/86	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/25/86-04/09/86	2	27.5	27.5	40.	15.	312.5	17.678	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/86-04/09/86	2	95.	95.	100.	90.	50.	7.071	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/86-04/09/86	2	9.95	9.95	10.6	9.3	0.845	0.919	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/86-04/09/86	2	6.55	6.55	6.6	6.5	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/86-04/09/86	2	6.547	6.547	6.6	6.5	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/86-04/09/86	2	0.284	0.284	0.316	0.251	0.002	0.046	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/86-04/09/86	2	483.35	483.35	509.	457.7	1315.845	36.275	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/86-04/09/86	2	24.5	24.5	29.	20.	40.5	6.364	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/25/86-04/09/86	2	0.054	0.054	0.064	0.043	0.	0.015	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/86-04/09/86	2	4.85	4.85	6.5	3.2	5.445	2.333	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/86-04/09/86	2	6.45	6.45	6.9	6.	0.405	0.636	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/86-04/09/86	2	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/86-04/09/86	2	2.25	2.25	2.3	2.2	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/86-04/09/86	2	5.265	5.265	5.49	5.04	0.101	0.318	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/86-04/09/86	2	3.26	3.26	4.16	2.36	1.62	1.273	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/86-04/09/86	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/86-04/09/86	2	3.	3.	3.1	2.9	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/86-04/09/86	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/86-04/09/86	2	15.15	15.15	16.4	13.9	3.125	1.768	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/86-04/09/86	2	418.25	418.25	620.6	215.9	81891.045	286.166	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/86-04/09/86	2	578.	578.	675.	481.	18818.	137.179	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/86-04/09/86	2	11.55	11.55	11.8	11.3	0.125	0.354	**	**	**	**
71885	IRON (UG/L AS FE)	03/25/86-04/09/86	2	159.385	159.385	163.88	154.89	40.41	6.357	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/86-04/09/86	2	345.	345.	345.	345.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/86-04/09/86	2	17.75	17.75	22.	13.5	36.125	6.01	**	**	**	**
83509	STREAM, WIDTH METER	03/25/86-04/09/86	2	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0484

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50				1	1	1.00	1	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0485

NPS Station ID: GWMP0485
LAT/LON: 39.005003/ -77.255838
Agency: 1110NET
Date Created: 06/03/64
Location: POTOMAC RIVER AT GREAT FALLS
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 230040 /POTO-MP6 /01646500 /GS GAGE
RMI-Indexes: 0214001
Within Park Boundary: Yes
RMI-Miles: 0016.42
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 2.240
Distance from RF1: 6.80
On/Off RF1: OFF
RF3 Index: 02070008059500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.39
On/Off RF3:
Description:
ACTIVATION DATE' OCT.14, 1957. SAMPLED BY' U.S.ARMY CORPS OF ENGINEERS. FIELD ANALYSIS BY' U.S.ARMY CORPS OF ENGINEERS. OTHER COOPERATING AGEN-CIES' MARYLAND STATE DEPT. OF HEALTH. NEAREST PERTINENT GAGING STATION' NEAR WASHINGTON, D.C., OPERATED BY U.S.G.S. DRAINAGE AREA AT GAGING STATION' 11,560 SQUARE MILES. PERIOD OF RECORD' 1930 TO PRESENT.REMARKS'

Parameter Inventory for Station: GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	785	14.3	13.673	33.3	0.	86.008	9.274	1.1	4.4	22.	26.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	454	4980.	9483.062	98400.	433.	152272204.429	12339.862	1315.	2150.	11600.	25300.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	757	18.	45.189	900.	4.	5440.615	73.761	11.	12.5	44.	100.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-12/14/71	29	27.	45.655	400.	5.	6134.305	78.322	6.	12.	40.5	80.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	694	8.	10.117	100.	2.	76.763	8.761	5.	6.	10.	17.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/01/68-01/05/70	15	270.	282.733	472.	165.	7157.781	84.604	189.6	208.	355.	428.8
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	783	9.	9.37	16.	0.4	6.033	2.456	6.28	7.4	11.6	12.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/01/62-08/01/67	24	85.5	85.75	100.	62.	70.457	8.394	75.	81.5	91.75	96.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	779	2.	2.506	21.8	0.	2.978	1.726	1.	1.4	3.2	4.4
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	568	15.	16.065	88.	2.	57.636	7.592	8.7	12.	19.	23.02
00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	122	17.	18.689	71.	5.	67.043	8.188	12.	14.	22.	25.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	349	2.	2.307	7.1	0.4	1.056	1.028	1.3	1.6	2.7	3.7
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	343	5.2	5.313	11.1	2.2	2.191	1.48	3.5	4.3	6.2	7.2
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	786	8.	8.085	9.6	2.4	0.194	0.441	7.7	7.8	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	786	8.	5.294	9.6	2.4	7.989	2.826	7.7	7.8	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	786	0.01	5.076	3981.072	0.	20163.921	142.	0.002	0.005	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	772	68.	67.46	125.	7.	418.513	20.458	40.3	51.	81.	94.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/68-04/07/69	17	67.	77.059	120.	49.	609.559	24.689	53.	55.	97.	120.
00500	RESIDUE, TOTAL (MG/L)	10/01/61-03/02/70	58	159.	195.172	1424.	96.	29428.847	171.548	121.3	137.5	207.	261.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	642	160.	167.509	350.	78.	2565.292	50.649	111.3	132.	188.	240.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	169	39.	62.355	406.	5.	4243.897	65.145	18.	30.5	60.5	151.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	387	0.1	0.096	1.	0.	0.006	0.075	0.01	0.06	0.1	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-01/05/70	43	1.	0.939	2.3	0.05	0.396	0.63	0.05	0.3	1.3	1.8
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	46	1.	1.107	6.4	0.05	1.02	1.01	0.2	0.475	1.625	1.9
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-09/05/66	13	0.1	0.242	0.8	0.05	0.058	0.241	0.05	0.05	0.35	0.72
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	123	0.1	0.096	0.33	0.	0.004	0.065	0.03	0.04	0.11	0.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	387	0.1	0.136	1.2	0.	0.011	0.106	0.1	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/07/64-01/05/70	42	0.07	0.087	0.22	0.02	0.003	0.056	0.03	0.04	0.12	0.187
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-01/05/70	43	0.01	0.02	0.07	0.005	0.	0.018	0.005	0.005	0.03	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/65-01/05/70	39	4.6	5.015	17.	2.	7.906	2.812	2.4	3.	5.6	9.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-06/09/69	30	2.6	3.39	13.	1.1	5.353	2.314	1.71	2.	4.2	5.89

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	718	104.	104.93	188.	10.	734.31	27.098	70.	86.	122.5	140.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-01/01/69	12	8.75	11.575	27.	5.	58.188	7.628	5.21	6.	16.5	26.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/01/69	12	2.45	2.567	3.8	1.7	0.539	0.734	1.73	1.9	3.25	3.68
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	702	11.	14.752	1420.	3.	2860.968	53.488	6.	8.	15.	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	695	31.	38.767	130.	0.1	415.182	20.376	22.	26.	45.	70.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-01/01/69	11	0.12	0.13	0.29	0.02	0.007	0.082	0.026	0.07	0.18	0.28
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-01/01/69	12 ##	16.75	16.458	25.	5.	45.521	6.747	6.2	11.5	23.25	25.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-01/01/69	12	28.	29.75	57.	14.	122.386	11.063	14.9	24.25	34.75	51.3
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-01/01/69	12 ##	0.025	0.023	0.04	0.01	0.	0.009	0.01	0.016	0.029	0.037
01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-01/01/69	12	34.	37.917	71.	5.	327.356	18.093	10.4	27.25	50.	68.3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-01/01/69	12 ##	3.25	4.625	10.	1.	9.051	3.009	1.3	2.5	7.75	9.55
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-01/01/69	12 ##	1.25	2.042	5.	0.5	2.43	1.559	0.5	1.	3.75	4.7
01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-01/01/69	12 ##	2.5	3.167	8.	1.	3.833	1.958	1.	2.125	3.875	7.25
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-01/01/69	12	6.	5.417	11.	1.	8.992	2.999	1.	3.25	7.	10.4
01045	IRON, TOTAL (UG/L AS FE)	10/01/62-01/01/69	12	5.	15.792	123.	1.	1180.703	34.361	1.	2.25	7.	93.6
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-01/01/69	12 ##	6.5	10.125	25.	2.5	58.278	7.634	2.65	4.5	16.	23.8
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-01/01/69	12 ##	1.325	1.45	2.4	0.25	0.389	0.623	0.415	1.15	2.038	2.31
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-01/01/69	12 ##	8.5	13.208	34.	2.5	113.748	10.665	3.1	6.	20.5	33.4
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-01/01/69	12 ##	2.75	3.417	8.	0.5	4.674	2.162	0.65	2.125	5.125	7.4
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-01/01/69	12 ##	27.25	37.375	91.	2.5	983.642	31.363	3.55	11.625	72.5	85.9
01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-01/01/69	12 ##	0.25	0.346	0.8	0.15	0.033	0.181	0.165	0.25	0.475	0.71
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-01/01/69	12	85.5	105.667	190.	40.	2278.061	47.729	47.2	71.75	157.	183.4
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-01/01/69	12 ##	5.25	6.333	16.	1.	16.379	4.047	1.45	4.5	7.75	14.65
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-01/01/69	12	10.5	10.708	20.	2.5	21.657	4.654	3.25	8.	13.75	18.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-01/01/69	11	23.	35.909	136.	1.	1360.691	36.888	2.6	12.	46.	118.6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	11/04/57-03/02/70	93	0.	1.161	15.	0.	5.485	2.342	0.	0.	1.	3.
01502	ALPHA, TOTAL, COUNTING ERROR	11/04/57-03/02/70	69	0.	0.58	5.	0.	0.688	0.83	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	93	0.	0.462	12.	0.	2.338	1.529	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/04/57-03/02/70	69	0.	0.362	1.	0.	0.234	0.484	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	93	0.	0.699	13.	0.	3.213	1.792	0.	0.	1.	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	11/04/57-03/02/70	69	0.	0.478	5.	0.	0.694	0.833	0.	0.	1.	1.
01507	ALPHA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	02/02/70-03/02/70	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
01508	ALPHA, GROSS IN SEDIMENT, COUNTING ERROR	02/02/70-04/03/70	3	3.	3.	3.	3.	0.	0.	**	**	**	**
03501	BETA, TOTAL	11/04/57-04/03/70	218	19.	28.33	213.	0.	1160.978	34.073	0.	7.	34.25	70.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	172	10.	8.622	20.	0.	14.248	3.775	4.	8.	10.	10.
03503	BETA, DISSOLVED	11/04/57-04/03/70	218	13.	16.826	203.	0.	439.094	20.955	0.	4.	21.	39.
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	172	8.	7.424	10.	0.	9.766	3.125	3.	6.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	218	5.	11.505	174.	0.	455.412	21.34	0.	0.	13.	26.2
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	172	6.5	6.901	20.	0.	15.481	3.935	0.	4.	10.	10.
03507	BETA, GROSS IN SEDIMENT (PC/G OF DRY SOLIDS)	02/02/70-04/03/70	3	161.	167.667	181.	161.	133.333	11.547	**	**	**	**
03508	BETA, GROSS IN SEDIMENT, COUNTING ERROR	02/02/70-04/03/70	3	24.	24.	25.	23.	1.	1.	**	**	**	**
13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	16	1.	1.163	2.5	0.3	0.493	0.702	0.37	0.6	1.625	2.43
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/71-09/19/72	26	23800.	41754.231	274500.	20.	5048892041.385	71055.556	291.	2900.	39500.	134000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/20/71-09/19/72	26	4.376	4.007	5.439	1.301	1.006	1.003	2.463	3.435	4.597	5.04
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10167.933								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	474	600.	3870.694	175000.	5.	195674923.481	13988.385	60.	160.	2125.	5850.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	474	2.778	2.791	5.243	0.699	0.659	0.812	1.778	2.204	3.327	3.767
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			617.559								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	68	222.	1918.	38325.	2.	34180629.224	5846.42	5.	30.25	1217.5	4217.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	68	2.346	2.284	4.583	0.301	1.115	1.056	0.699	1.47	3.082	3.624
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			192.327								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/01/67-08/01/68	11	1.	16.186	87.	0.06	1040.736	32.26	0.066	0.1	9.	84.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/01/67-08/01/68	11	0.	0.135	1.94	-1.222	1.221	1.105	-1.187	-1.	0.954	1.927
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.364								
32000	SAMPLE SIZE (LITERS)	10/12/66-07/14/70	38	13989.	13759.368	18930.	2785.	10343025.969	3216.058	9779.8	11853.	16061.	17305.
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	155	4029.	3934.187	6404.	1076.	719224.958	848.071	2991.	3329.	4422.	5169.6
32002	SAMPLE SIZE (MILLILITERS)	03/16/71-04/06/71	2	4269.5	4269.5	4829.	3710.	626080.5	791.252	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	161	226.	276.851	3923.	93.	94400.215	307.246	157.2	186.5	304.	365.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	161	143.	174.379	2761.	26.	47737.837	218.49	91.	113.	189.5	245.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	161	88.	102.435	1162.	39.	9000.372	94.87	53.4	64.	111.	158.8
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	64	4.	4.203	13.	0.	8.958	2.993	1.	2.	5.	9.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	64	22.5	21.891	38.	9.	54.035	7.351	11.	17.	26.75	32.
32023	ACIDS, STRONG	10/14/57-10/22/63	64	7.	7.	16.	2.	12.476	3.532	3.	4.	9.	12.
32024	ACIDS, WEAK	10/14/57-10/22/63	64	9.5	8.875	16.	3.	9.254	3.042	4.5	6.25	11.	13.
32025	BASES	10/14/57-10/22/63	64	2.	1.656	4.	0.	0.642	0.801	1.	1.	2.	3.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	64	24.	23.469	46.	11.	43.872	6.624	13.	20.25	26.	29.5
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	64	2.	1.859	5.	0.	1.329	1.153	1.	1.	2.	3.5
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	64	2.	1.906	6.	1.	1.039	1.019	1.	1.	2.	3.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	64	19.	18.234	38.	7.	32.881	5.734	10.	14.5	21.	23.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-04/01/68	46	0.05	0.05	0.09	0.01	0.	0.02	0.02	0.038	0.06	0.08
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/07/58-09/29/67	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.001	0.002	0.012	0.	0.	0.003	0.	0.	0.002	0.007
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.001	0.001	0.002	0.	0.	0.001	0.	0.	0.001	0.002
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.	0.003	0.038	0.	0.	0.01	0.	0.	0.001	0.016
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	16	0.002	0.005	0.04	0.	0.	0.01	0.	0.001	0.003	0.023
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.	0.006	0.094	0.	0.001	0.024	0.	0.	0.	0.038
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.	0.001	0.007	0.	0.	0.002	0.	0.	0.001	0.004
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/01/67	91	1500.	10957.143	338100.	0.	1434709587.302	37877.56	200.	500.	6600.	22420.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	91	0.	53.407	1560.	0.	45780.488	213.964	0.	0.	20.	106.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	91	0.	40.11	1410.	0.	30183.321	173.733	0.	0.	0.	66.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/01/67	91	260.	1787.033	30110.	0.	17116216.654	4137.175	0.	20.	1530.	5144.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/01/67	91	0.	0.22	20.	0.	4.396	2.097	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-11/01/67	91	70.	196.813	1880.	0.	114226.398	337.974	0.	0.	180.	630.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-11/01/67	91	0.	27.143	590.	0.	6945.079	83.337	0.	0.	10.	70.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/02/61-05/30/67	87	31.	38.391	97.	8.	604.218	24.581	11.	18.	54.	74.6
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/03/66-05/30/67	4	18.5	16.75	20.	10.	22.25	4.717	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/03/66-05/30/67	4	7.5	8.25	14.	4.	21.583	4.646	**	**	**	**
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/03/66-05/30/67	4	6.	5.5	7.	3.	3.667	1.915	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-05/30/67	4	27.	30.25	58.	9.	584.917	24.185	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-11/01/67	91	410.	8163.626	330000.	0.	1299849107.814	36053.42	20.	70.	3810.	12216.
60600	DIATOMS, PENNATE (/ML)	10/02/61-11/01/67	91	340.	690.659	7650.	0.	1286321.783	1134.161	20.	90.	900.	1512.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-11/01/67	9	480.	984.444	2890.	0.	959852.778	979.721	0.	360.	1800.	2890.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/01/67	9	310.	1031.111	6660.	0.	4498061.111	2120.863	0.	190.	620.	6660.
60820	PROTOZOA, TOTAL (/ML)	10/02/61-09/17/62	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60850	ROTIFERS, TOTAL (/LITER)	10/02/61-04/15/63	38	0.	4.474	58.	0.	142.797	11.95	0.	0.	2.25	16.2
60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-04/15/63	38	0.	0.211	3.	0.	0.495	0.704	0.	0.	0.	1.
60950	NEMATODES, TOTAL (/LITER)	10/02/61-04/15/63	38	0.	0.053	1.	0.	0.051	0.226	0.	0.	0.	0.
60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-04/15/63	38	0.	0.184	4.	0.	0.533	0.73	0.	0.	0.	0.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/69-12/30/69	34	197.5	203.294	306.	154.	1283.85	35.831	158.	175.75	225.75	257.
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/02/66-05/30/67	3	7200.	14400.	28800.	7200.	155520000.	12470.766	**	**	**	**
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/02/66-05/30/67	3	3600.	2700.	3600.	900.	2430000.	1558.846	**	**	**	**
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/02/66-05/30/67	3	1800.	1275.	1800.	225.	826875.	909.327	**	**	**	**
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/02/66-05/30/67	2	1350.	1350.	1800.	900.	405000.	636.396	**	**	**	**
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/02/66-05/30/67	2	450.	450.	450.	450.	0.	0.	**	**	**	**
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/02/66-05/30/67	2	450.	450.	450.	450.	0.	0.	**	**	**	**
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/02/66-05/30/67	2	225.	225.	225.	225.	0.	0.	**	**	**	**
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	05/30/67-05/30/67	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	05/30/67-05/30/67	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	05/30/67-05/30/67	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/02/66-05/30/67	3	71.	75.667	88.	68.	116.333	10.786	**	**	**	**
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/02/66-05/30/67	3	68.	54.667	71.	25.	662.333	25.736	**	**	**	**
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/02/66-05/30/67	3	72.	66.667	77.	51.	190.333	13.796	**	**	**	**
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/02/66-05/30/67	2	60.5	60.5	77.	44.	544.5	23.335	**	**	**	**
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/02/66-05/30/67	2	48.	48.	71.	25.	1058.	32.527	**	**	**	**
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/02/66-05/30/67	2	29.	29.	34.	24.	50.	7.071	**	**	**	**
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/02/66-05/30/67	2	47.5	47.5	51.	44.	24.5	4.95	**	**	**	**
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	05/30/67-05/30/67	1	84.	84.	84.	84.	0.	0.	**	**	**	**
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	05/30/67-05/30/67	1	88.	88.	88.	88.	0.	0.	**	**	**	**
71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	05/30/67-05/30/67	1	85.	85.	85.	85.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0485

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	757	174	0.23	255	59	0.23	307	76	0.25	195	39	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	783	4	0.01	263	3	0.01	321	1	0.00	199	0	0.00			
00400	PH	Other-Hi Lim.	9.	786	25	0.03	264	11	0.04	323	2	0.01	199	12	0.06			
		Other-Lo Lim.	6.5	786	1	0.00	264	0	0.00	323	1	0.00	199	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	43	0	0.00	12	0	0.00	19	0	0.00	12	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	702	1	0.00	238	1	0.00	285	0	0.00	179	0	0.00			
		Drinking Water	250.	702	1	0.00	238	1	0.00	285	0	0.00	179	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	695	0	0.00	242	0	0.00	277	0	0.00	176	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	50.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	4.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6 &	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	5.	7 &	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	1300.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	15.	11 &	3	0.27	5	1	0.20	2	0	0.00	4	2	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	100.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	5000.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	21	0.81	8	8	1.00	5	5	1.00	13	8	0.62			
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	474	194	0.41	161	42	0.26	184	71	0.39	129	81	0.63			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	68	17	0.25	21	2	0.10	29	9	0.31	18	6	0.33			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	161	0	0.00	57	0	0.00	62	0	0.00	42	0	0.00			
		Drinking Water	100.	161	160	0.99	57	56	0.98	62	62	1.00	42	42	1.00			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	161	0	0.00	57	0	0.00	62	0	0.00	42	0	0.00			
		Drinking Water	100.	161	59	0.37	57	29	0.51	62	13	0.21	42	17	0.40			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
		Drinking Water	100.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
		Drinking Water	100.	64	0	0.00	21	0	0.00	25	0	0.00	18	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	15	0	0.00	14	0	0.00				1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	14	0	0.00	13	0	0.00				1	0	0.00			
		Drinking Water	0.2	14	0	0.00	13	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	15	0	0.00	14	0	0.00				1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	15	0	0.00	14	0	0.00				1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	15	0	0.00	14	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	16	0	0.00	15	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	15	0	0.00	14	0	0.00				1	0	0.00			
		Drinking Water	2.	15	0	0.00	14	0	0.00				1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	15	0	0.00	14	0	0.00				1	0	0.00			
		Drinking Water	0.4	15	0	0.00	14	0	0.00				1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00	13	0	0.00				1	0	0.00			
		Drinking Water	0.2	14	0	0.00	13	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1957 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	5	4.	4.12	8.	1.1	6.147	2.479	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	11	2820.	6596.364	27300.	1790.	60397405.455	7771.577	1830.	2130.	9450.	24420.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	5	80.	77.6	180.	8.	4601.3	67.833	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	5	20.	33.2	80.	10.	811.2	28.482	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	5	11.6	11.76	13.6	10.4	1.408	1.187	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	5	3.8	3.48	4.6	2.2	1.252	1.119	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	5	20.6	20.74	28.	11.4	52.718	7.261	**	**	**	**
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	5	6.	5.44	7.1	3.1	2.858	1.691	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	5	7.1	6.58	8.9	4.	3.447	1.857	**	**	**	**
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	5	7.6	7.64	8.	7.2	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	5	7.6	7.545	8.	7.2	0.114	0.338	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	5	0.025	0.028	0.063	0.01	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	5	39.	42.8	72.	24.	338.7	18.404	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	5	128.	133.8	175.	82.	1265.2	35.57	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	5	0.07	0.086	0.16	0.02	0.003	0.055	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	5	80.	77.2	118.	48.	729.2	27.004	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	5	10.	10.2	14.	6.	9.2	3.033	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	5	27.	25.4	43.	14.	133.3	11.546	**	**	**	**
01501	ALPHA, TOTAL	11/04/57-03/02/70	8	0.	1.875	12.	0.	17.268	4.155	**	**	**	**
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	8	0.	1.5	12.	0.	18.	4.243	**	**	**	**
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	8	0.	0.375	2.	0.	0.554	0.744	**	**	**	**
03501	BETA, TOTAL	11/04/57-04/03/70	8	13.5	24.375	81.	4.	646.554	25.427	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	8	10.	10.	10.	10.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	11/04/57-04/03/70	8	5.5	14.	65.	0.	479.429	21.896	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	8	10.	10.	10.	10.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	11/04/57-04/03/70	8	7.	10.375	32.	0.	103.696	10.183	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	7	130.	120.429	220.	13.	5591.286	74.775	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	7	2.114	1.957	2.342	1.114	0.179	0.423	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			90.565								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	2	5481.	5481.	5876.	5086.	312050.	558.614	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	2	207.	207.	210.	204.	18.	4.243	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	2	150.	150.	153.	147.	18.	4.243	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	2	57.	57.	63.	51.	72.	8.485	**	**	**	**
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	2	1.	1.	1.	1.	0.	0.	**	**	**	**
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
32023	ACIDS, STRONG	10/14/57-10/22/63	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
32024	ACIDS, WEAK	10/14/57-10/22/63	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
32025	BASES	10/14/57-10/22/63	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	2	25.	25.	32.	18.	98.	9.899	**	**	**	**
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	2	16.5	16.5	21.	12.	40.5	6.364	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	52	14.4	12.565	26.7	0.	84.717	9.204	0.	3.3	20.975	24.47
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	53	5530.	10622.264	47000.	1330.	129714814.006	11389.241	1820.	2210.	14550.	29500.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	52	18.	38.904	260.	4.	2732.324	52.272	10.	12.5	35.	108.5
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	52	15.	15.596	50.	5.	88.991	9.433	10.	10.	15.	25.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	51	9.	9.8	14.7	4.8	7.903	2.811	6.64	7.2	12.4	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	51	2.4	2.747	6.4	0.4	2.382	1.543	0.84	1.4	4.	5.12
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	52	11.2	12.012	24.7	2.4	23.118	4.808	6.35	8.525	14.9	19.59
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	52	2.45	2.875	5.8	1.1	1.389	1.179	1.7	1.9	3.95	4.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	51	5.	4.904	7.9	3.	1.124	1.06	3.6	4.1	5.6	6.16
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	52	7.9	8.052	9.1	7.5	0.194	0.441	7.6	7.7	8.375	8.77
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	52	7.9	7.89	9.1	7.5	0.221	0.47	7.6	7.7	8.375	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	52	0.013	0.013	0.032	0.001	0.	0.009	0.002	0.004	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	63.	64.769	105.	21.	468.887	21.654	35.8	45.5	83.	95.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	51	150.	147.569	212.	78.	1283.77	35.83	97.2	120.	176.	192.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	52	0.03	0.039	0.12	0.	0.001	0.029	0.01	0.02	0.06	0.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	88.	88.615	140.	34.	652.477	25.544	54.	68.5	107.5	126.2
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	52	6.5	7.596	15.	3.	13.932	3.733	3.	4.	11.	14.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	51	29.	32.588	63.	15.	143.127	11.964	20.	22.	42.	51.4
01501	ALPHA, TOTAL	11/04/57-03/02/70	18	0.5	2.056	15.	0.	14.291	3.78	0.	0.	2.25	7.8
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	18	0.	0.667	7.	0.	2.941	1.715	0.	0.	0.25	2.5
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	18	0.	1.389	13.	0.	10.252	3.202	0.	0.	1.25	5.8
03501	BETA, TOTAL	11/04/57-04/03/70	51	25.	38.255	160.	0.	1274.594	35.701	6.4	14.	60.	94.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	51	10.	10.196	20.	10.	1.961	1.4	10.	10.	10.	10.
03503	BETA, DISSOLVED	11/04/57-04/03/70	51	17.	21.529	92.	0.	423.214	20.572	1.2	7.	30.	51.6
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	51	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	51	8.	16.725	116.	0.	766.803	27.691	0.	1.	15.	57.
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	51	10.	9.412	20.	0.	9.647	3.106	10.	10.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	47	570.	953.638	4800.	26.	1117350.584	1057.048	65.6	130.	1600.	2400.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	47	2.756	2.652	3.681	1.415	0.363	0.602	1.816	2.114	3.204	3.38
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			448.641								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	12	5320.5	5425.833	6404.	5181.	107136.152	327.317	5182.5	5266.25	5475.25	6130.7
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	12	200.5	190.75	226.	141.	845.841	29.083	144.3	159.25	215.	224.5
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	12	124.	128.667	186.	94.	720.424	26.841	95.8	105.75	148.5	176.7
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	12	57.5	62.083	98.	40.	360.811	18.995	40.3	48.5	74.75	96.8
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	12	2.	2.75	7.	0.	4.75	2.179	0.3	1.	4.75	6.4
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	12	14.	14.333	23.	9.	19.879	4.459	9.3	10.25	17.5	22.4
32023	ACIDS, STRONG	10/14/57-10/22/63	12	4.	4.417	9.	2.	6.265	2.503	2.	2.25	7.	8.7
32024	ACIDS, WEAK	10/14/57-10/22/63	12	5.5	5.75	10.	3.	4.75	2.179	3.3	4.	7.	9.7
32025	BASES	10/14/57-10/22/63	12	1.	1.083	2.	0.	0.265	0.515	0.3	1.	1.	2.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	12	13.	15.667	25.	11.	20.606	4.539	11.3	12.25	19.25	24.1
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	12	1.	1.25	3.	0.	0.568	0.754	0.3	1.	1.75	2.7
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	12	1.	1.333	3.	1.	0.424	0.651	1.	1.	1.75	2.7
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	12	10.	11.75	19.	7.	16.023	4.003	7.3	9.	15.5	18.7

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Annual Analysis for 1959 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	51	15.5	13.996	31.	0.	109.943	10.485	0.08	4.5	24.	27.4
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	53	4550.	6224.774	17200.	724.	22877196.717	4783.011	1622.	2420.	8735.	14480.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	51	18.	41.529	400.	6.	4018.494	63.392	10.	14.	35.	97.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	51	12.	16.922	50.	5.	106.154	10.303	7.2	10.	25.	34.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	51	8.2	8.843	14.3	5.	6.191	2.488	5.92	6.8	11.	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	51	2.	2.492	11.9	0.2	4.028	2.007	0.64	1.2	3.1	4.72
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	50	10.7	11.172	41.	4.9	36.762	6.063	5.91	6.975	13.425	15.16
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	49	2.3	2.48	4.8	0.9	0.893	0.945	1.4	1.75	3.	4.
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	48	5.05	5.421	10.5	2.6	3.108	1.763	3.19	4.3	6.4	7.61
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	51	7.9	7.943	8.9	7.4	0.104	0.323	7.52	7.7	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	51	7.9	7.845	8.9	7.4	0.114	0.338	7.52	7.7	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	51	0.013	0.014	0.04	0.001	0.	0.009	0.004	0.008	0.02	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	51	64.	63.784	107.	37.	290.373	17.04	43.2	49.	78.	86.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	50	138.5	144.42	207.	94.	894.534	29.909	106.2	119.5	168.25	188.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	44	32.	39.659	128.	5.	698.928	26.437	14.	19.25	52.25	78.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	50	0.06	0.069	0.25	0.	0.003	0.051	0.01	0.04	0.1	0.129

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Annual Analysis for 1959 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	51	90.	93.216	140.	58.	454.413	21.317	68.	76.	110.	126.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	50	9.5	10.64	22.	5.	13.786	3.713	6.	8.	13.	15.9
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	50	29.5	31.9	56.	17.	93.194	9.654	22.	24.	37.25	48.8
01501	ALPHA, TOTAL	11/04/57-03/02/70	10	0.	0.2	1.	0.	0.178	0.422	0.	0.	0.25	1.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
03501	BETA, TOTAL	11/04/57-04/03/70	46	18.5	32.109	210.	0.	1728.81	41.579	0.	6.5	47.25	73.7
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	36	10.	7.222	20.	0.	37.778	6.146	0.	0.	10.	13.
03503	BETA, DISSOLVED	11/04/57-04/03/70	46	11.	20.435	203.	0.	1020.385	31.943	0.	2.75	26.5	49.9
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	36	10.	6.389	10.	0.	23.73	4.871	0.	0.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	46	5.5	11.674	103.	0.	329.558	18.154	0.	0.75	13.5	31.6
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	36	10.	5.833	10.	0.	25.	5.	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	38	660.	1095.711	6000.	57.	1408263.509	1186.703	98.	285.	1500.	2630.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	38	2.819	2.803	3.778	1.756	0.246	0.496	1.99	2.453	3.176	3.42
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			635.487								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	10	3148.5	3149.4	3853.	2797.	112200.489	334.963	2798.3	2811.5	3329.75	3810.5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	10	361.5	370.9	502.	291.	3525.211	59.373	294.4	329.5	400.75	494.2
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	10	260.5	255.4	319.	196.	1680.711	40.996	196.9	211.	288.25	316.3
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	10	106.5	115.5	183.	73.	1204.056	34.7	73.6	84.25	139.75	179.2
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	10	6.	6.3	12.	1.	16.9	4.111	1.1	2.	9.75	12.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	10	25.5	26.5	36.	15.	70.944	8.423	15.2	18.5	36.	36.
32023	ACIDS, STRONG	10/14/57-10/22/63	10	8.5	9.5	16.	4.	19.833	4.453	4.1	5.75	15.	15.9
32024	ACIDS, WEAK	10/14/57-10/22/63	10	10.5	11.1	15.	8.	5.433	2.331	8.1	9.75	12.75	15.
32025	BASES	10/14/57-10/22/63	10	2.	2.1	4.	1.	1.433	1.197	1.	1.	3.25	4.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	10	26.	29.	46.	20.	83.778	9.153	20.1	23.25	33.75	45.9
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	1.	1.2	2.	0.	0.4	0.632	0.1	1.	2.	2.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	2.	2.5	6.	1.	2.056	1.434	1.1	2.	2.5	5.8
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	21.	22.8	38.	14.	54.4	7.376	14.2	18.25	26.25	37.5

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Annual Analysis for 1960 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	49	17.7	15.684	30.6	0.	103.727	10.185	1.6	5.25	25.9	27.7
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	50	7080.	11050.	52100.	1880.	132259542.857	11500.415	2055.	2795.	15575.	25720.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	49	21.	51.531	360.	8.	4931.796	70.227	10.	15.5	44.5	170.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	49	9.	12.367	100.	5.	204.279	14.293	5.	7.	10.	25.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	49	8.8	8.861	13.	0.4	6.475	2.545	6.	6.9	11.2	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	49	2.	2.112	4.	0.4	0.951	0.975	0.8	1.35	2.8	3.6
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	48	10.5	12.229	30.	2.	37.372	6.113	5.9	8.	15.5	21.3
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	48	2.	2.16	4.7	0.6	0.753	0.868	1.1	1.6	2.7	3.52
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	48	5.2	5.277	7.8	3.2	1.641	1.281	3.5	4.125	6.375	7.01
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	49	8.1	8.2	9.6	7.6	0.167	0.409	7.8	7.8	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	49	8.1	8.054	9.6	7.6	0.189	0.435	7.8	7.8	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	49	0.008	0.009	0.025	0.	0.	0.006	0.002	0.003	0.016	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	49	65.	64.878	107.	25.	526.943	22.955	37.	41.5	84.	97.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	49	142.	145.551	208.	81.	1060.044	32.558	108.	118.	175.5	190.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	23	36.	54.348	156.	10.	1839.237	42.886	14.8	23.	75.	130.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	48	0.1	0.096	0.2	0.	0.001	0.035	0.09	0.1	0.1	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	49	100.	99.755	188.	52.	781.772	27.96	68.	76.	123.	130.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	49	9.	9.857	20.	6.	9.375	3.062	7.	8.	11.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	49	30.	32.367	47.	24.	34.237	5.851	25.	28.	37.	40.
01501	ALPHA, TOTAL	11/04/57-03/02/70	13	1.	1.077	4.	0.	2.077	1.441	0.	0.	1.5	4.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	13	0.	0.538	4.	0.	1.269	1.127	0.	0.	1.	2.8
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	13	0.	0.538	4.	0.	1.436	1.198	0.	0.	0.5	3.2
03501	BETA, TOTAL	11/04/57-04/03/70	24	0.5	3.75	40.	0.	73.935	8.599	0.	0.	2.	12.

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Annual Analysis for 1960 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03503	BETA, DISSOLVED	11/04/57-04/03/70	24	0.	2.958	28.	0.	41.346	6.43	0.	0.	2.	11.5
03505	BETA, SUSPENDED	11/04/57-04/03/70	24	0.	0.792	12.	0.	6.52	2.553	0.	0.	0.	3.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	35	920.	2296.029	15000.	25.	11753779.087	3428.378	122.4	330.	2600.	8880.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	35	2.964	2.954	4.176	1.398	0.413	0.642	2.081	2.519	3.415	3.948
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			898.922								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	10	3451.	3366.8	3876.	2100.	257549.289	507.493	2194.	3256.75	3717.	3861.3
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	10	305.	302.5	387.	238.	2433.167	49.327	239.	260.	335.	384.8
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	10	203.	208.	262.	163.	1337.333	36.57	163.1	176.75	248.75	261.5
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	10	101.	94.5	141.	60.	602.944	24.555	60.7	72.25	108.5	137.9
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	10	5.	5.8	13.	1.	15.067	3.882	1.1	2.75	9.25	12.7
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	10	24.	23.9	38.	11.	59.656	7.724	11.7	18.75	29.	37.4
32023	ACIDS, STRONG	10/14/57-10/22/63	10	8.5	8.1	16.	2.	15.433	3.929	2.2	4.75	10.	15.4
32024	ACIDS, WEAK	10/14/57-10/22/63	10	10.	9.4	13.	5.	6.933	2.633	5.1	6.75	11.25	12.9
32025	BASES	10/14/57-10/22/63	10	1.5	1.5	2.	1.	0.278	0.527	1.	1.	2.	2.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	10	24.5	25.1	37.	17.	25.878	5.087	17.5	22.75	26.5	36.1
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	2.	1.8	3.	1.	0.4	0.632	1.	1.	2.	2.9
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	2.	1.7	3.	1.	0.456	0.675	1.	1.	2.	2.9
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	18.5	19.8	33.	13.	28.4	5.329	13.4	17.	21.5	32.

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Annual Analysis for 1961 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	54	15.	14.937	33.3	0.5	103.518	10.174	1.15	4.2	24.025	30.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	52	4750.	13051.923	98400.	1540.	418603988.386	20459.814	1989.	2750.	14000.	32550.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	54	15.	33.222	500.	7.	5334.629	73.039	8.5	10.	27.75	42.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	50	7.5	10.98	60.	4.	100.796	10.04	4.1	5.	12.	24.5
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	54	9.1	9.043	12.8	4.4	5.256	2.293	5.9	7.	11.05	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	54	1.6	1.791	8.6	0.2	1.459	1.208	0.75	1.2	2.	2.6
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	50	17.	17.8	67.	5.	78.816	8.878	8.2	14.	20.	25.8
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	50	1.85	1.946	5.5	0.4	0.711	0.843	1.11	1.475	2.2	2.97
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	48	4.95	5.048	9.6	2.6	1.757	1.326	3.49	4.	5.8	6.54
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	54	8.1	8.089	8.9	7.6	0.106	0.325	7.7	7.8	8.3	8.55
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	54	8.1	7.984	8.9	7.6	0.117	0.342	7.7	7.8	8.3	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	54	0.008	0.01	0.025	0.001	0.	0.007	0.003	0.005	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	54	72.	71.185	109.	31.	466.607	21.601	42.5	49.	89.25	103.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	51	147.	149.902	258.	90.	1548.29	39.348	100.	117.	174.	197.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	24	36.5	53.208	323.	24.	3493.998	59.11	29.5	33.	44.75	75.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	51	0.1	0.073	0.2	0.	0.003	0.057	0.	0.	0.1	0.1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	27	0.1	0.126	0.2	0.1	0.002	0.045	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	51	106.	102.549	144.	56.	742.733	27.253	66.	76.	126.	140.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	51	9.	9.51	20.	3.	14.975	3.87	4.2	7.	12.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	51	27.	28.529	40.	20.	34.054	5.836	22.	24.	34.	38.
01501	ALPHA, TOTAL	11/04/57-03/02/70	10	1.	1.3	4.	0.	1.344	1.16	0.	0.75	2.	3.8
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	10	0.5	0.6	2.	0.	0.489	0.699	0.	0.	1.	1.9
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	10	0.	0.7	4.	0.	1.567	1.252	0.	0.	1.	3.7
03501	BETA, TOTAL	11/04/57-04/03/70	24	10.5	22.375	137.	0.	944.505	30.733	0.	0.	37.25	54.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	12	8.5	8.167	10.	6.	2.152	1.467	6.	6.5	9.	10.
03503	BETA, DISSOLVED	11/04/57-04/03/70	24	9.	14.833	86.	0.	396.841	19.921	0.	0.	23.75	41.5
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	12	6.5	6.417	8.	5.	1.174	1.084	5.	5.25	7.	8.
03505	BETA, SUSPENDED	11/04/57-04/03/70	24	4.	7.542	51.	0.	136.259	11.673	0.	0.	9.	22.
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	12	5.	4.833	6.	3.	1.061	1.03	3.3	4.	6.	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	32	315.	2285.313	11000.	10.	10079017.835	3174.747	14.5	76.5	4550.	7480.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	32	2.482	2.635	4.041	1.	0.941	0.97	1.119	1.881	3.656	3.874
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			431.536								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	3	157.	211.333	337.	140.	11916.333	109.162	**	**	**	**

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Annual Analysis for 1961 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	3	2.196	2.29	2.528	2.146	0.043	0.207	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			194.933								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	9	3216.	3338.111	4323.	2934.	177147.861	420.889	2934.	3033.5	3492.5	4323.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	9	288.	276.889	365.	106.	5484.611	74.058	106.	258.	321.5	365.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	9	195.	188.889	261.	57.	3519.861	59.328	57.	163.	230.	261.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	9	97.	88.	117.	49.	608.75	24.673	49.	61.5	107.5	117.
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	9	4.	3.667	7.	1.	3.75	1.936	1.	2.	5.	7.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	9	25.	22.889	31.	11.	48.861	6.99	11.	16.	28.5	31.
32023	ACIDS, STRONG	10/14/57-10/22/63	9	8.	7.111	13.	3.	10.861	3.296	3.	3.5	9.	13.
32024	ACIDS, WEAK	10/14/57-10/22/63	9	10.	8.889	13.	5.	7.361	2.713	5.	6.	10.5	13.
32025	BASES	10/14/57-10/22/63	9	1.	1.333	2.	0.	0.5	0.707	0.	1.	2.	2.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	9	25.	23.333	29.	16.	19.75	4.444	16.	19.	26.5	29.
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	9	3.	3.111	5.	1.	1.611	1.269	1.	2.	4.	5.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	9	2.	2.333	4.	1.	1.	1.	1.	1.5	3.	4.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	9	19.	17.111	24.	10.	23.861	4.885	10.	12.	21.	24.

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Annual Analysis for 1962 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	64	13.15	13.923	28.8	0.6	101.658	10.083	1.1	3.3	24.125	27.2
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	53	5500.	10115.472	49300.	1190.	150249290.639	12257.622	1376.	2270.	10250.	33740.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	64	17.5	36.188	280.	8.	2410.25	49.094	10.	13.25	38.75	73.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	48	5.	7.25	22.	3.	18.787	4.334	4.	5.	8.	14.1
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	63	9.2	9.13	13.6	5.	6.879	2.623	5.8	6.6	11.6	12.44
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	61	2.	2.32	6.4	0.2	1.804	1.343	0.82	1.35	2.8	4.36
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	49	17.	19.143	57.	11.	68.583	8.282	14.	15.	19.5	30.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	48	1.9	1.963	4.4	0.5	0.545	0.738	1.09	1.5	2.4	2.73
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	48	4.8	4.887	8.7	2.2	2.062	1.436	2.89	4.05	5.675	6.64
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	64	8.	8.102	9.	7.5	0.125	0.354	7.7	7.8	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	64	8.	7.982	9.	7.5	0.14	0.374	7.7	7.8	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	64	0.01	0.01	0.032	0.001	0.	0.007	0.002	0.005	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	64	67.5	69.078	123.	35.	482.01	21.955	40.5	52.25	85.5	99.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	52	149.	157.846	243.	84.	1836.446	42.854	108.	122.	192.5	225.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	43	36.	48.977	406.	8.	3648.88	60.406	21.4	30.	44.	75.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	48	0.1	0.115	0.3	0.	0.003	0.055	0.1	0.1	0.1	0.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	52	0.1	0.185	1.2	0.	0.046	0.215	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	53	100.	103.396	150.	56.	674.552	25.972	65.6	83.	127.	137.2
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	51	9.	10.765	25.	4.	22.264	4.718	6.	7.	15.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	52	29.	34.038	65.	23.	106.94	10.341	24.3	26.	40.75	51.
01501	ALPHA, TOTAL	11/04/57-03/02/70	12	1.	1.333	8.	0.	5.152	2.27	0.	0.	1.	6.5
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	12	0.	1.167	8.	0.	5.424	2.329	0.	0.	1.	6.5
03501	BETA, TOTAL	11/04/57-04/03/70	43	20.	29.651	213.	5.	1318.804	36.315	9.8	13.	29.	67.4
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	43	8.	8.674	19.	4.	8.034	2.834	5.4	7.	9.	11.
03503	BETA, DISSOLVED	11/04/57-04/03/70	43	14.	16.535	80.	0.	166.54	12.905	8.	9.	19.	26.
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	43	6.	6.372	9.	4.	1.811	1.346	4.4	5.	7.	8.
03505	BETA, SUSPENDED	11/04/57-04/03/70	43	5.	13.116	174.	0.	808.677	28.437	0.	2.	13.	27.8
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	43	5.	5.907	18.	2.	8.467	2.91	3.4	5.	6.	7.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	35	300.	2534.	19000.	10.	21516614.412	4638.6	25.	50.	2200.	10000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	35	2.477	2.577	4.279	1.	0.939	0.969	1.398	1.699	3.342	4.
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			377.558								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	11	2510.	5476.273	38325.	160.	122967115.618	11089.054	172.8	250.	5002.	31830.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	11	3.4	3.165	4.583	2.204	0.573	0.757	2.233	2.398	3.699	4.42
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1461.125								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	11	4170.	3911.818	4478.	3076.	259111.964	509.03	3098.	3317.	4281.	4467.4

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Annual Analysis for 1962 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	11	226.	231.273	305.	178.	1211.418	34.805	181.2	211.	256.	296.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	11	141.	142.091	210.	90.	1149.891	33.91	91.6	111.	164.	201.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	11	92.	89.182	108.	69.	167.764	12.952	69.2	74.	96.	107.
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	11	3.	3.545	10.	1.	6.273	2.505	1.	2.	4.	9.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	11	25.	25.	32.	18.	22.6	4.754	18.2	20.	29.	31.8
32023	ACIDS, STRONG	10/14/57-10/22/63	11	7.	7.091	11.	5.	3.491	1.868	5.	5.	8.	10.6
32024	ACIDS, WEAK	10/14/57-10/22/63	11	10.	9.455	12.	6.	3.273	1.809	6.2	8.	11.	11.8
32025	BASES	10/14/57-10/22/63	11	2.	2.091	3.	1.	0.291	0.539	1.2	2.	2.	3.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	11	24.	24.182	28.	22.	3.764	1.94	22.	22.	26.	27.6
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	11	2.	1.909	3.	1.	0.691	0.831	1.	1.	3.	3.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	11	1.	1.455	2.	1.	0.273	0.522	1.	1.	2.	2.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	11	20.	19.636	23.	17.	3.455	1.859	17.2	18.	21.	22.8

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Annual Analysis for 1963 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	61	17.2	13.51	24.4	0.6	67.369	8.208	0.6	4.45	20.25	21.78
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	85	3920.	6825.541	49700.	730.	95834155.275	9789.492	842.8	1255.	6990.	14720.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	61	15.	32.566	400.	6.	2942.537	54.245	9.2	12.5	26.5	82.2
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	43	7.	8.093	23.	4.	15.705	3.963	5.	5.	10.	14.6
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	61	8.6	8.89	15.6	3.	8.505	2.916	5.32	6.7	11.6	12.66
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	59	2.1	2.556	7.8	0.4	2.816	1.678	1.	1.4	3.2	5.2
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	49	18.	20.694	88.	12.	142.342	11.931	14.	16.	20.	29.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	48	2.1	2.202	5.2	0.7	0.693	0.832	1.37	1.7	2.575	3.22
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	47	5.9	6.177	10.6	3.7	2.227	1.492	4.34	5.1	7.1	8.16
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	60	8.1	8.132	9.3	7.5	0.13	0.361	7.61	7.9	8.375	8.6
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	60	8.1	8.005	9.3	7.5	0.147	0.383	7.61	7.9	8.375	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	60	0.008	0.01	0.032	0.001	0.	0.007	0.003	0.004	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	61	70.	71.754	119.	34.	362.789	19.047	41.4	59.5	85.5	97.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	51	164.	174.529	317.	94.	2591.294	50.905	110.4	142.	205.	253.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	12	40.5	49.583	138.	26.	941.538	30.684	28.1	35.25	43.75	120.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	47	0.1	0.134	0.3	0.	0.006	0.076	0.1	0.1	0.2	0.3
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	51	0.1	0.137	0.5	0.	0.011	0.106	0.	0.1	0.2	0.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	105.	106.212	162.	56.	754.248	27.464	65.8	86.	123.5	147.9
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	49	14.	14.673	28.	3.	37.474	6.122	7.	10.	20.	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	51	35.	45.961	104.	22.	516.838	22.734	24.4	29.	62.	83.2
01501	ALPHA, TOTAL	11/04/57-03/02/70	12	0.5	0.5	1.	0.	0.273	0.522	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
03501	BETA, TOTAL	11/04/57-04/03/70	12	28.5	34.917	73.	14.	368.447	19.195	14.3	19.	49.25	70.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	12	9.	8.25	18.	2.	18.75	4.33	2.6	5.	9.75	16.5
03503	BETA, DISSOLVED	11/04/57-04/03/70	12	20.	21.25	33.	13.	52.932	7.275	13.	14.	27.75	33.
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	12	7.	5.833	8.	2.	5.061	2.25	2.3	4.	8.	8.
03505	BETA, SUSPENDED	11/04/57-04/03/70	12	7.	13.667	46.	0.	232.606	15.251	0.3	2.5	21.	44.2
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	12	5.	5.5	16.	1.	16.273	4.034	1.3	3.	6.	14.2
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	35	700.	2992.143	34000.	25.	39458706.303	6281.617	40.	200.	3500.	6500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	35	2.845	2.861	4.531	1.398	0.678	0.823	1.579	2.301	3.544	3.805
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			725.303								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	9	530.	2021.444	10900.	65.	12331745.778	3511.659	65.	194.	2560.	10900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	9	2.724	2.802	4.037	1.813	0.5	0.707	1.813	2.288	3.369	4.037
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			633.791								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	12	4345.	4394.667	5278.	3859.	175518.242	418.949	3893.8	4033.25	4677.25	5138.2
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	12	212.5	212.167	257.	150.	1073.061	32.758	156.6	187.75	244.75	254.3
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	12	131.5	127.75	163.	83.	549.841	23.449	87.5	113.25	142.5	161.8
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	12	81.	84.417	116.	59.	324.083	18.002	60.5	68.5	102.5	112.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	10	4.	4.1	6.	3.	0.989	0.994	3.	3.	5.	5.9
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	10	23.	22.3	27.	17.	8.678	2.946	17.2	19.75	24.25	26.8
32023	ACIDS, STRONG	10/14/57-10/22/63	10	6.5	7.1	13.	4.	9.878	3.143	4.	4.	9.25	12.7
32024	ACIDS, WEAK	10/14/57-10/22/63	10	9.5	10.1	16.	5.	11.211	3.348	5.2	7.75	13.	15.7
32025	BASES	10/14/57-10/22/63	10	2.	1.8	3.	1.	0.4	0.632	1.	1.	2.	2.9
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	10	25.	24.7	31.	15.	18.678	4.322	15.7	22.75	27.25	30.7
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	1.	1.7	5.	1.	1.789	1.337	1.	1.	2.25	4.8
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	2.	2.2	5.	1.	1.511	1.229	1.	1.	3.	4.8
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	10	20.	19.7	24.	13.	9.567	3.093	13.4	18.5	21.5	23.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	63	12.8	13.448	27.7	1.	84.003	9.165	1.7	4.	23.3	25.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	85	4400.	8650.188	52000.	433.	116545570.345	10795.627	911.	1450.	11950.	24220.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	63 ##	12.5	37.238	310.	11.	3925.483	62.654	12.5	12.5	30.	101.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	45	10.	12.178	35.	6.	36.059	6.005	6.	8.	15.	20.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	62	9.8	9.581	12.8	6.2	4.202	2.05	7.03	7.6	11.6	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	62	2.05	2.303	6.7	0.6	1.572	1.254	1.	1.475	2.8	4.15
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	44	17.	17.409	39.	10.	31.131	5.58	12.	14.	18.75	23.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	46	1.9	2.096	5.2	1.	0.632	0.795	1.3	1.5	2.525	3.08
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	45	5.3	5.409	11.1	2.8	2.468	1.571	3.26	4.5	6.35	7.04
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	63	8.2	8.214	9.	7.7	0.145	0.381	7.8	7.8	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	63	8.2	8.077	9.	7.7	0.164	0.405	7.8	7.8	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	63	0.006	0.008	0.02	0.001	0.	0.006	0.002	0.003	0.016	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	63	68.	67.048	116.	35.	391.756	19.793	40.8	52.	79.	95.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	33	226.	213.061	323.	103.	3304.559	57.485	127.4	173.5	254.5	296.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	6	69.5	84.833	169.	33.	2816.967	53.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	45	0.1	0.131	0.3	0.	0.003	0.056	0.1	0.1	0.2	0.2
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	37	0.2	0.157	0.3	0.1	0.003	0.055	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	111.	108.231	172.	58.	1113.044	33.362	64.6	76.5	137.5	154.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	45	13.	14.822	30.	4.	55.786	7.469	6.	8.5	19.5	28.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	37	66.	68.297	130.	24.	748.159	27.352	33.6	44.	90.	110.
01501	ALPHA, TOTAL	11/04/57-03/02/70	6	0.5	0.667	2.	0.	0.667	0.816	**	**	**	**
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	6	0.5	0.667	2.	0.	0.667	0.816	**	**	**	**
03501	BETA, TOTAL	11/04/57-04/03/70	6	20.5	20.333	30.	12.	49.867	7.062	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	6	4.5	6.167	15.	3.	19.767	4.446	**	**	**	**
03503	BETA, DISSOLVED	11/04/57-04/03/70	6	9.5	10.167	13.	8.	3.767	1.941	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	6	3.5	3.833	7.	1.	4.167	2.041	**	**	**	**
03505	BETA, SUSPENDED	11/04/57-04/03/70	6	10.5	10.167	21.	2.	50.967	7.139	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	6	3.	4.833	13.	3.	16.167	4.021	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	29	400.	3918.966	55000.	50.	110715073.892	10522.123	100.	100.	2600.	13000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	29	2.602	2.778	4.74	1.699	0.687	0.829	2.	2.	3.41	4.114
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			599.692								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	9	450.	4202.333	28000.	80.	83035611.5	9112.388	80.	285.5	3650.	28000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	9	2.653	2.934	4.447	1.903	0.6	0.775	1.903	2.433	3.446	4.447
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			858.097								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	7	4412.	4461.286	5162.	4066.	114777.238	338.788	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	7	257.	266.857	318.	195.	2364.143	48.622	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	7	130.	135.857	175.	107.	566.143	23.794	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	7	137.	131.	191.	88.	1430.667	37.824	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	61	12.9	14.034	28.3	0.6	84.979	9.218	2.	5.	23.85	26.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	12	15250.	21425.	57200.	6600.	278017390.909	16673.854	6726.	9310.	35125.	53540.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	62 ##	12.5	49.097	900.	12.5	15973.671	126.387	12.5	12.5	31.	84.9
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	52	6.	6.75	22.	2.	11.132	3.337	4.	5.	7.	11.4
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	61	10.	10.133	14.	6.4	4.903	2.214	7.2	8.15	12.4	12.96
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	61	2.6	2.92	9.6	1.2	2.066	1.437	1.6	2.	3.6	4.6
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	52	16.5	17.846	39.	7.	42.094	6.488	11.	14.	20.	27.1
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	3	3.3	3.2	3.4	2.9	0.07	0.265	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	3	4.9	5.133	5.8	4.7	0.343	0.586	**	**	**	**
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	62	8.15	8.179	8.9	7.6	0.097	0.312	7.8	7.9	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	62	8.147	8.078	8.9	7.6	0.108	0.328	7.8	7.9	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	62	0.007	0.008	0.025	0.001	0.	0.005	0.003	0.003	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	62	72.5	73.613	125.	24.	689.323	26.255	39.9	51.75	92.25	117.7
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	48	210.	203.375	317.	86.	6368.197	79.801	99.2	126.	279.5	310.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	41	0.1	0.132	1.	0.1	0.02	0.142	0.1	0.1	0.1	0.2
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	9	0.6	0.633	1.4	0.05	0.232	0.482	0.05	0.175	1.1	1.4
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	49	0.2	0.173	0.3	0.1	0.004	0.06	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	110.	120.865	184.	60.	922.472	30.372	88.6	97.	143.5	174.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	52	19.	17.654	31.	3.	85.643	9.254	7.	8.	27.	29.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	49	55.	57.449	100.	15.	811.461	28.486	24.	27.5	86.	94.
01501	ALPHA, TOTAL	11/04/57-03/02/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	11/04/57-04/03/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	11/04/57-04/03/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	11/04/57-04/03/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	43	450.	1780.233	30000.	25.	22441088.04	4737.203	50.	100.	1000.	5000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	43	2.653	2.592	4.477	1.398	0.543	0.737	1.699	2.	3.	3.699
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			391.253								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	10	525.	856.5	2900.	85.	753189.167	867.865	94.5	270.	1437.5	2765.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	10	2.716	2.734	3.462	1.929	0.21	0.458	1.962	2.422	3.157	3.435
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			541.9								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	12	4081.5	3839.25	4438.	1076.	821803.841	906.534	1841.9	3745.5	4321.75	4423.6
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	12	197.5	246.5	703.	128.	23076.818	151.911	138.5	168.5	269.25	577.3
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	12	119.	138.25	444.	73.	9638.568	98.176	73.	104.5	125.	350.7
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	12	91.	108.25	259.	48.	3637.841	60.315	50.1	58.25	140.5	228.7

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Annual Analysis for 1966 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	58	12.5	13.983	28.8	0.6	77.787	8.82	2.62	6.675	24.	26.61
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	58 ##	12.5	35.457	500.	8.	5639.432	75.096	12.5	12.5	25.25	73.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	51	7.	7.804	21.	3.	16.921	4.113	4.	6.	8.	15.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	58	9.8	9.674	16.	4.4	7.128	2.67	6.34	7.55	11.45	12.48
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	58	2.1	2.716	21.8	0.4	8.609	2.934	1.2	1.4	3.2	4.02
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	51	16.	16.118	42.	8.	35.306	5.942	11.	12.	18.	22.8
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	58	8.1	8.162	9.	7.5	0.133	0.365	7.7	7.9	8.425	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	58	8.1	8.032	9.	7.5	0.15	0.388	7.7	7.9	8.425	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	58	0.008	0.009	0.032	0.001	0.	0.007	0.002	0.004	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	58	75.5	71.448	119.	27.	324.462	18.013	48.7	58.	82.	89.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	51	175.	192.451	350.	110.	4406.493	66.381	121.8	142.	231.	308.2
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	9	0.8	0.789	2.	0.1	0.414	0.643	0.1	0.2	1.2	2.

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Annual Analysis for 1966 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	51	0.1	0.104	0.3	0.	0.002	0.049	0.1	0.1	0.1	0.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	51	116.	117.588	186.	72.	719.687	26.827	82.4	98.	136.	154.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	51	14.	16.824	40.	5.	83.108	9.116	8.	9.	22.	31.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	51	38.	50.549	130.	21.	753.293	27.446	25.	29.	70.	96.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	45	1000.	2398.889	35000.	100.	34595510.101	5881.795	100.	200.	2000.	4080.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	45	3.	2.867	4.544	2.	0.406	0.637	2.	2.301	3.301	3.609
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			736.965								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	7	100.	628.286	2020.	3.	826909.571	909.346	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	7	2.	1.938	3.305	0.477	1.357	1.165	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			86.774								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	10	3524.5	3866.5	5502.	2988.	736196.944	858.019	3007.1	3265.25	4661.	5456.6
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	11	171.	178.091	241.	132.	1317.891	36.303	132.	156.	216.	238.4
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	11	91.	92.273	123.	65.	402.018	20.05	65.8	73.	113.	121.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	11	65.	85.818	176.	55.	1433.764	37.865	55.2	59.	105.	166.2

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Annual Analysis for 1967 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	63	13.2	13.219	26.8	0.6	67.945	8.243	3.66	4.4	21.	24.76
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	59	12.5	53.364	525.	9.	6570.231	81.057	12.5	12.5	63.	126.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	49	7.	7.857	24.	2.5	20.188	4.493	4.	5.	10.	16.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	63	9.	9.229	14.4	5.	5.58	2.362	6.	7.6	11.4	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	63	1.6	1.817	7.	0.	1.393	1.18	0.8	1.	2.	3.
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	50	13.	14.42	27.	8.	16.453	4.056	10.	11.75	17.	19.9
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	63	7.9	7.971	9.	7.4	0.11	0.331	7.6	7.7	8.2	8.46
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	63	7.9	7.873	9.	7.4	0.12	0.346	7.6	7.7	8.2	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	63	0.013	0.013	0.04	0.001	0.	0.008	0.003	0.006	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	63	61.	63.381	106.	35.	293.078	17.12	42.8	50.	75.	90.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	52	155.5	159.558	245.	114.	856.369	29.264	126.	134.25	177.	199.1
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	9	0.9	1.722	6.4	0.3	3.714	1.927	0.3	0.45	2.25	6.4
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	52	0.1	0.119	0.3	0.	0.006	0.079	0.	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	99.	100.769	148.	70.	319.397	17.872	78.6	88.	115.	125.4
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	50	11.	11.38	23.	5.	9.669	3.109	7.1	9.75	13.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	52	29.	30.385	58.	17.	90.241	9.5	19.3	22.25	35.75	43.4
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	44	795.	2187.273	16000.	20.	15470657.505	3933.276	100.	200.	2000.	5000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	44	2.9	2.858	4.204	1.301	0.456	0.675	2.	2.301	3.301	3.699
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			720.347								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	11	11.	11.364	26.	2.	74.455	8.629	2.	3.	18.	25.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	11	1.041	0.909	1.415	0.301	0.165	0.407	0.301	0.477	1.255	1.412
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.111								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	12	3463.	3614.917	4416.	2799.	279738.811	528.903	2860.8	3197.	4094.5	4357.2
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	13	169.	222.538	594.	93.	17869.769	133.678	101.4	133.	300.5	482.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	13	105.	144.231	490.	26.	13789.026	117.427	39.2	77.	185.5	380.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	13	68.	78.308	118.	47.	566.231	23.796	49.4	60.	101.5	115.6

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Annual Analysis for 1968 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	59	14.8	13.917	28.2	0.	87.612	9.36	1.1	3.8	22.7	26.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	47	40.	50.904	220.	12.5	2625.181	51.237	12.5	12.5	55.	144.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	51	6.	6.863	15.	3.	8.881	2.98	4.	4.	8.	11.

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Annual Analysis for 1968 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	59	9.	9.468	14.4	5.2	6.282	2.506	6.4	7.6	11.8	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	59	3.	3.12	17.	0.6	5.57	2.36	1.2	1.6	3.6	5.4
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	39	16.	16.205	36.	6.	43.957	6.63	9.	11.	19.	27.
00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	10	15.	16.1	23.	11.	14.1	3.755	11.3	14.	18.25	22.9
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	59	8.	7.975	9.1	2.4	0.676	0.822	7.6	7.8	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	59	8.	4.171	9.1	2.4	15.394	3.924	7.6	7.8	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	59	0.01	67.487	3981.072	0.001	268624.46	518.29	0.003	0.006	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	47	69.	67.319	91.	31.	234.352	15.309	41.6	59.	80.	86.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	39	168.	170.821	274.	98.	2012.52	44.861	117.	137.	201.	245.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	12	203.	221.333	292.	166.	2479.515	49.795	166.3	171.75	267.75	290.8
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	10	1.7	1.44	1.9	0.7	0.176	0.42	0.73	1.075	1.725	1.89
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	9	0.2	0.156	0.2	0.1	0.003	0.053	0.1	0.1	0.2	0.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	39	0.1	0.085	0.3	0.	0.004	0.067	0.	0.	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	52	114.	114.077	174.	66.	615.837	24.816	76.6	100.5	128.	145.4
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	52	13.	14.942	36.	5.	45.389	6.737	8.	10.25	20.	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	52	33.	41.154	94.	21.	372.015	19.288	22.3	26.	58.	72.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	29	470.	1022.517	4900.	5.	1526271.83	1235.424	20.	135.5	1600.	3300.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	29	2.672	2.564	3.69	0.699	0.613	0.783	1.301	2.107	3.204	3.519
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			366.119								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	8	44.	56.125	142.	2.	3304.125	57.482	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	8	1.643	1.388	2.152	0.301	0.516	0.718	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.453								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	14	3663.	3511.857	4269.	1242.	670514.593	818.85	1930.5	3231.	4164.5	4268.5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	14	222.	304.	835.	167.	38171.077	195.374	171.	203.5	315.	733.5
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	14	156.5	201.643	603.	96.	18950.401	137.66	111.5	134.	180.25	506.5
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	14	72.	102.357	232.	39.	4009.478	63.32	46.	62.5	138.5	227.

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Annual Analysis for 1969 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	45	18.8	16.402	28.8	0.	81.385	9.021	3.3	6.6	24.4	26.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	43	26.	40.86	198.	6.	1724.79	41.531	12.	16.	50.	74.2
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	47	7.	7.404	20.	3.	6.942	2.635	5.	6.	8.	10.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	45	8.8	8.947	13.4	3.8	5.879	2.425	5.72	6.9	11.3	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	45	2.6	2.938	5.8	0.8	1.991	1.411	1.32	1.7	4.	5.28
00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	44	18.	18.591	30.	11.	19.922	4.463	12.5	15.25	21.	24.5
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	45	8.	8.204	9.1	7.5	0.23	0.48	7.7	7.8	8.65	9.
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	45	8.	8.008	9.1	7.5	0.269	0.519	7.7	7.8	8.65	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	45	0.01	0.01	0.032	0.001	0.	0.008	0.001	0.002	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	43	74.	73.209	111.	7.	338.646	18.402	50.4	65.	83.	97.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	9	139.	144.667	183.	107.	510.	22.583	107.	130.	161.	183.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	2	143.	143.	149.	137.	72.	8.485	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	7	1.1	1.071	1.6	0.6	0.139	0.373	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	16	0.15	0.156	0.3	0.1	0.004	0.063	0.1	0.1	0.2	0.23
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	29	0.1	0.124	0.2	0.	0.003	0.051	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	46	115.	114.674	148.	82.	229.691	15.156	92.	103.5	126.5	132.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	46	15.	15.978	27.	8.	17.311	4.161	11.	13.	19.25	21.3
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	47	38.	42.66	86.	24.	255.447	15.983	25.8	30.	54.	68.8
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	36	645.	4605.389	46000.	5.	119130500.587	10914.692	47.	155.	3550.	14930.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	36	2.809	2.849	4.663	0.699	0.863	0.929	1.67	2.19	3.55	4.006
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			705.99								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	11	4044.	3692.909	4567.	2123.	748515.691	865.168	2151.8	2967.	4339.	4551.6
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	13	223.	256.923	426.	169.	7042.244	83.918	174.2	186.	321.5	410.4
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	13	134.	144.462	197.	86.	1233.269	35.118	88.	125.	181.	192.2
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	13	87.	112.615	241.	56.	3811.423	61.737	56.8	68.	168.	225.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	50	11.1	10.958	24.4	0.	74.369	8.624	0.	1.6	20.025	21.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	50	51.	71.06	420.	10.	7314.711	85.526	14.1	22.25	85.	119.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	51	7.	9.294	86.	4.	132.892	11.528	5.	5.	9.	15.8
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	50	9.2	9.72	13.6	6.4	4.059	2.015	7.	8.	11.6	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	50	2.2	2.384	5.2	0.4	1.325	1.151	1.	1.6	3.	3.98
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	29	18.	18.621	34.	9.	32.744	5.722	13.	14.	22.	26.
00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	20	19.	18.15	24.	11.	15.292	3.911	12.	14.5	20.75	23.
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	50	7.9	7.984	9.	7.2	0.207	0.456	7.41	7.7	8.125	8.89
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	50	7.9	7.807	9.	7.2	0.239	0.489	7.41	7.7	8.125	8.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	50	0.013	0.016	0.063	0.001	0.	0.013	0.001	0.008	0.02	0.039
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	50	63.	66.14	114.	33.	504.409	22.459	39.1	46.75	82.25	97.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	52	170.	182.519	328.	116.	2314.568	48.11	131.6	144.75	213.25	254.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	3	37.	38.	47.	30.	73.	8.544	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-01/05/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	49	0.1	0.079	0.2	0.	0.003	0.056	0.	0.03	0.1	0.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	50	105.	109.62	162.	10.	835.138	28.899	82.2	93.	130.	152.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	51	12.	40.51	1420.	6.	38846.135	197.094	7.2	9.	18.	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	49	24.	29.676	64.	0.1	220.226	14.84	17.	19.	38.	53.
01501	ALPHA, TOTAL	11/04/57-03/02/70	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
03501	BETA, TOTAL	11/04/57-04/03/70	3	34.	34.667	37.	33.	4.333	2.082	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	3	5.	5.	5.	5.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	11/04/57-04/03/70	3	20.	19.667	21.	18.	2.333	1.528	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	3	4.	4.	4.	4.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	11/04/57-04/03/70	3	15.	15.	17.	13.	4.	2.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	3	3.	3.	3.	3.	0.	0.	**	**	**	**
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	14	4189.	4162.357	5000.	3269.	358017.478	598.346	3283.	3576.75	4678.	4986.5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	14	319.5	547.929	3923.	157.	952631.918	976.029	159.5	193.5	358.25	2201.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	14	153.5	350.357	2761.	113.	483078.247	695.038	114.	126.75	205.75	1503.5
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	14	130.5	196.857	1162.	42.	81184.747	284.929	43.	60.25	196.5	697.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	50	11.1	12.018	26.8	0.	76.06	8.721	0.05	3.675	21.	23.19
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	39	29.	70.774	450.	9.2	8588.165	92.672	12.	18.	67.	200.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	50	8.	9.52	35.	2.	56.255	7.5	3.	5.	10.5	19.7
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	51	9.	9.51	13.8	6.2	4.159	2.039	7.04	7.8	11.	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	51	2.2	2.88	8.6	0.	3.9	1.975	0.72	1.4	3.8	5.94
00340	COD, .25N K2CR2O7 MG/L	10/01/68-12/28/71	48	15.5	19.542	71.	5.	143.19	11.966	7.8	13.	24.	31.5
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	51	7.8	8.008	9.2	7.3	0.221	0.47	7.52	7.7	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	51	7.8	7.825	9.2	7.3	0.255	0.505	7.52	7.7	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	51	0.016	0.015	0.05	0.001	0.	0.012	0.002	0.005	0.02	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	50	59.	57.58	83.	28.	220.698	14.856	37.1	46.	70.75	76.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	49	161.	160.796	216.	114.	591.666	24.324	128.	141.	180.	188.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/22/68-12/28/71	49	0.07	0.083	0.33	0.03	0.004	0.061	0.03	0.03	0.11	0.17
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	50	96.	92.66	120.	48.	284.637	16.871	70.2	81.	104.	113.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	48	11.	11.5	21.	6.	10.936	3.307	8.	9.	13.	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	49	26.	26.633	51.	8.	63.904	7.994	19.	22.5	29.5	37.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	2	1590.	1590.	3150.	30.	4867200.	2206.173	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	2	2.488	2.488	3.498	1.477	2.043	1.429	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			307.409								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	7	4084.	3805.571	4669.	2029.	878424.619	937.243	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	9	275.	249.778	299.	152.	2383.444	48.821	152.	210.5	286.	299.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	9	165.	162.333	233.	106.	2364.	48.621	106.	116.	213.	233.
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	9	88.	87.667	120.	46.	630.75	25.115	46.	66.	111.	120.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	17	32000.	47499.118	175000.	665.	2821051713.235	53113.574	701.	3600.	83000.	136600.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	17	4.505	4.19	5.243	2.823	0.704	0.839	2.846	3.556	4.919	5.132
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			15492.855								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	2	4356.	4356.	4651.	4061.	174050.	417.193	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	2	180.5	180.5	184.	177.	24.5	4.95	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	2	117.	117.	123.	111.	72.	8.485	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	2	63.5	63.5	66.	61.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	264	23.2	22.087	33.3	8.8	23.276	4.825	15.	18.925	26.	27.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	156	1955.	2418.744	17100.	433.	3932087.869	1982.949	858.1	1277.5	2880.	4400.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	255	18.	36.004	400.	6.	1864.142	43.176	10.6	12.5	45.	77.4
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	239	7.	8.682	50.	3.	25.361	5.036	5.	6.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	263	7.2	7.381	12.2	3.	2.338	1.529	5.6	6.4	8.2	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	261	2.	2.378	7.	0.	2.022	1.422	0.8	1.4	3.3	4.6
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	183	16.	16.434	37.	5.	26.98	5.194	10.64	13.6	19.	21.6
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	116	2.1	2.163	5.5	0.4	0.713	0.844	1.27	1.6	2.6	3.16
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	112	5.2	5.221	10.5	2.5	2.019	1.421	3.43	4.3	5.9	6.67
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	264	8.2	8.255	9.2	7.3	0.138	0.372	7.8	8.	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	264	8.2	8.107	9.2	7.3	0.16	0.401	7.8	8.	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	264	0.006	0.008	0.05	0.001	0.	0.007	0.002	0.003	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	259	80.	80.826	123.	37.	194.663	13.952	64.	72.	90.	99.
00500	RESIDUE, TOTAL (MG/L)	10/01/61-03/02/70	18	207.	205.389	262.	125.	1661.193	40.758	143.	170.5	235.25	262.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	218	188.	201.977	350.	100.	2231.755	47.241	148.	169.	230.	272.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	60	32.5	53.45	292.	5.	4770.794	69.071	17.	25.25	40.	90.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	128	0.1	0.094	0.3	0.	0.003	0.056	0.01	0.063	0.1	0.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	154	0.1	0.127	0.3	0.	0.005	0.069	0.	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	244	121.	121.381	188.	53.	407.957	20.198	98.	108.5	134.	148.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	238	15.	22.197	1420.	5.	8328.438	91.26	8.	11.	21.	26.1
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	242	42.5	50.264	130.	7.	547.897	23.407	27.	34.	64.	86.
01501	ALPHA, TOTAL	11/04/57-03/02/70	20	1.	0.8	4.	0.	0.905	0.951	0.	0.	1.	1.9
01502	ALPHA, TOTAL, COUNTING ERROR	11/04/57-03/02/70	13	1.	0.692	1.	0.	0.231	0.48	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	20	0.5	0.7	4.	0.	0.958	0.979	0.	0.	1.	1.9
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/04/57-03/02/70	13	1.	0.692	1.	0.	0.231	0.48	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	20	0.	0.1	1.	0.	0.095	0.308	0.	0.	0.	0.9
01506	ALPHA, SUSPENDED, COUNTING ERROR	11/04/57-03/02/70	13	0.	0.462	1.	0.	0.269	0.519	0.	0.	1.	1.
03501	BETA, TOTAL	11/04/57-04/03/70	72	14.	19.347	160.	0.	639.131	25.281	0.	5.25	21.75	39.4
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	54	9.	7.389	18.	0.	20.506	4.528	0.	4.75	10.	10.
03503	BETA, DISSOLVED	11/04/57-04/03/70	72	11.	12.972	60.	0.	146.844	12.118	0.	2.25	17.75	31.4
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	54	7.	6.389	10.	0.	14.544	3.814	0.	4.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	72	2.5	6.375	116.	0.	282.886	16.819	0.	0.	5.75	10.
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	54	5.	5.556	17.	0.	19.233	4.386	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	161	400.	2660.248	87000.	5.	101899808.713	10094.544	50.	100.	1000.	3960.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	161	2.602	2.599	4.94	0.699	0.571	0.755	1.699	2.	3.	3.598
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			397.397								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	21	196.	386.095	2900.	2.	447421.99	668.896	7.	65.5	393.5	1360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	21	2.292	2.11	3.462	0.301	0.587	0.766	0.845	1.816	2.59	3.108
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			128.815								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	56	3637.	3751.054	5876.	1076.	873096.161	934.396	2798.4	3266.75	4383.75	5169.2
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	57	261.	287.965	835.	93.	17058.284	130.607	171.4	210.	331.5	411.6
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	57	149.	171.895	603.	26.	8702.096	93.285	91.	120.	199.5	266.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	57	101.	116.105	259.	53.	2584.31	50.836	66.8	79.	131.	205.2
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	21	4.	3.333	5.	1.	2.033	1.426	1.	2.	4.5	5.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	21	21.	21.619	32.	10.	29.748	5.454	14.6	18.	25.	30.8
32023	ACIDS, STRONG	10/14/57-10/22/63	21	7.	7.048	13.	4.	7.248	2.692	4.	5.	8.5	12.4
32024	ACIDS, WEAK	10/14/57-10/22/63	21	9.	8.905	13.	5.	5.59	2.364	5.2	7.	10.	12.8
32025	BASES	10/14/57-10/22/63	21	2.	1.905	3.	1.	0.39	0.625	1.	1.5	2.	3.
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	21	25.	24.048	32.	15.	17.548	4.189	17.	22.	26.5	29.8
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	21	1.	1.476	5.	0.	1.262	1.123	0.2	1.	2.	3.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	21	2.	1.762	3.	1.	0.59	0.768	1.	1.	2.	3.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	21	20.	19.238	24.	11.	11.89	3.448	13.2	18.	21.	24.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/07/58-09/29/67	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.001	0.002	0.012	0.	0.	0.003	0.	0.	0.002	0.008
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.001	0.	0.002	0.	0.	0.001	0.	0.	0.001	0.002
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.	0.003	0.038	0.	0.	0.01	0.	0.	0.	0.019
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	15	0.002	0.005	0.04	0.	0.	0.01	0.	0.001	0.003	0.026
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.	0.007	0.094	0.	0.001	0.025	0.	0.	0.	0.047

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	13	0.	0.001	0.007	0.	0.	0.002	0.	0.	0.001	0.004
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/01/67	31	3800.	16267.742	338100.	200.	3616400924.731	60136.519	420.	1000.	6600.	20520.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	31	10.	90.968	1560.	0.	79409.032	281.796	0.	0.	70.	234.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	31	0.	10.	130.	0.	766.667	27.689	0.	0.	0.	36.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/01/67	31	760.	1850.968	12240.	60.	6881009.032	2623.168	164.	350.	2350.	4020.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/01/67	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-11/01/67	31	80.	160.323	990.	0.	54483.226	233.416	0.	20.	150.	594.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-11/01/67	31	0.	32.581	590.	0.	12699.785	112.693	0.	0.	0.	102.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-11/01/67	31	2100.	13463.548	330000.	60.	3469108310.323	58899.137	132.	350.	3970.	7654.
60600	DIATOMS, PENNATE (/ML)	10/02/61-11/01/67	31	250.	663.548	7650.	0.	2121670.323	1456.595	0.	30.	460.	1704.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	323	3.3	4.237	20.	0.	13.538	3.679	0.5	1.1	6.5	9.4
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	188	7500.	13187.532	98400.	856.	228739466.903	15124.135	2121.	3940.	15875.	34450.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	307	18.	55.39	900.	4.	9698.05	98.479	10.	12.5	48.	140.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	281	8.	11.274	86.	2.	105.014	10.248	4.	5.	15.	20.
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	321	11.8	11.657	16.	0.4	2.384	1.544	10.	10.85	12.4	13.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	320	2.4	2.81	21.8	0.2	4.609	2.147	1.	1.6	3.5	4.78
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	233	14.	16.085	88.	2.	101.835	10.091	7.32	10.55	19.	27.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	146	2.1	2.498	7.1	0.8	1.405	1.185	1.4	1.7	3.	4.4
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	144	5.25	5.436	11.1	2.2	2.531	1.591	3.6	4.325	6.4	7.45
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	323	7.9	7.914	9.	2.4	0.183	0.428	7.6	7.8	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	323	7.9	4.909	9.	2.4	9.244	3.04	7.6	7.8	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	323	0.013	12.34	3981.072	0.001	49067.549	221.512	0.004	0.008	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	314	55.	60.997	125.	21.	517.281	22.744	37.	44.	76.	96.
00500	RESIDUE, TOTAL (MG/L)	10/01/61-03/02/70	25	149.	167.52	308.	96.	3087.177	55.562	106.8	137.	190.	276.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	260	147.	154.969	328.	82.	2289.296	47.847	108.1	122.	172.5	209.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	69	41.	71.725	323.	8.	3937.202	62.747	18.	32.5	113.	168.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	156	0.1	0.111	1.	0.	0.009	0.096	0.02	0.09	0.1	0.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	137	0.1	0.149	1.2	0.	0.013	0.113	0.1	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	293	96.	99.007	186.	10.	884.329	29.738	64.8	78.	116.	139.2
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	285	11.	11.765	31.	3.	30.265	5.501	6.	8.	14.	19.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	277	29.	34.874	102.	14.	316.792	17.799	22.	24.5	38.	58.
01501	ALPHA, TOTAL	11/04/57-03/02/70	53	0.	1.283	15.	0.	7.668	2.769	0.	0.	1.	3.
01502	ALPHA, TOTAL, COUNTING ERROR	11/04/57-03/02/70	43	0.	0.419	3.	0.	0.487	0.698	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	53	0.	0.528	12.	0.	3.677	1.918	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/04/57-03/02/70	43	0.	0.256	1.	0.	0.195	0.441	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	53	0.	0.755	13.	0.	3.766	1.941	0.	0.	1.	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	11/04/57-03/02/70	43	0.	0.326	3.	0.	0.463	0.68	0.	0.	0.	1.
03501	BETA, TOTAL	11/04/57-04/03/70	89	24.	32.315	163.	0.	1128.877	33.599	0.	8.	44.	80.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	71	10.	9.268	20.	2.	9.942	3.153	5.2	8.	10.	10.
03503	BETA, DISSOLVED	11/04/57-04/03/70	89	13.	17.393	86.	0.	349.764	18.702	0.	2.5	23.5	46.
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	71	10.	7.972	10.	1.	6.485	2.547	4.	6.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	89	9.	14.921	116.	0.	461.778	21.489	0.	1.	18.	36.
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	71	10.	7.479	20.	0.	12.767	3.573	3.	5.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	184	545.	2606.457	55000.	5.	38837332.676	6231.961	42.	100.	2200.	6500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	184	2.736	2.722	4.74	0.699	0.697	0.835	1.623	2.	3.342	3.812
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			527.341								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	29	288.	2173.31	28000.	2.	29982820.722	5475.657	3.	16.	1955.	5002.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	29	2.459	2.293	4.447	0.301	1.363	1.167	0.477	1.201	3.273	3.699
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			196.118								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	59	4190.	4131.254	6404.	2029.	648809.986	805.487	3040.	3564.	4630.	5278.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	62	219.5	296.629	3923.	128.	226145.942	475.548	156.3	175.75	291.25	338.
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	62	147.5	201.839	2761.	65.	113601.252	337.048	97.2	120.25	197.5	254.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	62	67.5	94.79	1162.	39.	20086.562	141.727	46.6	56.75	92.75	132.3
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	25	3.	4.32	13.	0.	12.477	3.532	1.	1.	7.	9.4
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	25	22.	20.84	38.	9.	63.973	7.998	10.6	14.	25.	34.2
32023	ACIDS, STRONG	10/14/57-10/22/63	25	5.	6.2	16.	2.	15.	3.873	2.	3.	8.5	12.
32024	ACIDS, WEAK	10/14/57-10/22/63	25	8.	8.56	15.	3.	12.173	3.489	4.	5.5	11.	13.8
32025	BASES	10/14/57-10/22/63	25	2.	1.72	4.	1.	0.793	0.891	1.	1.	2.	3.4
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	25	24.	24.2	46.	11.	77.167	8.784	12.6	19.	27.	40.2
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	25	2.	1.84	4.	1.	0.807	0.898	1.	1.	2.5	3.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	25	2.	2.04	6.	1.	1.457	1.207	1.	1.	2.	4.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	25	19.	18.84	38.	7.	57.973	7.614	9.	12.	21.5	33.
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/01/67	35	700.	3842.857	74400.	0.	159674873.95	12636.252	100.	200.	1800.	7980.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	35	0.	43.714	1290.	0.	47453.445	217.838	0.	0.	0.	52.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	35	0.	13.714	270.	0.	2471.092	49.71	0.	0.	0.	32.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/01/67	35	0.	226.857	1990.	0.	216316.303	465.098	0.	0.	150.	1006.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/01/67	35	0.	0.571	20.	0.	11.429	3.381	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-11/01/67	35	20.	137.714	1880.	0.	125476.975	354.227	0.	0.	90.	450.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-11/01/67	35	0.	6.286	70.	0.	235.798	15.356	0.	0.	0.	28.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-11/01/67	35	70.	2825.143	71620.	0.	147779543.361	12156.461	0.	20.	450.	5256.
60600	DIATOMS, PENNATE (/ML)	10/02/61-11/01/67	35	260.	584.857	6070.	20.	1085796.303	1042.016	38.	120.	620.	1386.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/57-12/28/71	198	18.	17.847	31.	1.6	30.711	5.542	10.36	13.375	22.	25.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/57-03/23/65	110	9310.	13170.273	60400.	1800.	126009065.063	11225.376	3424.	5940.	15850.	29960.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/02/57-09/28/71	195	23.	41.141	420.	8.	3171.935	56.32	12.5	12.5	40.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/57-12/14/71	174	8.	10.218	100.	2.	97.611	9.88	4.	5.	10.	20.5
00300	OXYGEN, DISSOLVED MG/L	12/02/57-12/28/71	199	8.4	8.308	11.8	5.	2.01	1.418	6.6	7.2	9.2	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/02/57-12/28/71	198	1.95	2.185	6.	0.2	1.354	1.164	1.	1.275	3.	3.91
00335	COD, .025N K2CR2O7 MG/L	12/02/57-07/28/70	152	15.	15.589	36.	5.1	27.049	5.201	9.	12.	19.	21.7
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	12/02/57-01/26/65	87	2.	2.178	4.8	0.5	0.847	0.92	1.26	1.5	2.6	3.52
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	12/02/57-01/26/65	87	4.9	5.23	9.6	2.9	1.853	1.361	3.48	4.2	6.1	7.12
00400	PH (STANDARD UNITS)	12/02/57-12/28/71	199	8.	8.135	9.6	7.4	0.2	0.447	7.7	7.8	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/02/57-12/28/71	199	8.	7.957	9.6	7.4	0.231	0.481	7.7	7.8	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/57-12/28/71	199	0.01	0.011	0.04	0.	0.	0.008	0.002	0.003	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	199	62.	60.261	94.	7.	206.265	14.362	41.	49.	70.	78.
00500	RESIDUE, TOTAL (MG/L)	10/01/61-03/02/70	15	139.	229.	1424.	113.	109782.286	331.334	118.4	128.	175.	683.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/02/57-12/28/71	164	138.5	141.573	215.	78.	962.811	31.029	105.	120.	163.	182.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-03/02/70	40	44.	59.55	406.	14.	3913.792	62.56	23.1	36.25	60.75	97.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/57-10/12/65	103	0.1	0.078	0.3	0.	0.003	0.052	0.	0.03	0.1	0.1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/26/61-11/25/69	96	0.1	0.133	1.2	0.	0.019	0.139	0.	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/57-12/14/71	181	94.	92.343	130.	44.	356.382	18.878	68.	76.	106.	116.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/57-12/14/71	179	9.	9.609	22.	3.	14.79	3.846	5.	7.	12.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/57-12/28/71	176	27.	29.086	64.	0.1	91.28	9.554	20.	24.	33.75	42.6
01501	ALPHA, TOTAL	11/04/57-03/02/70	20	0.	1.2	8.	0.	4.484	2.118	0.	0.	1.	4.9
01502	ALPHA, TOTAL, COUNTING ERROR	11/04/57-03/02/70	13	1.	1.	5.	0.	1.667	1.291	0.	0.	1.	3.4
01503	ALPHA, DISSOLVED	11/04/57-03/02/70	20	0.	0.05	1.	0.	0.05	0.224	0.	0.	0.	0.
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/04/57-03/02/70	13	0.	0.385	1.	0.	0.256	0.506	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	11/04/57-03/02/70	20	0.	1.15	8.	0.	4.555	2.134	0.	0.	1.	4.9
01506	ALPHA, SUSPENDED, COUNTING ERROR	11/04/57-03/02/70	13	1.	1.	5.	0.	1.667	1.291	0.	0.	1.	3.4
03501	BETA, TOTAL	11/04/57-04/03/70	57	23.	33.456	213.	0.	1758.788	41.938	0.	11.5	36.	79.
03502	BETA, TOTAL, COUNTING ERROR	11/04/57-04/03/70	47	10.	9.064	20.	0.	11.583	3.403	5.	8.	10.	11.
03503	BETA, DISSOLVED	11/04/57-04/03/70	57	13.	20.807	203.	0.	929.944	30.495	0.	8.	21.	41.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0485

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03504	BETA, DISSOLVED, COUNTING ERROR	11/04/57-04/03/70	47	10.	7.787	10.	0.	7.823	2.797	4.	6.	10.	10.
03505	BETA, SUSPENDED	11/04/57-04/03/70	57	6.	12.649	174.	0.	626.696	25.034	0.	1.5	13.5	31.4
03506	BETA, SUSPENDED, COUNTING ERROR	11/04/57-04/03/70	47	10.	7.574	18.	0.	12.858	3.586	3.	5.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/14/57-08/15/72	129	1500.	7184.659	175000.	30.	524971346.727	22912.253	100.	485.	3600.	9000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/14/57-08/15/72	129	3.176	3.127	5.243	1.477	0.559	0.747	2.	2.686	3.556	3.954
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1341.076								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/01/61-08/01/68	18	587.5	3293.889	38325.	3.	79787516.458	8932.386	4.8	35.	1904.5	9232.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/01/61-08/01/68	18	2.739	2.473	4.583	0.477	1.385	1.177	0.677	1.485	3.28	3.859
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			297.487								
32001	SAMPLE SIZE (GALLONS)	10/14/57-06/02/72	40	4041.	3899.9	5445.	2100.	535716.349	731.926	2934.8	3342.5	4312.5	4966.3
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/14/57-06/02/72	42	214.5	232.571	424.	106.	5859.178	76.545	136.2	180.75	286.	341.2
32004	CARBON ALCOHOL EXTRACTABLES	10/14/57-06/02/72	42	124.5	137.214	287.	57.	2827.977	53.179	76.	101.75	163.25	210.3
32005	CARBON CHLOROFORM EXTRACTABLES	10/14/57-06/02/72	42	92.	95.167	203.	47.	1306.435	36.145	55.9	63.25	112.75	146.
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/14/57-10/22/63	18	4.5	5.056	12.	1.	11.467	3.386	1.	2.75	7.	12.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/14/57-10/22/63	18	26.	23.667	36.	10.	69.882	8.36	10.9	16.25	29.5	36.
32023	ACIDS, STRONG	10/14/57-10/22/63	18	8.5	8.056	16.	3.	14.408	3.796	3.	4.	10.	15.1
32024	ACIDS, WEAK	10/14/57-10/22/63	18	10.	9.278	16.	4.	10.212	3.196	4.9	5.75	11.	13.3
32025	BASES	10/14/57-10/22/63	18	1.	1.278	3.	0.	0.565	0.752	0.	1.	2.	2.1
32026	NEUTRALS, TOTAL	10/14/57-10/22/63	18	23.5	21.778	31.	12.	28.771	5.364	12.9	17.	25.25	27.4
32027	ALIPHATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	18	2.	2.333	5.	1.	1.882	1.372	1.	1.	3.25	5.
32028	AROMATICS FRACTION OF NEUTRALS	10/14/57-10/22/63	18	2.	1.889	5.	1.	1.046	1.023	1.	1.	2.	3.2
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/14/57-10/22/63	18	17.	16.222	23.	8.	19.948	4.466	9.8	12.25	19.25	22.1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/07/58-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/07/58-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/01/67	25	2700.	14332.	103000.	100.	511350600.	22613.063	500.	850.	21150.	40140.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	25	0.	20.4	170.	0.	2095.667	45.778	0.	0.	20.	118.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/01/67	25	0.	114.4	1410.	0.	100792.333	317.478	0.	0.	0.	500.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/01/67	25	290.	3892.	30110.	0.	47107516.667	6863.492	0.	40.	7125.	11800.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/01/67	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-11/01/67	25	140.	324.8	1490.	0.	158609.333	398.258	12.	55.	475.	1004.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-11/01/67	25	0.	49.6	400.	0.	8637.333	92.937	0.	0.	65.	190.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-11/01/67	25	1090.	9065.6	69800.	40.	250003475.667	15811.498	52.	95.	11505.	28248.
60600	DIATOMS, PENNATE (/ML)	10/02/61-11/01/67	25	560.	872.4	3290.	40.	581727.333	762.711	78.	330.	1300.	1920.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0486

NPS Station ID: GWMP0486
LAT/LON: 39.008892/ -77.318059
Agency: 12NSS
Date Created: 10/22/88
Location: NO NAME
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 2B042064L /2BN2B042064L
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 94
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 02070010057101.13
RF3 Mile Point: 1.48
Distance from RF3: 0.02
On/Off RF3:
Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN:

Parameter Inventory for Station: GWMP0486

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/86-04/09/86	2	12.9	12.9	14.9	10.9	8.	2.828	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/25/86-04/09/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/25/86-04/09/86	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/86-04/09/86	2	80.5	80.5	83.	78.	12.5	3.536	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/86-04/09/86	2	10.4	10.4	11.1	9.7	0.98	0.99	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/86-04/09/86	2	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/86-04/09/86	2	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/86-04/09/86	2	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/86-04/09/86	2	293.85	293.85	316.5	271.2	1026.045	32.032	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/86-04/09/86	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/25/86-04/09/86	2	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/86-04/09/86	2	1.2	1.2	1.3	1.1	0.02	0.141	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/86-04/09/86	2	3.8	3.8	3.9	3.7	0.02	0.141	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/86-04/09/86	2	5.15	5.15	5.3	5.	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/86-04/09/86	2	2.45	2.45	2.5	2.4	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/86-04/09/86	2	5.175	5.175	5.32	5.03	0.042	0.205	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/86-04/09/86	2	1.35	1.35	1.41	1.29	0.007	0.085	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/86-04/09/86	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/86-04/09/86	2	3.75	3.75	4.1	3.4	0.245	0.495	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/86-04/09/86	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/86-04/09/86	2	15.75	15.75	17.	14.5	3.125	1.768	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/86-04/09/86	2	34.	34.	43.	25.	162.	12.728	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/86-04/09/86	2	370.	370.	691.	49.	206082.	453.963	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/86-04/09/86	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
71885	IRON (UG/L AS FE)	03/25/86-04/09/86	2	60.455	60.455	63.95	56.96	24.43	4.943	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/86-04/09/86	2	307.	307.	307.	307.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/86-04/09/86	2	3.85	3.85	4.5	3.2	0.845	0.919	**	**	**	**
83509	STREAM, WIDTH METER	03/25/86-04/09/86	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0486

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0487

NPS Station ID: GWMP0487
LAT/LON: 39.009448/ -77.167504
Agency: 21MDMONT
Date Created: / /
Location: CABIN JOHN CREEK AT BRADLEY BLVD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30140 /CJC-004.00
RMI-Indexes: 0214001 002880
Within Park Boundary: No
RMI-Miles: 0119.80 0004.00
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 6.80
On/Off RF1:
RF3 Index: 02070008003400.00
RF3 Mile Point: 2.78
Distance from RF3: 0.02
On/Off RF3:
Description:
STATION ESTABLISHED ON CABIN JOHN CREEK AT BRADLEY BLVD TEN FT UPSTREAM FROM BRIDGE CROSSING BRADLEY BLVD. ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	153	12.	11.863	23.	-1.	47.29	6.877	3.	6.	18.5	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	152	14.	13.697	30.	-11.	72.146	8.494	3.	8.	21.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	156	50.	48.077	100.	0.	1915.633	43.768	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/07/71-10/31/77	73	5.	13.726	185.	0.	689.202	26.253	0.7	3.	14.	38.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	4.45	15.781	255.	0.9	1805.863	42.495	1.69	2.55	12.875	31.3
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	150	10.15	9.985	14.	5.4	3.511	1.874	7.61	8.4	11.425	12.39
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	82	87.55	86.959	109.7	14.8	174.699	13.217	70.83	81.975	95.975	100.63
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	109	1.4	1.604	6.4	0.	1.381	1.175	0.5	0.8	1.9	2.9
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	135	7.3	7.262	8.4	6.4	0.135	0.368	6.8	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	135	7.3	7.121	8.4	6.4	0.155	0.394	6.8	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	135	0.05	0.076	0.398	0.004	0.004	0.063	0.02	0.032	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	109	7.3	7.249	8.2	6.3	0.111	0.333	6.8	7.05	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	109	7.3	7.107	8.2	6.3	0.131	0.363	6.8	7.05	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	109	0.05	0.078	0.501	0.006	0.007	0.082	0.025	0.032	0.09	0.158
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	132.	151.446	562.	66.	5167.597	71.886	110.1	118.	162.75	209.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	109	1.2	1.339	3.75	0.1	0.549	0.741	0.5	0.7	1.72	2.29
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	101	0.1	0.139	0.79	0.	0.02	0.143	0.03	0.05	0.19	0.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	6950.	10635.833	46000.	230.	167129226.515	12927.847	611.	2100.	11000.	39400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.816	3.723	4.663	2.362	0.376	0.613	2.606	3.321	4.041	4.578
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5288.719								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	96	4300.	20628.229	240000.	90.	2448900303.147	49486.365	430.	2100.	11750.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	96	3.633	3.65	5.38	1.954	0.585	0.765	2.633	3.322	4.07	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4469.943								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	96	430.	3328.052	46000.	15.	77570262.618	8807.398	40.	142.5	2300.	5800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	96	2.633	2.717	4.663	1.176	0.697	0.835	1.602	2.154	3.362	3.734
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			521.552								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	680.	3158.083	24000.	36.	45085981.174	6714.61	52.5	170.	2400.	18180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.801	2.85	4.38	1.556	0.664	0.815	1.677	2.223	3.38	4.165
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			708.006								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.4	0.419	0.61	0.32	0.011	0.105	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0487

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	2	0.14	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	150	0	0.00	51	0	0.00	58	0	0.00	41	0	0.00			
00400	PH	Other-Hi Lim.	9.	135	0	0.00	43	0	0.00	55	0	0.00	37	0	0.00			
		Other-Lo Lim.	6.5	135	2	0.01	43	1	0.02	55	1	0.02	37	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	109	0	0.00	37	0	0.00	45	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	109	4	0.04	37	1	0.03	45	2	0.04	27	1	0.04			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	109	0	0.00	37	0	0.00	45	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	11	0.92	5	5	1.00	4	3	0.75	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	96	75	0.78	32	27	0.84	41	29	0.71	23	19	0.83			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	96	66	0.69	32	25	0.78	41	27	0.66	23	14	0.61			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	9	0.75	5	5	1.00	4	2	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	48	14.	12.771	23.	0.	52.266	7.229	2.8	6.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	48	18.	15.708	30.	-1.	73.53	8.575	4.9	1.75	23.	26.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	48	25.	41.146	100.	0.	1874.723	43.298	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	47	10.	9.979	12.6	7.7	1.723	1.312	8.28	8.8	11.	11.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	91.7	91.162	104.8	65.7	88.088	9.386	77.8	84.85	99.05	102.5
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	43	7.5	7.486	8.	6.9	0.066	0.258	7.2	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	43	7.5	7.414	8.	6.9	0.072	0.268	7.2	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	43	0.032	0.039	0.126	0.01	0.001	0.023	0.013	0.02	0.05	0.063
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	93000.	93000.	93000.	93000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	1	4.968	4.968	4.968	4.968	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			93000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			9300.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	23	11.	10.87	20.	2.	42.209	6.497	2.	5.	17.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	23	12.	11.826	25.	0.	61.241	7.826	0.4	5.	18.	22.6
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	24	62.5	52.083	100.	0.	2169.384	46.577	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	22	10.6	10.186	13.8	7.1	4.828	2.197	7.29	7.925	11.975	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	24	1.55	1.738	4.4	0.2	0.907	0.952	0.65	1.2	2.05	3.3
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	15	7.7	7.607	8.4	6.9	0.174	0.417	6.9	7.4	7.8	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	15	7.7	7.42	8.4	6.9	0.211	0.459	6.9	7.4	7.8	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	15	0.02	0.038	0.126	0.004	0.002	0.04	0.005	0.016	0.04	0.126
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	24	7.45	7.442	7.7	7.	0.036	0.191	7.15	7.325	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	24	7.447	7.399	7.7	7.	0.038	0.196	7.15	7.325	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	24	0.036	0.04	0.1	0.02	0.	0.02	0.02	0.025	0.048	0.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	24	1.54	1.612	3.	1.12	0.175	0.419	1.22	1.335	1.705	2.285
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	24	0.195	0.213	0.78	0.03	0.028	0.168	0.045	0.093	0.3	0.41
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	9300.	20557.917	240000.	430.	2293755399.819	47893.167	930.	2800.	23000.	33000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	24	3.968	3.871	5.38	2.633	0.364	0.603	2.968	3.43	4.362	4.498
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7431.174								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	590.	2460.375	21000.	23.	20542827.984	4532.42	68.	230.	3800.	6800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	24	2.754	2.837	4.322	1.362	0.576	0.759	1.801	2.362	3.566	3.801
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			687.575								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	20	11.5	12.8	23.	3.	39.853	6.313	4.1	7.5	18.75	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	20	12.5	13.45	25.	0.	56.05	7.487	1.5	8.25	19.	24.9
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	20	75.	55.	100.	0.	2276.316	47.711	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	20	9.95	9.9	12.7	7.	2.756	1.66	7.55	8.4	11.525	11.9

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Annual Analysis for 1973 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	20	1.4	1.35	3.1	0.	0.821	0.906	0.04	0.7	1.95	2.7
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	15	7.	7.08	7.4	6.8	0.037	0.193	6.8	6.9	7.3	7.34
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	15	7.	7.041	7.4	6.8	0.039	0.198	6.8	6.9	7.3	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	15	0.1	0.091	0.158	0.04	0.002	0.039	0.046	0.05	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	20	7.5	7.51	7.7	7.3	0.016	0.125	7.31	7.4	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	20	7.5	7.493	7.7	7.3	0.016	0.126	7.31	7.4	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	20	0.032	0.032	0.05	0.02	0.	0.009	0.02	0.025	0.04	0.049
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	20	2.12	2.182	3.75	1.17	0.521	0.722	1.216	1.703	2.573	3.589
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	20	0.1	0.115	0.41	0.02	0.008	0.09	0.023	0.05	0.148	0.2
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	20	4300.	13057.5	46000.	430.	303446756.579	17419.723	480.	1272.5	21750.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	20	3.633	3.685	4.663	2.633	0.448	0.669	2.667	3.067	4.329	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4845.825								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	20	590.	4926.05	46000.	15.	123501692.155	11113.132	90.3	230.	3800.	22530.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	20	2.754	2.914	4.663	1.176	0.778	0.882	1.956	2.362	3.566	4.339
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			820.538								

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Annual Analysis for 1974 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	7.	8.375	18.	3.	31.411	5.605	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	7	10.	10.286	22.	2.	56.571	7.521	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	87.5	62.5	100.	0.	2142.857	46.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	11.95	11.688	13.4	9.1	2.407	1.551	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	1.65	1.538	2.1	0.9	0.174	0.417	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	8	6.8	6.813	7.2	6.4	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	8	6.8	6.759	7.2	6.4	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	8	0.158	0.174	0.398	0.063	0.01	0.1	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.3	7.487	8.2	7.2	0.118	0.344	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.3	7.402	8.2	7.2	0.127	0.356	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.05	0.04	0.063	0.006	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	1.96	1.953	3.13	0.58	0.521	0.722	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.14	0.206	0.6	0.05	0.032	0.18	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	2200.	2620.	9300.	230.	7860371.429	2803.635	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.342	3.235	3.968	2.362	0.204	0.452	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1718.99								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	190.	603.5	2300.	36.	700637.143	837.041	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	2.269	2.398	3.362	1.556	0.391	0.625	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			249.998								

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Annual Analysis for 1976 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	7.	11.455	22.	3.	50.473	7.104	3.4	6.	19.	21.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	12.	13.182	25.	4.	58.364	7.64	4.2	5.	22.	24.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	25.	47.917	100.	0.	2211.174	47.023	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	10.2	10.682	14.	7.3	5.56	2.358	7.38	8.3	13.2	13.92
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	85.9	85.973	109.7	14.8	665.646	25.8	28.16	83.	106.3	109.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.2	1.25	2.8	0.3	0.677	0.823	0.3	0.525	1.775	2.65
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.083	7.7	6.7	0.071	0.266	6.73	6.925	7.275	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.02	7.7	6.7	0.075	0.274	6.73	6.925	7.275	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.1	0.096	0.2	0.02	0.002	0.049	0.029	0.053	0.119	0.187

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Annual Analysis for 1976 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.35	7.2	7.8	6.5	0.151	0.388	6.5	7.025	7.4	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.347	7.019	7.8	6.5	0.187	0.432	6.5	7.025	7.4	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.045	0.096	0.316	0.016	0.011	0.106	0.021	0.04	0.095	0.316
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	120.5	135.25	209.	66.	2005.295	44.781	74.4	102.5	172.5	208.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.65	0.814	2.1	0.32	0.222	0.472	0.362	0.543	1.03	1.791
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12	0.095	0.104	0.23	0.04	0.003	0.055	0.04	0.063	0.143	0.209
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	2400.	36412.727	240000.	430.	5585745921.818	74737.848	526.	2400.	24000.	214000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	11	3.38	3.784	5.38	2.633	0.722	0.85	2.699	3.38	4.38	5.312
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6075.396								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	230.	6757.455	46000.	15.	219615239.073	14819.421	19.2	91.	2300.	41600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	11	2.362	2.674	4.663	1.176	1.203	1.097	1.252	1.959	3.362	4.606
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			471.865								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	13.	12.	20.	-1.	59.429	7.709	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	15.	12.75	21.	-4.	83.643	9.146	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	37.5	46.875	100.	0.	1149.554	33.905	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	8.35	8.663	11.8	5.4	5.757	2.399	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	8	80.6	77.45	99.1	56.8	165.44	12.862	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	8	1.8	2.413	6.4	0.5	4.113	2.028	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	8	7.3	7.212	7.6	6.8	0.058	0.242	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	8	7.3	7.152	7.6	6.8	0.063	0.25	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	8	0.05	0.07	0.158	0.025	0.002	0.042	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	8	7.	7.087	7.4	6.9	0.041	0.203	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	8	7.	7.051	7.4	6.9	0.043	0.207	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	8	0.1	0.089	0.126	0.04	0.001	0.034	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	144.5	173.125	357.	117.	6101.554	78.112	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	8	0.55	0.544	1.05	0.2	0.084	0.29	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	8	0.075	0.115	0.23	0.04	0.006	0.075	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	4300.	43228.75	240000.	430.	6704412326.786	81880.476	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	8	3.633	3.921	5.38	2.633	0.805	0.897	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8333.345								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	1215.	6965.75	46000.	36.	250708658.786	15833.782	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	8	3.072	3.044	4.663	1.556	0.848	0.921	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1107.27								

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Annual Analysis for 1978 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	10.5	10.083	23.	0.	53.356	7.305	0.	2.5	14.75	21.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	14.	12.833	28.	-1.	93.606	9.675	0.	5.75	20.25	26.8
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	50.	43.75	100.	0.	1832.386	42.806	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	9.35	9.783	14.	7.	4.892	2.212	7.15	7.975	11.375	13.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	86.35	84.175	100.	70.	89.529	9.462	70.15	76.15	90.55	98.77
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.45	1.433	3.5	0.4	0.748	0.865	0.46	0.65	1.75	3.14
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	11	7.4	7.155	7.6	6.6	0.157	0.396	6.62	6.7	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	11	7.4	6.996	7.6	6.6	0.184	0.429	6.62	6.7	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	11	0.04	0.101	0.251	0.025	0.007	0.085	0.025	0.032	0.2	0.241
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.1	7.058	7.2	6.8	0.019	0.138	6.83	6.925	7.2	7.2

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Annual Analysis for 1978 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.1	7.037	7.2	6.8	0.019	0.14	6.83	6.925	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.079	0.092	0.158	0.063	0.001	0.031	0.063	0.063	0.119	0.149
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	122.5	129.75	229.	83.	1242.568	35.25	90.5	112.75	138.	204.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	0.7	0.8	1.4	0.1	0.136	0.369	0.19	0.6	1.1	1.34
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	12 ##	0.02	0.032	0.11	0.	0.001	0.038	0.	0.	0.063	0.101
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	1215.	2155.	11000.	90.	9612609.091	3100.421	90.	125.	2400.	9080.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.072	2.899	4.041	1.954	0.514	0.717	1.954	2.056	3.38	3.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			792.698								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	90.	331.25	2400.	15.	446155.114	667.948	19.5	40.	380.	1809.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	1.954	2.044	3.38	1.176	0.388	0.623	1.266	1.602	2.566	3.156
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			110.554								

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Annual Analysis for 1979 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	4.5	10.5	21.	-1.	47.727	6.908	3.2	7.	15.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	13.	10.417	25.	-11.	94.447	9.718	2.6	6.25	21.25	-0.2
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	50.	50.	100.	0.	1931.818	43.952	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	10.4	10.109	12.3	8.	2.089	1.445	8.08	8.8	11.1	12.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	88.8	89.618	100.	79.9	42.448	6.515	80.38	84.2	96.2	99.54
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.5	1.592	4.	0.	1.352	1.163	0.06	0.725	2.4	3.61
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	11	7.1	7.091	7.9	6.5	0.159	0.399	6.52	6.9	7.4	7.82
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	11	7.1	6.947	7.9	6.5	0.182	0.426	6.52	6.9	7.4	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	11	0.079	0.113	0.316	0.013	0.009	0.093	0.016	0.04	0.126	0.303
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	6.75	6.742	7.1	6.3	0.057	0.239	6.3	6.7	6.9	7.04
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	6.747	6.674	7.1	6.3	0.062	0.249	6.3	6.7	6.9	7.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.179	0.212	0.501	0.079	0.02	0.141	0.093	0.126	0.2	0.501
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	129.5	171.833	562.	112.	16029.788	126.609	112.6	116.25	174.5	456.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	1.	0.917	1.6	0.3	0.114	0.338	0.36	0.65	1.1	1.45
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	11	0.08	0.181	0.79	0.	0.054	0.233	0.008	0.04	0.31	0.706
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	4600.	28298.333	240000.	230.	4597097033.333	67801.895	386.	2400.	11750.	181800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	12	3.663	3.766	5.38	2.362	0.614	0.784	2.516	3.38	4.07	5.165
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5832.683								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	590.	1146.833	4300.	91.	2268021.97	1505.995	91.	220.	930.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	12	2.754	2.754	3.633	1.959	0.304	0.551	1.959	2.29	2.968	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			566.894								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	18.	14.545	22.	2.	47.473	6.89	2.4	9.	20.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	20.	17.182	28.	1.	80.964	8.998	2.2	8.	25.	27.6
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	50.	50.	100.	0.	1931.818	43.952	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	8.6	8.882	12.	6.2	4.51	2.124	6.2	6.8	10.2	12.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	86.3	84.155	97.1	67.4	95.665	9.781	68.	73.9	90.9	96.56
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	12	1.	1.433	5.9	0.5	2.153	1.467	0.53	0.65	1.55	4.67
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.025	7.2	6.8	0.009	0.097	6.86	7.	7.1	7.17
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.015	7.2	6.8	0.009	0.097	6.86	7.	7.1	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.1	0.097	0.158	0.063	0.001	0.023	0.068	0.079	0.1	0.141
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	12	7.2	7.133	7.5	6.6	0.053	0.231	6.66	7.1	7.2	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	12	7.2	7.067	7.5	6.6	0.058	0.241	6.66	7.1	7.2	7.44

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Annual Analysis for 1980 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	12	0.063	0.086	0.251	0.032	0.004	0.06	0.037	0.063	0.079	0.223
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	150.5	154.5	228.	115.	1072.455	32.748	116.8	131.25	180.	215.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	12	1.1	1.008	1.6	0.4	0.143	0.378	0.43	0.625	1.275	1.54
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	5	0.08	0.07	0.1	0.03	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	52	20.	17.673	23.	6.	20.577	4.536	9.3	14.5	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	52	21.	19.942	30.	4.	35.859	5.988	10.3	17.	24.	25.7
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	53	25.	36.792	100.	0.	1745.283	41.777	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	51	8.2	8.286	11.	5.4	1.464	1.21	6.84	7.5	9.1	10.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	85.2	82.785	104.5	56.8	126.982	11.269	66.96	73.9	90.2	98.16
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	37	1.2	1.457	5.9	0.	1.524	1.235	0.4	0.6	1.8	3.2
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	43	7.3	7.302	8.4	6.5	0.146	0.383	6.84	7.	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	43	7.3	7.156	8.4	6.5	0.168	0.41	6.84	7.	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	43	0.05	0.07	0.316	0.004	0.004	0.059	0.02	0.025	0.1	0.145
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	37	7.4	7.276	7.7	6.3	0.115	0.339	6.78	7.05	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	37	7.4	7.121	7.7	6.3	0.14	0.374	6.78	7.05	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	37	0.04	0.076	0.501	0.02	0.008	0.087	0.02	0.032	0.09	0.167
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	37	0.72	1.062	3.75	0.1	0.569	0.754	0.3	0.5	1.615	1.88
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	31	0.07	0.148	0.78	0.	0.029	0.171	0.004	0.05	0.18	0.402
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	4450.	27435.938	240000.	230.	3586091650.706	59883.985	430.	2325.	14250.	90800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	32	3.648	3.798	5.38	2.362	0.568	0.754	2.633	3.366	4.152	4.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6280.767								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	750.	3882.5	46000.	23.	88511374.387	9408.048	40.	230.	2100.	15990.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	32	2.875	2.848	4.663	1.362	0.682	0.826	1.602	2.362	3.315	4.116
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			704.626								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	60	5.	4.867	11.	-1.	9.44	3.072	1.	3.	7.	0.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	59	6.	5.492	18.	-11.	25.289	5.029	1.	3.	10.	12.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	62	87.5	60.887	100.	0.	1856.987	43.093	0.	18.75	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	58	11.75	11.672	14.	9.2	1.34	1.158	10.19	10.875	12.45	13.42
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	85.8	83.633	108.2	14.8	277.029	16.644	69.54	79.9	90.9	101.26
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	45	1.6	1.849	6.	0.3	1.095	1.046	0.76	1.3	2.1	3.26
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	55	7.2	7.187	8.	6.4	0.113	0.336	6.8	7.	7.4	7.64
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	55	7.2	7.065	8.	6.4	0.128	0.358	6.8	7.	7.4	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	55	0.063	0.086	0.398	0.01	0.005	0.071	0.023	0.04	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	45	7.2	7.2	7.8	6.3	0.102	0.32	6.76	7.	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	45	7.2	7.068	7.8	6.3	0.12	0.347	6.76	7.	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	45	0.063	0.086	0.501	0.016	0.008	0.087	0.025	0.04	0.1	0.175
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	45	1.4	1.597	3.65	0.4	0.495	0.703	0.818	1.1	2.095	2.586
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	44	0.1	0.147	0.79	0.	0.022	0.148	0.035	0.063	0.198	0.3
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	41	2400.	10170.244	93000.	90.	331418392.439	18204.9	430.	930.	6950.	39200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	41	3.38	3.472	4.968	1.954	0.518	0.719	2.633	2.968	3.816	4.583
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2962.083								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	41	230.	1763.317	24000.	15.	17492613.572	4182.417	31.2	121.5	1500.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	41	2.362	2.536	4.38	1.176	0.651	0.807	1.493	2.072	3.176	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			343.445								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	41	15.	14.732	22.	9.	13.801	3.715	9.2	12.	18.	20.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	41	17.	17.585	27.	10.	24.449	4.945	11.	13.5	22.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	41	25.	43.293	100.	0.	1875.762	43.31	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	41	9.8	9.71	12.1	7.3	1.453	1.205	8.22	8.65	10.6	11.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	28	95.	94.189	109.7	80.4	52.356	7.236	82.39	89.6	99.775	102.73
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/71-12/02/80	27	1.2	1.396	6.4	0.	1.596	1.263	0.2	0.6	1.7	2.7
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	37	7.3	7.327	8.2	6.7	0.149	0.386	6.8	7.	7.6	7.82
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	37	7.3	7.176	8.2	6.7	0.172	0.415	6.8	7.	7.6	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	37	0.05	0.067	0.2	0.006	0.003	0.054	0.015	0.025	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	12/07/71-12/02/80	27	7.4	7.293	8.2	6.5	0.121	0.349	6.86	7.1	7.5	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/71-12/02/80	27	7.4	7.157	8.2	6.5	0.141	0.375	6.86	7.1	7.5	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/71-12/02/80	27	0.04	0.07	0.316	0.006	0.004	0.065	0.023	0.032	0.079	0.141
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/71-12/02/80	27	1.12	1.289	3.04	0.32	0.428	0.654	0.58	0.7	1.62	2.468
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/07/71-05/29/80	26	0.095	0.115	0.3	0.	0.008	0.09	0.021	0.04	0.2	0.262
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	23	4600.	29799.13	240000.	90.	45599246	71.937	67527.214	510.	2300.	15000.	162400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/07/71-11/15/79	23	3.663	3.763	5.38	1.954	0.68	0.825	2.604	3.362	4.176	5.093
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5798.987								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	23	430.	5345.957	46000.	90.	169170081	.68	13006.54	91.	93.	2400.	31320.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/07/71-11/15/79	23	2.633	2.859	4.663	1.954	0.755	0.869	1.959	1.968	3.38	4.385
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			722.679								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0488

NPS Station ID: GWMP0488
LAT/LON: 39.012504/ -77.245837
Agency: 11121TWQ
Date Created: 02/23/78
Location: POT RIV ABOVE DAM AT GREAT FALLS
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-11A /11A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008002
RF1 Mile Point: 2.940
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000700.00
RF3 Mile Point: 0.24
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0488

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-07/05/77	4	25.5	22.5	28.	11.	64.333	8.021	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/75-07/05/77	5	10.	38.74	160.	6.	4598.538	67.813	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/15/75-07/05/77	5	7.3	7.74	10.6	6.1	2.903	1.704	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/77-06/06/77	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-07/05/77	5	0.1	0.092	0.139	0.032	0.002	0.043	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-07/05/77	5	0.64	0.662	0.846	0.488	0.017	0.131	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-07/05/77	5	0.73	0.734	1.57	0.1	0.31	0.557	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/15/75-07/05/77	5	0.35	0.492	1.25	0.16	0.188	0.434	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/75-07/05/77	5	0.05	0.126	0.44	0.02	0.032	0.178	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/15/75-07/05/77	5	10.2	9.54	13.3	3.6	14.958	3.868	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	04/15/75-07/05/77	5	25.4	26.04	32.5	19.5	29.293	5.412	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0488

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	1	0.20	3	1	0.33				2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0489

NPS Station ID: GWMP0489 LAT/LON: 39.021503/ -77.238615 Agency: 21MDEXP Date Created: 10/11/80
Location: LOWER END GLADYS ISLAND,ROCKVILLE PUMPING STA.,
Station Type: /TYPA/AMBNT/STREAM FIPS State/County: 24031 MARYLAND/MONTGOMERY
RMI-Indexes: STORET Station ID(s): UAT0000
RMI-Miles: Within Park Boundary: Yes
HUC: 02070008 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070008002 RF1 Mile Point: 3.640 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070008000703.46 RF3 Mile Point: 10.14 Distance from RF3: 0.00 On/Off RF3:
Description:
02-14-02-02 POTOMAC RIVER MONTGOMERY CO. AREA DRG. (CHAIN BRIDGE TO FRED ./MONT. COUNTY LINE)
UNNAMED TRIBUTARY RIVER MILE IS .00 RECEIVING TRIBUTARY IS POTOMAC RIVER
LOWER END GLADYS ISLAND,ROCKVILLE PUMPING STA.,ACCESS VIA TOWPATH

Parameter Inventory for Station: GWMP0489

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GWMP0490

NPS Station ID: GWMP0490
LAT/LON: 39.030281/ -77.315837
Agency: 112WRD
Date Created: / /
Location: NICHOLS RUN NEAR DRANESVILLE, VA
FIPS State/County: 51059 VIRGINIA/FAIRFAX
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01645160
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 02070010043300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0490

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/77-08/05/77	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/26/68-11/26/68	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/77-08/05/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/26/68-08/05/77	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/26/68-08/05/77	2	58.5	58.5	65.	52.	84.5	9.192	**	**	**	**
00400	PH (STANDARD UNITS)	11/26/68-11/26/68	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/26/68-11/26/68	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/26/68-11/26/68	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/26/68-11/26/68	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/26/68-08/05/77	2	21.5	21.5	28.	15.	84.5	9.192	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/26/68-08/05/77	2	26.	26.	34.	18.	128.	11.314	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/26/68-11/26/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/05/77-08/05/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/77-08/05/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/77-08/05/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/26/68-08/05/77	2	18.	18.	21.	15.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/26/68-08/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/26/68-08/05/77	2	4.15	4.15	5.	3.3	1.445	1.202	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/26/68-08/05/77	2	1.85	1.85	2.	1.7	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/26/68-08/05/77	2	3.7	3.7	4.	3.4	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/26/68-08/05/77	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/26/68-08/05/77	2	29.5	29.5	31.	28.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/26/68-08/05/77	2	1.3	1.3	1.6	1.	0.18	0.424	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/26/68-08/05/77	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/26/68-08/05/77	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/26/68-08/05/77	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/26/68-08/05/77	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/77-08/05/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/77-08/05/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/26/68-08/05/77	2	44.5	44.5	49.	40.	40.5	6.364	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/26/68-08/05/77	2	0.145	0.145	0.23	0.06	0.014	0.12	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/26/68-08/05/77	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/26/68-08/05/77	2	1.2	1.2	1.3	1.1	0.02	0.141	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/05/77-08/05/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0490

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0491

NPS Station ID: GWMP0491
LAT/LON: 39.044448/ -77.220282
Agency: 21MDMONT
Date Created: / /
Location: PINEY BRANCH AT GLEN ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30071
RMI-Indexes: 0214001 003160 00020
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 003.80
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 2.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008004700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
STATION ESTABLISHED ON PINEY BRANCH ON GLEN ROAD THIRTY FEET DOWNSTREAM FROM BRIDGE CROSSING GLEN ROAD. STATION ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	132	10.5	11.22	23.	-1.	45.684	6.759	3.	6.	17.75	20.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	132	12.	13.038	31.	-11.	74.632	8.639	4.	8.25	21.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	137	25.	47.08	100.	0.	2059.427	45.381	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	74	4.	10.811	99.	0.	400.676	20.017	0.75	2.5	8.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	4.8	11.197	120.	1.	486.3	22.052	1.4	2.85	7.05	25.9
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	132	10.7	10.672	15.2	6.6	3.697	1.923	8.1	9.3	12.2	13.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	79	93.9	93.692	127.7	69.5	108.302	10.407	79.5	87.	99.	105.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	107	1.2	1.416	7.8	0.	1.14	1.068	0.38	0.7	1.8	2.6
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	121	7.2	7.274	8.7	6.	0.179	0.423	6.8	7.	7.5	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	121	7.2	7.079	8.7	6.	0.217	0.466	6.8	7.	7.5	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	121	0.063	0.083	1.	0.002	0.012	0.108	0.013	0.032	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	110	7.2	7.196	7.8	6.2	0.103	0.321	6.8	7.	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	110	7.2	7.059	7.8	6.2	0.122	0.35	6.8	7.	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	110	0.063	0.087	0.631	0.016	0.008	0.091	0.025	0.04	0.1	0.158
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	57	115.	129.351	507.	73.	4039.982	63.561	91.8	100.	130.	159.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	110	2.	2.097	5.	0.2	0.759	0.871	1.1	1.5	2.62	2.992
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	102	0.09	0.129	0.87	0.	0.017	0.13	0.04	0.05	0.163	0.25
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	2400.	21999.167	240000.	930.	4714674062.879	68663.484	930.	997.5	3825.	169380.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.38	3.447	5.38	2.968	0.43	0.656	2.968	2.996	3.57	4.865
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2795.763								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	98	2300.	14834.827	240000.	70.	1535385160.681	39183.991	430.	750.	9300.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	98	3.362	3.444	5.38	1.845	0.577	0.759	2.633	2.875	3.968	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2778.22								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	98	230.	3757.689	240000.	1.5	605905358.812	24615.145	36.	93.	930.	1500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	98	2.362	2.465	5.38	0.176	0.552	0.743	1.556	1.968	2.968	3.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			291.567								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	295.	4601.5	46000.	36.	171591487.364	13099.293	36.	84.5	2032.5	33490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.459	2.632	4.663	1.556	0.863	0.929	1.556	1.758	3.277	4.354
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			428.942								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.33	0.43	1.12	0.14	0.1	0.316	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0491

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	2	0.14	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	132	0	0.00	44	0	0.00	55	0	0.00	33	0	0.00			
00400	PH	Other-Hi Lim.	9.	121	0	0.00	37	0	0.00	52	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	121	3	0.02	37	0	0.00	52	2	0.04	32	1	0.03			
00403	PH, LAB	Other-Hi Lim.	9.	110	0	0.00	39	0	0.00	44	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	110	5	0.05	39	1	0.03	44	2	0.05	27	2	0.07			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	110	0	0.00	39	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	9	0.75	5	5	1.00	4	2	0.50	3	2	0.67			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	98	65	0.66	34	22	0.65	40	25	0.63	24	18	0.75			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	98	62	0.63	34	23	0.68	40	18	0.45	24	21	0.88			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	9	0.75	5	4	0.80	4	2	0.50	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	27	11.	11.704	23.	0.	57.063	7.554	0.	5.	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	27	12.	14.296	31.	-2.	82.986	9.11	4.6	-1.	21.	27.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	27	0.	33.333	100.	0.	2019.231	44.936	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	25	10.8	10.712	12.6	8.1	1.946	1.395	8.52	9.65	12.1	12.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	23	97.	95.139	112.5	77.1	82.731	9.096	81.02	90.	100.9	108.68
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	24	7.6	7.671	8.7	7.1	0.14	0.375	7.25	7.4	7.975	8.15
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	24	7.6	7.547	8.7	7.1	0.157	0.396	7.25	7.4	7.975	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	24	0.025	0.028	0.079	0.002	0.	0.02	0.007	0.011	0.04	0.057

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	22	11.	11.227	22.	0.	37.232	6.102	3.6	6.	17.25	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	22	13.5	13.227	28.	-3.	65.136	8.071	5.	6.	22.	22.7
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	24	87.5	55.208	100.	0.	2390.172	48.889	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	24	10.9	10.713	14.8	8.	4.211	2.052	8.1	8.525	12.425	13.25
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	24	1.05	1.346	4.2	0.2	1.154	1.074	0.3	0.6	1.65	3.4
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	17	7.6	7.624	8.	7.2	0.072	0.268	7.2	7.4	7.85	8.
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	17	7.6	7.547	8.	7.2	0.078	0.279	7.2	7.4	7.85	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	17	0.025	0.028	0.063	0.01	0.	0.017	0.01	0.014	0.04	0.063
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.4	7.329	7.6	7.	0.029	0.171	7.1	7.2	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.4	7.297	7.6	7.	0.03	0.174	7.1	7.2	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.04	0.05	0.1	0.025	0.	0.02	0.025	0.04	0.063	0.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	2.27	2.331	4.09	1.47	0.274	0.524	1.805	2.	2.635	2.79
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.18	0.185	0.64	0.04	0.015	0.123	0.05	0.1	0.2	0.315
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2300.	11282.625	93000.	93.	495595091.462	22261.965	220.	430.	8050.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.362	3.374	4.968	1.968	0.641	0.8	2.342	2.633	3.885	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2366.706								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	150.	2174.063	43000.	1.5	75927163.224	8713.619	33.	79.5	805.	1900.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.176	2.308	4.633	0.176	0.69	0.831	1.498	1.898	2.885	3.269
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			203.01								

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Annual Analysis for 1973 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	19	10.	11.368	22.	2.	39.357	6.273	3.	5.	16.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	19	13.	13.947	25.	1.	47.83	6.916	4.	10.	20.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	20	50.	50.	100.	0.	2236.842	47.295	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	19	10.4	10.621	13.6	8.1	2.661	1.631	8.2	9.6	12.	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	20	1.1	1.285	2.4	0.3	0.418	0.647	0.51	0.75	1.875	2.38
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.05	7.072	7.5	6.4	0.097	0.312	6.76	6.8	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.047	6.964	7.5	6.4	0.11	0.331	6.76	6.8	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	18	0.09	0.109	0.398	0.032	0.008	0.087	0.032	0.04	0.158	0.182
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.4	7.41	7.6	7.2	0.014	0.117	7.21	7.325	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.4	7.395	7.6	7.2	0.014	0.118	7.21	7.325	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.04	0.04	0.063	0.025	0.	0.011	0.025	0.032	0.048	0.062
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.745	2.994	4.78	1.95	0.469	0.685	2.296	2.565	3.543	4.035
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.06	0.083	0.19	0.02	0.003	0.051	0.031	0.05	0.108	0.178
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	2300.	7346.5	93000.	230.	413586666.053	20336.83	250.	795.	4300.	9300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	3.362	3.316	4.968	2.362	0.385	0.621	2.389	2.898	3.633	3.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2068.373								

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Annual Analysis for 1973 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	230.	420.5	1500.	36.	224370.895	473.678	36.4	91.	805.	1443.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	2.362	2.339	3.176	1.556	0.289	0.538	1.561	1.959	2.885	3.155
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			218.522								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	7.	7.75	16.	3.	25.357	5.036	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	7.	8.25	18.	1.	44.214	6.649	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	100.	68.75	100.	0.	2098.214	45.806	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	12.6	12.2	14.4	9.4	2.983	1.727	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	8	1.6	1.663	2.3	0.8	0.271	0.521	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	6	7.	7.067	7.7	6.6	0.135	0.367	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	6	7.	6.959	7.7	6.6	0.149	0.386	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	6	0.1	0.11	0.251	0.02	0.006	0.078	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.35	7.438	7.8	7.2	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.347	7.399	7.8	7.2	0.044	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.045	0.04	0.063	0.016	0.	0.016	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	2.82	3.116	5.	1.77	1.319	1.149	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.1	0.229	0.87	0.08	0.073	0.269	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	2300.	5928.75	25000.	430.	66726326.786	8168.618	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.362	3.487	4.398	2.633	0.279	0.529	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3067.816								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	255.	455.875	1500.	36.	257228.696	507.177	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.404	2.41	3.176	1.556	0.277	0.526	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			256.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	2	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	2	9.6	9.6	9.7	9.5	0.02	0.141	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	2	102.7	102.7	103.3	102.1	0.72	0.849	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	2 ##	0.6	0.6	1.2	0.	0.72	0.849	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	2	2.515	2.515	2.86	2.17	0.238	0.488	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	2	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	2	57150.	57150.	110000.	4300.	5586245000.	74741.187	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	2	4.337	4.337	5.041	3.633	0.991	0.996	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			21748.563								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	2	815.	815.	1200.	430.	296450.	544.472	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	2	2.856	2.856	3.079	2.633	0.099	0.315	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			718.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	11.	11.167	21.	2.	47.242	6.873	2.	5.25	17.5	20.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	12.	12.167	23.	1.	57.97	7.614	1.6	6.25	20.5	23.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	25.	43.75	100.	0.	2173.295	46.619	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	11.	11.117	15.2	7.6	4.887	2.211	8.11	9.375	12.675	14.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	93.9	98.8	127.7	82.	177.767	13.333	82.72	91.55	109.5	123.83
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.5	1.117	2.2	0.	0.598	0.773	0.03	0.325	1.7	2.05
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.15	7.1	7.3	6.8	0.042	0.204	6.83	6.9	7.3	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.147	7.056	7.3	6.8	0.044	0.21	6.83	6.9	7.3	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.071	0.088	0.158	0.05	0.002	0.041	0.05	0.05	0.126	0.149
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.25	7.292	7.8	6.6	0.115	0.34	6.72	7.1	7.625	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.247	7.164	7.8	6.6	0.133	0.365	6.72	7.1	7.625	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.057	0.068	0.251	0.016	0.004	0.063	0.017	0.025	0.079	0.206
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	114.5	154.	507.	73.	14640.909	121.	76.	96.	146.75	432.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.58	1.511	2.02	0.8	0.139	0.373	0.86	1.273	1.81	2.005
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.07	0.123	0.44	0.03	0.016	0.127	0.033	0.045	0.138	0.404
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2350.	30814.167	240000.	430.	5306148881.061	72843.317	430.	795.	4600.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.371	3.496	5.38	2.633	0.77	0.877	2.633	2.898	3.663	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3131.022								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	330.	2110.083	21000.	15.	35486272.811	5957.036	21.3	170.	865.	14979.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.498	2.531	4.322	1.176	0.61	0.781	1.29	2.223	2.935	3.916
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			339.734								

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Annual Analysis for 1977 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	7	17.	11.571	19.	-1.	75.286	8.677	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	7	15.	11.143	20.	-3.	80.476	8.971	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	25.	34.375	100.	0.	1417.411	37.649	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	7	8.1	8.914	12.7	6.6	6.508	2.551	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	7	77.	78.586	87.1	69.5	64.995	8.062	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	7	1.5	1.771	3.6	0.7	1.159	1.077	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	7	7.1	7.1	8.	6.	0.427	0.653	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	7	7.1	6.677	8.	6.	0.635	0.797	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	7	0.079	0.21	1.	0.01	0.125	0.354	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.15	7.138	7.4	6.9	0.028	0.169	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.147	7.11	7.4	6.9	0.029	0.171	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.071	0.078	0.126	0.04	0.001	0.029	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	8	136.5	129.375	158.	97.	533.696	23.102	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	1.1	1.263	1.9	0.7	0.223	0.472	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.06	0.075	0.14	0.04	0.001	0.039	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3450.	36135.	240000.	750.	6855031657.143	82795.119	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.512	3.748	5.38	2.875	0.729	0.854	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5592.157								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	375.	30378.25	240000.	36.	7174197658.786	84700.636	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.574	2.82	5.38	1.556	1.277	1.13	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			660.44								

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Annual Analysis for 1978 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	10.	9.909	22.	-1.	53.491	7.314	0.4	8.	15.	21.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	10.	11.636	30.	-4.	102.855	10.142	6.4	-1.	22.	28.6
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	37.5	39.583	100.	0.	1642.992	40.534	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	10.3	10.436	13.6	7.	3.483	1.866	7.4	9.3	11.6	13.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	89.2	90.318	111.8	79.5	92.63	9.624	79.5	82.3	95.4	108.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	0.9	1.183	2.9	0.	0.614	0.784	0.18	0.625	1.75	2.6
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.2	7.1	7.7	6.4	0.145	0.381	6.49	6.725	7.4	7.61
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.2	6.942	7.7	6.4	0.173	0.416	6.49	6.725	7.4	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.063	0.114	0.398	0.02	0.012	0.11	0.026	0.04	0.189	0.339
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.95	6.967	7.2	6.8	0.028	0.167	6.8	6.8	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.947	6.938	7.2	6.8	0.029	0.17	6.8	6.8	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.113	0.115	0.158	0.063	0.002	0.042	0.063	0.079	0.158	0.158
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	113.5	114.833	163.	87.	377.242	19.423	90.	101.	122.5	153.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.55	1.675	3.	1.	0.331	0.575	1.03	1.15	2.075	2.73
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.04	0.084	0.35	0.	0.009	0.097	0.	0.04	0.133	0.29
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	840.	3588.333	24000.	70.	50306215.152	7092.687	118.	400.	2175.	20100.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2.922	2.988	4.38	1.845	0.487	0.698	2.	2.602	3.329	4.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			972.516								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	230.	1185.917	11000.	15.	9637521.902	3104.436	21.3	52.5	670.	7979.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.362	2.34	4.041	1.176	0.594	0.771	1.29	1.69	2.815	3.72
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			218.603								

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Annual Analysis for 1979 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	9.	10.25	20.	0.	35.477	5.956	0.9	6.5	15.75	19.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	13.	11.333	25.	-11.	98.97	9.948	4.	8.25	22.75	-0.2
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	62.5	52.083	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	11.2	10.933	13.4	8.2	3.881	1.97	8.23	9.075	12.9	13.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	96.55	95.183	105.8	75.9	67.38	8.209	78.81	92.25	101.325	105.26
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	10	1.75	2.05	3.5	0.6	0.934	0.966	0.68	1.4	3.175	3.49
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.05	7.083	7.5	6.8	0.049	0.221	6.8	6.925	7.25	7.47
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.047	7.037	7.5	6.8	0.051	0.226	6.8	6.925	7.25	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.09	0.092	0.158	0.032	0.002	0.041	0.034	0.057	0.119	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.75	6.675	7.	6.2	0.071	0.267	6.26	6.425	6.9	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.747	6.598	7.	6.2	0.078	0.279	6.26	6.425	6.9	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.179	0.252	0.631	0.1	0.027	0.163	0.1	0.126	0.378	0.561
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	109.	125.75	275.	91.	2493.114	49.931	93.1	99.75	127.5	238.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.45	1.392	2.1	0.2	0.306	0.553	0.38	1.1	1.875	2.07
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.11	0.139	0.56	0.	0.023	0.153	0.008	0.04	0.18	0.49
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	11000.	14371.667	46000.	430.	260173833.333	16129.905	430.	2950.	20750.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	4.041	3.82	4.663	2.633	0.454	0.673	2.633	3.451	4.296	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6611.959								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	410.	1650.917	9300.	91.	7499088.265	2738.446	108.7	230.	1957.5	7890.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.612	2.781	3.968	1.959	0.384	0.62	2.024	2.362	3.263	3.877
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			604.271								

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Annual Analysis for 1980 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	15.5	12.917	21.	0.	58.629	7.657	0.9	4.75	19.75	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	17.	15.167	30.	-2.	119.242	10.92	3.3	2.5	24.	29.1
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	62.5	52.083	100.	0.	2324.811	48.216	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	9.6	10.283	14.2	7.8	4.84	2.2	7.86	8.65	12.25	14.08
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	96.2	94.725	102.2	84.8	29.837	5.462	85.16	90.45	98.55	101.54
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.05	1.542	7.8	0.2	4.174	2.043	0.26	0.425	1.675	6.
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	6.992	7.2	6.7	0.023	0.151	6.73	6.85	7.1	7.17
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	6.966	7.2	6.7	0.023	0.153	6.73	6.85	7.1	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.1	0.108	0.2	0.063	0.002	0.042	0.068	0.079	0.144	0.187
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.1	7.042	7.4	6.6	0.092	0.303	6.6	6.725	7.35	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.1	6.944	7.4	6.6	0.102	0.32	6.6	6.725	7.35	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.079	0.114	0.251	0.04	0.006	0.08	0.04	0.046	0.189	0.251
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	122.5	125.5	249.	87.	1698.091	41.208	88.5	106.	126.	212.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.7	1.658	2.2	1.	0.161	0.401	1.06	1.25	2.075	2.17
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.056	0.07	0.03	0.	0.019	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	44	18.5	16.932	22.	6.	22.112	4.702	8.	15.25	20.75	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	44	21.5	19.023	30.	1.	49.465	7.033	8.	15.25	23.75	27.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	44	12.5	37.5	100.	0.	1758.721	41.937	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	44	9.	9.007	12.6	6.8	1.577	1.256	7.7	8.1	9.6	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	93.9	92.059	110.8	70.1	99.262	9.963	77.	85.2	99.35	105.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	37	0.9	1.2	7.8	0.	1.948	1.396	0.18	0.5	1.35	3.16
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	37	7.2	7.368	8.7	6.8	0.186	0.431	6.9	7.1	7.7	8.02
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	37	7.2	7.218	8.7	6.8	0.209	0.457	6.9	7.1	7.7	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	37	0.063	0.061	0.158	0.002	0.002	0.042	0.01	0.02	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	39	7.3	7.251	7.8	6.2	0.097	0.311	6.8	7.1	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	39	7.3	7.111	7.8	6.2	0.117	0.342	6.8	7.1	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	39	0.05	0.077	0.631	0.016	0.01	0.099	0.025	0.032	0.079	0.158
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	39	1.82	1.821	3.31	0.2	0.584	0.764	0.8	1.2	2.5	2.88
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	33	0.08	0.115	0.56	0.	0.011	0.107	0.034	0.045	0.175	0.246
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	2300.	16847.147	240000.	93.	2030140514.311	45057.081	310.	885.	4600.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	3.362	3.428	5.38	1.968	0.63	0.794	2.476	2.945	3.663	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2681.165								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	355.	2592.574	43000.	1.5	65530192.457	8095.072	41.5	135.75	930.	5800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	2.54	2.563	4.633	0.176	0.671	0.819	1.618	2.124	2.968	3.665
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			365.933								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	54	5.	4.722	11.	-1.	10.959	3.31	0.	3.	8.	4.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	53	8.	5.528	18.	-11.	30.369	5.511	3.	4.	10.	12.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	56	75.	58.036	100.	0.	2002.435	44.749	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	55	12.4	12.407	15.2	9.3	1.267	1.126	11.26	11.6	13.	13.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	93.1	93.924	127.7	77.1	114.855	10.717	80.5	86.65	98.35	104.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	44	1.6	1.698	4.2	0.	0.781	0.884	0.65	1.025	2.2	2.95
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	52	7.2	7.188	8.1	6.	0.176	0.419	6.7	6.825	7.5	7.74
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	52	7.2	6.976	8.1	6.	0.222	0.471	6.7	6.825	7.5	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	52	0.063	0.106	1.	0.008	0.022	0.148	0.019	0.032	0.15	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.2	7.127	7.7	6.4	0.093	0.305	6.65	6.9	7.4	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.2	7.012	7.7	6.4	0.107	0.327	6.65	6.9	7.4	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.063	0.097	0.398	0.02	0.007	0.082	0.04	0.04	0.126	0.225
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	2.1	2.389	5.	1.	0.997	0.998	1.1	1.778	2.735	3.95
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.1	0.145	0.87	0.	0.024	0.156	0.04	0.06	0.16	0.256
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	2300.	13982.25	110000.	70.	715888299.936	26756.089	250.	430.	11000.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	3.362	3.448	5.041	1.845	0.703	0.839	2.389	2.633	4.041	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2805.514								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	150.	728.825	11000.	15.	3465485.584	1861.581	36.	75.	430.	1500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	2.176	2.273	4.041	1.176	0.456	0.675	1.556	1.875	2.633	3.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			187.639								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	34	13.5	14.147	23.	8.	13.523	3.677	9.5	11.	17.25	18.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	35	16.	16.886	31.	9.	29.045	5.389	10.6	12.	21.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	37	0.	41.892	100.	0.	2293.544	47.891	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	33	9.9	10.	12.2	6.6	1.421	1.192	8.36	9.35	10.8	11.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	21	97.3	95.629	112.5	69.5	114.728	10.711	77.5	89.6	100.95	111.76
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	26	1.25	1.246	2.6	0.2	0.446	0.668	0.37	0.675	1.825	2.06
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	32	7.3	7.303	8.	6.4	0.164	0.405	6.83	7.	7.675	7.97
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	32	7.3	7.132	8.	6.4	0.194	0.441	6.83	7.	7.675	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	32	0.05	0.074	0.398	0.01	0.005	0.074	0.011	0.021	0.1	0.149
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	27	7.3	7.23	7.8	6.4	0.123	0.351	6.58	7.	7.4	7.62
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	27	7.3	7.069	7.8	6.4	0.15	0.387	6.58	7.	7.4	7.62
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	27	0.05	0.085	0.398	0.016	0.009	0.093	0.024	0.04	0.1	0.264
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	27	1.9	2.023	4.06	0.8	0.416	0.645	1.308	1.69	2.53	2.78
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	26	0.075	0.121	0.44	0.	0.013	0.112	0.037	0.04	0.163	0.326
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2300.	13405.	240000.	430.	2339228608.696	48365.573	590.	1072.5	4600.	10150.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.362	3.459	5.38	2.633	0.335	0.579	2.754	3.02	3.663	4.005
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2874.537								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	255.	10456.375	240000.	40.	2390657242.332	48894.348	121.5	230.	925.	1500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.404	2.644	5.38	1.602	0.479	0.692	2.072	2.362	2.966	3.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			440.546								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0492

NPS Station ID: GWMP0492
LAT/LON: 39.044448/ -77.262782
Agency: 1113MCST
Date Created: / /
Location: WATTS RUN AT MD RT 190
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P28/P28 /028
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070008
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02070008000500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GWMP0492

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	23.5	23.25	24.	22.	0.75	0.866	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	9.1	9.05	9.3	8.7	0.063	0.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	6.6	6.6	12.1	1.1	60.5	7.778	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.2	7.138	7.2	6.95	0.016	0.125	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.2	7.123	7.2	6.95	0.016	0.126	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.063	0.075	0.112	0.063	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.396	0.389	0.422	0.344	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	1.025	1.025	1.09	0.96	0.004	0.06	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.01	0.009	0.01	0.007	0.	0.002	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	3.75	3.675	4.7	2.5	1.096	1.047	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	10.2	9.975	10.9	8.6	1.116	1.056	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2000.	2000.	2200.	1800.	80000.	282.843	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	3.299	3.299	3.342	3.255	0.004	0.062	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1989.975								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	69.5	69.5	130.	9.	7320.5	85.56	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.534	1.534	2.114	0.954	0.672	0.82	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			34.205								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	5.25	4.5	6.	1.5	4.5	2.121	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.05	0.055	0.07	0.05	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0492

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0493

NPS Station ID: GWMP0493
LAT/LON: 39.044726/ -77.260837
Agency: 21MDMONT
Date Created: / /
Location: WATTS BRANCH AT RIVER ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30065
RMI-Indexes: 0214001 003160 00020
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 000.61
HUC: 02070008
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:
STATION ESTABLISHED ON WATTS BRANCH ON RIVER RD ONE HUNDRED YDS UPSTREAM FROM BRIDGE CROSSING ON RIVER ROAD. ESTABLISHED DECEMBER 1971

Parameter Inventory for Station: GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	107	12.	11.743	23.	-1.	46.568	6.824	3.	6.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	107	13.	12.928	32.	-10.	73.822	8.592	3.8	8.	21.	23.
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	112	50.	50.893	100.	0.	1868.565	43.227	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	07/19/78-09/18/80	24	1.19	1.143	1.86	0.17	0.158	0.398	0.33	1.083	1.425	1.54
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	75	6.	17.107	228.	0.	1153.664	33.966	0.6	2.	12.	50.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	35	5.	13.6	110.	1.2	675.057	25.982	1.8	2.6	6.9	45.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	107	10.4	10.573	15.4	6.2	3.733	1.932	8.	9.1	12.2	13.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	57	94.8	93.754	129.4	65.3	137.441	11.724	77.9	85.9	100.35	107.82
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	109	1.3	1.519	8.1	0.	1.299	1.14	0.4	0.8	2.	2.7
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	98	7.2	7.148	7.9	5.9	0.12	0.346	6.7	6.9	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	98	7.2	6.996	7.9	5.9	0.143	0.378	6.7	6.9	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	98	0.063	0.101	1.259	0.013	0.018	0.133	0.025	0.04	0.126	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	110	7.2	7.179	7.9	6.2	0.11	0.331	6.7	7.	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	110	7.2	7.038	7.9	6.2	0.13	0.36	6.7	7.	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	110	0.063	0.092	0.631	0.013	0.009	0.093	0.025	0.04	0.1	0.2
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	56	114.5	129.143	356.	64.	3414.561	58.434	74.4	104.	131.5	214.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	110	1.73	1.959	9.4	0.2	1.243	1.115	0.9	1.378	2.43	3.256
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	102	0.08	0.143	0.61	0.	0.016	0.126	0.04	0.06	0.2	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	13	2400.	20540.769	240000.	230.	4350605257.692	65959.118	230.	585.	4600.	145840.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-08/13/86	13	3.38	3.336	5.38	2.362	0.597	0.773	2.362	2.749	3.663	4.693
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2168.232								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	99	2400.	22358.455	460000.	70.	3730859302.148	61080.76	230.	930.	11000.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	99	3.38	3.528	5.663	1.845	0.72	0.849	2.362	2.968	4.041	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3369.712								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	99	230.	2072.182	46000.	15.	49678599.395	7048.305	36.	91.	750.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	99	2.362	2.471	4.663	1.176	0.591	0.769	1.556	1.959	2.875	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			295.889								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	230.	3961.308	46000.	15.	159944721.231	12646.925	23.4	88.	695.	28560.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	2.362	2.491	4.663	1.176	0.786	0.887	1.328	1.851	2.816	4.15
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			309.796								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	17	0.38	0.574	2.66	0.16	0.358	0.599	0.176	0.305	0.595	1.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0493

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	3	0.09	13	3	0.23	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	107	0	0.00	39	0	0.00	43	0	0.00	25	0	0.00			
00400	PH	Other-Hi Lim.	9.	98	0	0.00	33	0	0.00	40	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	98	1	0.01	33	0	0.00	40	1	0.03	25	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	110	0	0.00	38	0	0.00	44	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	110	6	0.05	38	1	0.03	44	3	0.07	28	2	0.07			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	110	0	0.00	38	0	0.00	44	0	0.00	28	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	9	0.69	6	5	0.83	4	1	0.25	3	3	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	99	67	0.68	34	20	0.59	40	27	0.68	25	20	0.80			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	99	58	0.59	34	23	0.68	40	18	0.45	25	17	0.68			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	9	0.69	6	5	0.83	4	1	0.25	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	22	11.5	11.727	23.	1.	38.874	6.235	3.6	6.	17.25	19.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	22	15.	13.273	28.	-2.	66.208	8.137	4.3	6.	22.	22.7
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	24	62.5	51.042	100.	0.	2254.303	47.479	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	23	10.8	10.387	13.5	7.9	3.191	1.786	8.04	8.5	11.9	12.72
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	24	1.5	1.675	3.8	0.3	0.993	0.997	0.5	0.8	2.4	3.45
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	16	7.4	7.469	7.9	7.	0.066	0.257	7.14	7.225	7.675	7.83
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	16	7.4	7.399	7.9	7.	0.071	0.267	7.14	7.225	7.675	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	16	0.04	0.04	0.1	0.013	0.001	0.024	0.015	0.021	0.06	0.074
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.2	7.275	7.6	7.	0.032	0.18	7.05	7.125	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.2	7.242	7.6	7.	0.034	0.183	7.05	7.125	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.063	0.057	0.1	0.025	0.	0.022	0.025	0.04	0.075	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	2.105	2.21	4.18	1.31	0.54	0.735	1.505	1.613	2.493	3.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.215	0.234	0.51	0.	0.02	0.14	0.06	0.143	0.27	0.48
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2300.	35466.458	460000.	75.	9131054505.389	95556.551	230.	930.	20250.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.362	3.567	5.663	1.875	0.928	0.963	2.362	2.968	4.291	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3693.282								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	310.	2745.25	43000.	23.	75925390.457	8713.518	31.	55.5	1312.5	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.476	2.515	4.633	1.362	0.753	0.868	1.476	1.717	3.101	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			327.182								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	19	11.	12.211	23.	4.	39.62	6.294	4.	6.	16.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	19	14.	14.053	26.	1.	47.942	6.924	4.	10.	20.	23.
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	20	50.	52.5	100.	0.	2032.895	45.088	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	19	10.4	10.595	12.7	8.3	1.896	1.377	8.5	9.6	12.	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	20	1.1	1.21	2.5	0.	0.422	0.65	0.16	0.825	1.675	2.27
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	18	7.2	7.183	7.6	6.7	0.069	0.262	6.79	6.9	7.325	7.51
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	18	7.2	7.105	7.6	6.7	0.075	0.274	6.79	6.9	7.325	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	18	0.063	0.078	0.2	0.025	0.003	0.051	0.031	0.048	0.126	0.163
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.4	7.415	7.6	7.2	0.019	0.139	7.2	7.3	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.4	7.394	7.6	7.2	0.02	0.14	7.2	7.3	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.04	0.04	0.063	0.025	0.	0.013	0.025	0.032	0.05	0.063
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.375	2.5	3.69	1.54	0.436	0.66	1.714	1.925	3.035	3.651
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.08	0.106	0.2	0.02	0.003	0.052	0.052	0.07	0.148	0.189
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	4300.	27952.	240000.	750.	3660474795.789	60501.858	930.	2300.	19575.	139600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	3.633	3.777	5.38	2.875	0.538	0.733	2.968	3.362	4.263	5.125
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5987.65								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	330.	1853.8	24000.	36.	27719649.221	5264.945	43.	122.25	1500.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	2.498	2.613	4.38	1.556	0.506	0.711	1.633	2.057	3.176	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			410.314								

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Annual Analysis for 1974 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	8	7.	8.5	19.	3.	31.429	5.606	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	8	7.	8.25	19.	0.	49.929	7.066	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	8	87.5	68.75	100.	0.	1919.643	43.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	8	12.5	12.175	13.8	10.1	1.802	1.342	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	8	1.85	1.738	2.5	0.7	0.5	0.707	**	**	**	**

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Annual Analysis for 1974 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	6	7.15	7.1	7.6	6.7	0.124	0.352	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	6	7.147	6.988	7.6	6.7	0.139	0.373	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	6	0.071	0.103	0.2	0.025	0.006	0.077	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.35	7.388	7.9	7.	0.064	0.253	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.347	7.33	7.9	7.	0.068	0.261	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.045	0.047	0.1	0.013	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	2.495	2.733	4.8	0.8	1.361	1.167	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.185	0.218	0.42	0.06	0.02	0.142	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3300.	7501.25	24000.	430.	99818898.214	9990.941	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.498	3.481	4.38	2.633	0.428	0.654	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3026.579								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	150.	291.5	930.	15.	120932.	347.753	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.176	2.151	2.968	1.176	0.366	0.605	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			141.636								

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Annual Analysis for 1975 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	3	21.	20.667	22.	19.	2.333	1.528	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	3	22.	22.	23.	21.	1.	1.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	3	100.	83.333	100.	50.	833.333	28.868	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	3	9.7	9.633	9.7	9.5	0.013	0.115	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	3	107.8	106.667	107.9	104.3	4.203	2.05	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	3	1.3	1.1	2.	0.	1.03	1.015	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	2	7.55	7.55	7.8	7.3	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	2	7.482	7.482	7.8	7.3	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	2	0.033	0.033	0.05	0.016	0.001	0.024	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	3	7.5	7.4	7.6	7.1	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	3	7.5	7.343	7.6	7.1	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	3	0.032	0.045	0.079	0.025	0.001	0.03	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	3	1.71	2.027	2.68	1.69	0.32	0.566	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	3	0.19	0.26	0.51	0.08	0.05	0.223	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	4300.	4700.	7500.	2300.	6880000.	2622.975	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	3.633	3.623	3.875	3.362	0.066	0.257	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4201.643								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	430.	1696.667	4300.	360.	5084233.333	2254.824	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	2.633	2.941	3.633	2.556	0.361	0.601	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			873.132								

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Annual Analysis for 1976 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	11.	11.5	21.	1.	55.727	7.465	1.3	4.5	19.25	20.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	11.	12.25	23.	2.	60.386	7.771	2.3	4.75	21.5	23.
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	12	25.	47.917	100.	0.	1870.265	43.247	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	12	10.8	11.442	15.4	7.6	6.148	2.48	8.08	9.225	13.8	15.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	12	98.6	101.708	129.4	84.4	172.377	13.129	85.48	92.775	110.875	126.37
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.15	1.317	3.8	0.	1.131	1.063	0.06	0.55	1.95	3.32
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	6.992	7.4	6.6	0.064	0.254	6.63	6.8	7.2	7.37
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	6.926	7.4	6.6	0.069	0.263	6.63	6.8	7.2	7.37

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Annual Analysis for 1976 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	12	0.1	0.118	0.251	0.04	0.004	0.066	0.043	0.063	0.158	0.236
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.2	7.3	7.7	6.6	0.107	0.328	6.75	7.125	7.675	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.2	7.177	7.7	6.6	0.124	0.352	6.75	7.125	7.675	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.063	0.066	0.251	0.02	0.004	0.063	0.02	0.021	0.075	0.2
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	122.	132.5	356.	64.	5838.636	76.411	66.4	81.25	141.5	297.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.295	1.387	2.78	0.6	0.345	0.587	0.672	0.98	1.598	2.567
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.08	0.093	0.23	0.03	0.004	0.066	0.033	0.045	0.105	0.227
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2400.	35229.167	240000.	200.	5189764753.788	72040.022	365.	1500.	37250.	201000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.38	3.705	5.38	2.301	0.833	0.913	2.473	3.176	4.507	5.279
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5067.398								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	230.	2633.167	24000.	36.	46731168.879	6836.02	52.5	105.75	1232.5	18090.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.362	2.58	4.38	1.556	0.632	0.795	1.677	2.013	3.04	4.156
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			380.505								

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Annual Analysis for 1977 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	7	18.	12.	20.	-1.	76.667	8.756	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	7	15.	11.286	19.	-2.	75.238	8.674	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	8	37.5	37.5	100.	0.	1071.429	32.733	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	7	7.9	8.914	12.8	6.2	6.168	2.484	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	7	77.9	79.414	87.7	65.3	62.251	7.89	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	7	0.9	1.6	3.5	0.5	1.353	1.163	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	7	7.3	7.171	7.8	5.9	0.426	0.652	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	7	7.3	6.645	7.8	5.9	0.749	0.866	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	7	0.05	0.227	1.259	0.016	0.209	0.457	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.2	7.137	7.4	6.8	0.046	0.213	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.2	7.09	7.4	6.8	0.048	0.219	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.063	0.081	0.158	0.04	0.002	0.042	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	8	115.5	119.5	152.	94.	305.714	17.485	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	0.9	0.983	1.8	0.3	0.28	0.529	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.065	0.134	0.61	0.03	0.038	0.196	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	10150.	10678.75	24000.	430.	86062755.357	9277.001	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	4.005	3.778	4.38	2.633	0.366	0.605	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5999.442								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	330.	1046.125	4300.	36.	2300805.839	1516.841	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.498	2.54	3.633	1.556	0.551	0.742	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			346.948								

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Annual Analysis for 1978 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	11	-1.	9.909	20.	-1.	53.691	7.327	0.4	8.	16.	19.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	11	11.	12.091	32.	-3.	107.691	10.377	6.4	-1.	21.	30.4
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	12	37.5	41.667	100.	0.	1742.424	41.742	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	11	10.4	10.582	13.3	7.9	3.036	1.742	8.08	9.	11.8	13.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	11	92.1	91.973	113.7	76.	132.97	11.531	76.32	80.8	98.9	111.62
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	11	1.3	1.427	3.7	0.	0.948	0.974	0.1	0.8	1.6	3.42
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	7.083	7.6	6.7	0.065	0.255	6.73	6.925	7.275	7.54
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	7.022	7.6	6.7	0.069	0.263	6.73	6.925	7.275	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	12	0.1	0.095	0.2	0.025	0.002	0.05	0.03	0.053	0.119	0.187

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Annual Analysis for 1978 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	11	6.9	6.945	7.2	6.8	0.027	0.163	6.8	6.8	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	11	6.9	6.92	7.2	6.8	0.027	0.166	6.8	6.8	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	11	0.126	0.12	0.158	0.063	0.002	0.04	0.063	0.079	0.158	0.158
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	11	112.	106.909	144.	69.	481.691	21.947	70.2	89.	117.	140.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	11	1.4	1.327	2.	0.7	0.162	0.403	0.74	1.	1.6	1.96
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.04	0.07	0.19	0.	0.003	0.057	0.008	0.04	0.11	0.182
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	930.	2025.833	11000.	70.	9671226.515	3109.86	76.	242.5	2325.	9080.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2.968	2.9	4.041	1.845	0.437	0.661	1.878	2.383	3.366	3.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			793.615								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	120.	323.333	2400.	15.	441910.606	664.764	15.	40.	230.	1809.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.065	2.046	3.38	1.176	0.389	0.624	1.176	1.602	2.362	3.156
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			111.218								

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Annual Analysis for 1979 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	10.	10.833	21.	1.	42.333	6.506	1.3	6.25	16.5	20.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	12.5	11.167	26.	-10.	104.697	10.232	3.	6.5	23.25	0.8
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	12	62.5	52.083	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	12	10.7	10.642	13.2	8.	3.112	1.764	8.12	8.8	12.2	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	12	94.15	93.842	103.9	84.6	44.139	6.644	84.99	86.775	99.4	103.48
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	11	1.6	1.973	4.3	0.	1.684	1.298	0.16	1.2	3.4	4.16
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	12	6.85	6.992	7.6	6.6	0.106	0.326	6.63	6.725	7.3	7.54
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	12	6.847	6.898	7.6	6.6	0.116	0.34	6.63	6.725	7.3	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	12	0.142	0.126	0.251	0.025	0.005	0.074	0.03	0.05	0.189	0.236
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.65	6.625	7.2	6.2	0.066	0.256	6.26	6.425	6.775	7.08
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.647	6.562	7.2	6.2	0.07	0.265	6.26	6.425	6.775	7.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.225	0.274	0.631	0.063	0.023	0.151	0.092	0.169	0.378	0.561
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	108.5	136.833	340.	91.	5039.242	70.988	92.2	99.5	132.	299.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.35	1.325	3.1	0.2	0.471	0.686	0.35	1.025	1.55	2.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.07	0.095	0.22	0.03	0.005	0.068	0.032	0.04	0.14	0.218
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	2900.	16387.667	110000.	91.	1057586239.697	32520.551	91.	210.	19150.	90800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.405	3.323	5.041	1.959	1.083	1.041	1.959	2.28	4.201	4.928
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2102.632								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	330.	4242.917	46000.	36.	173314493.902	13164.896	36.	91.	670.	32890.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.498	2.513	4.663	1.556	0.754	0.868	1.556	1.959	2.815	4.272
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			325.55								

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Annual Analysis for 1980 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	16.5	13.	21.	0.	59.273	7.699	0.9	4.5	19.75	20.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	12	18.5	15.	29.	-2.	115.091	10.728	3.3	2.5	23.	28.4
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	12	62.5	50.	100.	0.	2159.091	46.466	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	12	9.8	10.083	13.6	7.3	4.929	2.22	7.39	8.2	12.45	13.54
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/75-12/02/80	12	94.2	92.483	104.3	79.3	77.287	8.791	79.51	82.7	100.	103.22
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.1	1.592	8.1	0.1	4.512	2.124	0.16	0.475	1.575	6.27
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	6.992	7.4	6.6	0.057	0.239	6.6	6.825	7.175	7.34
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	12	7.	6.929	7.4	6.6	0.061	0.248	6.6	6.825	7.175	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	12	0.1	0.118	0.251	0.04	0.005	0.07	0.047	0.067	0.15	0.251
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.05	7.075	7.6	6.5	0.12	0.347	6.56	6.8	7.45	7.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.047	6.955	7.6	6.5	0.136	0.369	6.56	6.8	7.45	7.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.09	0.111	0.316	0.025	0.007	0.085	0.027	0.036	0.158	0.281
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	120.5	147.917	258.	73.	4420.447	66.486	75.7	106.25	220.25	257.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	2.	2.458	9.4	0.5	5.099	2.258	0.74	1.625	2.275	7.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.058	0.08	0.03	0.	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	1	19.3	19.3	19.3	19.3	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	40	19.	16.913	23.	6.	24.05	4.904	7.1	15.25	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	40	21.	18.708	32.	2.	51.197	7.155	8.	13.75	23.	26.9
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	40	25.	40.	100.	0.	1628.205	40.351	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	39	8.8	9.033	12.2	6.2	1.735	1.317	7.6	8.	9.7	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	37	1.	1.403	8.1	0.	2.389	1.546	0.08	0.5	1.65	3.52
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	33	7.2	7.242	7.9	6.7	0.108	0.328	6.8	7.	7.4	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	33	7.2	7.133	7.9	6.7	0.12	0.346	6.8	7.	7.4	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	33	0.063	0.074	0.2	0.013	0.003	0.052	0.016	0.04	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	38	7.25	7.25	7.7	6.2	0.103	0.321	6.79	7.1	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	38	7.247	7.099	7.7	6.2	0.126	0.356	6.79	7.1	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	38	0.057	0.08	0.631	0.02	0.011	0.103	0.025	0.032	0.079	0.163
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	38	1.71	1.907	9.4	0.2	2.327	1.526	0.5	0.99	2.473	3.117
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	32	0.08	0.151	0.51	0.	0.02	0.142	0.03	0.043	0.22	0.426
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	2200.	17112.353	240000.	90.	2164101703.387	46519.907	230.	750.	5325.	69500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	3.342	3.383	5.38	1.954	0.653	0.808	2.362	2.875	3.716	4.816
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2414.402								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	310.	3767.588	46000.	23.	123829775.643	11127.883	38.	92.5	510.	14150.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	2.476	2.557	4.663	1.362	0.653	0.808	1.579	1.966	2.694	4.007
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			360.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	42	5.	4.881	11.	-1.	10.546	3.248	1.	3.	8.	6.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	41	6.	5.024	18.	-10.	27.424	5.237	2.2	4.	10.	12.6
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	44	75.	60.227	100.	0.	1695.296	41.174	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	43	12.3	12.358	15.4	9.	1.423	1.193	10.76	11.6	13.2	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	44	1.6	1.743	3.8	0.	0.682	0.826	0.85	1.1	2.35	3.
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	40	7.1	7.078	7.8	5.9	0.145	0.381	6.6	6.8	7.4	7.59
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	40	7.1	6.883	7.8	5.9	0.184	0.429	6.6	6.8	7.4	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	40	0.079	0.131	1.259	0.016	0.039	0.197	0.026	0.04	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.2	7.105	7.7	6.4	0.1	0.315	6.65	6.8	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.2	6.986	7.7	6.4	0.114	0.337	6.65	6.8	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.063	0.103	0.398	0.02	0.007	0.086	0.032	0.05	0.158	0.225
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	1.95	2.157	4.8	0.7	0.867	0.931	1.05	1.57	2.643	3.575
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.11	0.155	0.61	0.	0.017	0.132	0.04	0.07	0.2	0.36
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	4300.	27525.9	460000.	70.	5942148317.272	77085.331	208.	930.	23000.	88300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	3.633	3.573	5.663	1.845	0.847	0.92	2.316	2.968	4.362	4.938
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3738.371								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	150.	721.025	4300.	15.	1493281.204	1221.999	36.	43.	750.	2390.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	2.176	2.29	3.633	1.176	0.519	0.72	1.556	1.633	2.875	3.378
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			195.052								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-08/13/86	25	14.	15.	21.	10.	10.583	3.253	10.6	12.5	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/05/72-08/13/86	26	15.5	16.5	24.	10.	20.1	4.483	10.7	12.75	21.25	23.
00032	CLOUD COVER (PERCENT)	01/05/72-08/13/86	28	75.	51.786	100.	0.	2311.508	48.078	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/05/72-12/02/80	25	10.1	9.904	12.	7.4	1.22	1.104	8.36	9.1	10.5	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	28	1.15	1.321	3.8	0.	0.786	0.887	0.3	0.7	2.025	2.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/05/72-08/13/86	25	7.2	7.136	7.8	6.7	0.084	0.29	6.76	6.85	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-08/13/86	25	7.2	7.051	7.8	6.7	0.092	0.303	6.76	6.85	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-08/13/86	25	0.063	0.089	0.2	0.016	0.003	0.055	0.025	0.05	0.142	0.175
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	28	7.25	7.2	7.9	6.4	0.126	0.355	6.59	7.	7.4	7.61
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	28	7.247	7.046	7.9	6.4	0.15	0.388	6.59	7.	7.4	7.61
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	28	0.057	0.09	0.398	0.013	0.008	0.092	0.025	0.04	0.1	0.258
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	28	1.625	1.718	3.13	0.6	0.319	0.565	0.98	1.4	2.13	2.525
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	27	0.08	0.113	0.42	0.03	0.008	0.089	0.04	0.04	0.15	0.242
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	25	2400.	21225.24	240000.	91.	2517880548.107	50178.487	542.	1900.	12000.	64800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	25	3.38	3.652	5.38	1.959	0.617	0.785	2.67	3.269	4.079	4.785
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4491.119								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	25	430.	1928.28	24000.	15.	23025408.127	4798.48	39.6	120.5	1500.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	25	2.633	2.644	4.38	1.176	0.575	0.759	1.598	2.068	3.176	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			440.669								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0494

NPS Station ID: GWMP0494
LAT/LON: 39.045281/ -77.261392
Agency: 21MDMONT
Date Created: / /
Location: SANDY BRANCH AT RIVER ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30050 /SBR-000.01
RMI-Indexes: 0214001 003160 00020
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 000.61
HUC: 02070008
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000507.58
RF3 Mile Point: 7.94
Distance from RF3: 0.08
On/Off RF3:
Description:
STATION ESTABLISHED ON SANDY BRANCH ON RIVER ROAD ONE HUNDRED YARDS UP- STREAM FROM BRIDGE CROSSING ON RIVER ROAD. ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	155	12.	11.652	23.	-1.	43.41	6.589	3.	6.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	155	14.	13.911	31.	-10.	74.343	8.622	4.	8.	22.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	160	37.5	48.125	100.	0.	1922.563	43.847	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	07/19/78-12/02/80	24	0.51	0.643	1.87	0.14	0.187	0.432	0.265	0.363	0.775	1.41
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	75	3.	7.073	134.	0.	283.228	16.829	0.	1.	6.	14.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	3.1	14.992	220.	0.8	1796.141	42.381	1.49	2.25	7.75	20.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	153	10.6	10.701	15.2	7.1	3.451	1.858	8.3	9.2	12.15	13.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	84	94.7	94.893	129.	73.2	101.942	10.097	80.25	89.65	99.175	105.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	109	1.2	1.327	6.5	0.	1.133	1.065	0.3	0.6	1.7	2.4
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	145	7.4	7.398	8.7	6.1	0.165	0.406	6.86	7.1	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	145	7.4	7.21	8.7	6.1	0.2	0.448	6.86	7.1	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	145	0.04	0.062	0.794	0.002	0.006	0.079	0.013	0.02	0.079	0.139
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	111	7.3	7.262	8.7	6.3	0.12	0.346	6.72	7.1	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	111	7.3	7.114	8.7	6.3	0.142	0.377	6.72	7.1	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	111	0.05	0.077	0.501	0.002	0.007	0.083	0.025	0.032	0.079	0.191
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	57	119.	137.877	505.	53.	4906.074	70.043	80.	102.5	162.	205.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	111	2.32	2.443	4.8	0.2	1.13	1.063	1.2	1.6	3.16	4.124
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	103	0.08	0.125	1.13	0.	0.022	0.15	0.03	0.04	0.14	0.276
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	13	2400.	21743.077	240000.	930.	4310107639.744	65651.41	930.	1950.	6950.	148400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-08/13/86	13	3.38	3.573	5.38	2.968	0.397	0.63	2.968	3.278	3.816	4.845
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3739.893								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	99	2300.	7832.808	110000.	15.	331573121.361	18209.149	230.	750.	4300.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	99	3.362	3.301	5.041	1.176	0.523	0.723	2.362	2.875	3.633	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1998.037								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	99	390.	1111.576	46000.	3.	21751126.777	4663.81	36.	91.	910.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	99	2.591	2.436	4.663	0.477	0.469	0.685	1.556	1.959	2.959	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			273.085								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	230.	8879.462	110000.	36.	923521790.769	30389.501	36.	120.5	680.	66960.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	2.362	2.567	5.041	1.556	0.807	0.898	1.556	2.068	2.801	4.377
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			368.922								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	17	0.36	0.531	2.4	0.16	0.325	0.57	0.168	0.28	0.48	1.696

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0494

				Total	Exceed	Prop.	----------7/01-10/31----------			----------11/01-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	2	0.14	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	153	0	0.00	56	0	0.00	60	0	0.00	37	0	0.00			
00400	PH	Other-Hi Lim.	9.	145	0	0.00	49	0	0.00	59	0	0.00	37	0	0.00			
		Other-Lo Lim.	6.5	145	1	0.01	49	0	0.00	59	1	0.02	37	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	111	0	0.00	39	0	0.00	44	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	111	3	0.03	39	1	0.03	44	1	0.02	28	1	0.04			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	111	0	0.00	39	0	0.00	44	0	0.00	28	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	11	0.85	6	6	1.00	4	3	0.75	3	2	0.67			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	99	60	0.61	34	20	0.59	40	20	0.50	25	20	0.80			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	99	64	0.65	34	24	0.71	40	18	0.45	25	22	0.88			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	9	0.69	6	5	0.83	4	2	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	48	14.	12.5	22.	0.	42.17	6.494	1.8	7.25	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	48	18.	15.958	30.	0.	72.296	8.503	3.	8.25	23.75	25.1
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	48	25.	41.146	100.	0.	2034.297	45.103	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	45	10.1	10.436	13.8	7.9	2.013	1.419	8.86	9.4	11.3	12.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	27	96.7	95.3	111.1	76.5	68.783	8.294	79.7	91.7	99.	105.32
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	46	7.7	7.726	8.7	7.1	0.098	0.313	7.3	7.5	7.9	8.13
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	46	7.7	7.629	8.7	7.1	0.108	0.328	7.3	7.5	7.9	8.13
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	46	0.02	0.023	0.079	0.002	0.	0.016	0.007	0.013	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	22	11.	11.318	21.	1.	34.418	5.867	3.6	6.	17.25	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	22	15.	13.318	28.	-2.	67.084	8.191	4.3	6.	22.	23.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	24	62.5	51.042	100.	0.	2254.303	47.479	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	24	11.2	10.858	14.7	8.1	4.168	2.042	8.2	8.625	12.55	13.75
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	24	1.15	1.371	6.4	0.	1.595	1.263	0.15	0.625	1.775	2.35
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	17	7.5	7.565	8.1	7.2	0.072	0.269	7.2	7.35	7.75	8.02
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	17	7.5	7.495	8.1	7.2	0.078	0.279	7.2	7.35	7.75	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	17	0.032	0.032	0.063	0.008	0.	0.017	0.01	0.018	0.045	0.063
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.3	7.329	7.7	7.	0.038	0.194	7.1	7.2	7.475	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.3	7.29	7.7	7.	0.039	0.198	7.1	7.2	7.475	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.05	0.051	0.1	0.02	0.	0.021	0.023	0.034	0.063	0.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	2.19	2.162	3.35	1.05	0.46	0.678	1.215	1.613	2.653	3.18
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.185	0.211	1.13	0.	0.048	0.218	0.035	0.1	0.248	0.35
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	2300.	11322.208	93000.	23.	660512851.824	25700.445	190.	510.	4300.	58000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.362	3.332	4.968	1.362	0.721	0.849	2.269	2.694	3.633	4.665
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2147.911								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	410.	776.208	4300.	9.	1100111.563	1048.862	43.	93.	930.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.612	2.511	3.633	0.954	0.422	0.649	1.633	1.968	2.968	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			324.466								

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Annual Analysis for 1973 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	19	11.	11.789	22.	3.	37.731	6.143	3.	6.	16.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	19	14.	14.158	26.	1.	48.029	6.93	4.	10.	20.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	20	50.	52.5	100.	0.	2032.895	45.088	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	19	10.8	10.7	12.9	8.2	2.713	1.647	8.3	9.2	12.2	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	20	1.2	1.175	2.1	0.3	0.245	0.495	0.42	0.725	1.5	1.88
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	18	7.2	7.183	7.6	6.7	0.071	0.266	6.7	7.	7.4	7.51
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	18	7.2	7.104	7.6	6.7	0.078	0.279	6.7	7.	7.4	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	18	0.063	0.079	0.2	0.025	0.003	0.052	0.031	0.04	0.1	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.45	7.46	7.7	7.2	0.021	0.147	7.21	7.4	7.6	7.69
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.447	7.436	7.7	7.2	0.022	0.149	7.21	7.4	7.6	7.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.036	0.037	0.063	0.02	0.	0.013	0.02	0.025	0.04	0.062
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.88	3.084	4.52	2.08	0.566	0.753	2.126	2.495	3.493	4.314
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.05	0.077	0.27	0.02	0.004	0.067	0.03	0.05	0.078	0.238
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	1515.	4922.25	43000.	15.	90112222.303	9492.746	230.	750.	4300.	9300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	3.145	3.191	4.633	1.176	0.575	0.758	2.362	2.875	3.633	3.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1552.456								

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Annual Analysis for 1973 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	330.	634.9	4300.	15.	1059397.779	1029.271	43.	76.75	430.	2220.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	2.498	2.394	3.633	1.176	0.402	0.634	1.633	1.883	2.633	3.343
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			247.676								

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Annual Analysis for 1974 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	8.	8.25	17.	3.	29.071	5.392	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	8	7.	8.375	20.	0.	53.125	7.289	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	8	87.5	68.75	100.	0.	1919.643	43.814	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	12.2	12.238	14.5	9.8	2.368	1.539	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	8	1.65	1.525	2.4	0.	0.491	0.701	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	6	7.3	7.233	7.7	6.8	0.095	0.308	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	6	7.3	7.146	7.7	6.8	0.104	0.322	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	6	0.05	0.071	0.158	0.02	0.002	0.05	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.4	7.463	7.8	7.3	0.037	0.192	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.389	7.429	7.8	7.3	0.038	0.196	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.041	0.037	0.05	0.016	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	3.005	3.118	4.8	1.6	1.047	1.023	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.16	0.188	0.4	0.03	0.021	0.146	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	1615.	4430.	24000.	110.	64296114.286	8018.486	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.165	3.187	4.38	2.041	0.463	0.68	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1538.657								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	160.5	285.375	930.	30.	89861.696	299.769	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.16	2.239	2.968	1.477	0.235	0.484	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			173.23								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	3	20.	19.667	21.	18.	2.333	1.528	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	3	22.	22.	23.	21.	1.	1.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	3	100.	83.333	100.	50.	833.333	28.868	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	3	9.5	9.5	9.6	9.4	0.01	0.1	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	3	103.3	102.967	106.7	98.9	15.293	3.911	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	3 ##	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	3	7.6	7.533	7.9	7.1	0.163	0.404	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	3	7.6	7.408	7.9	7.1	0.187	0.432	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	3	0.025	0.039	0.079	0.013	0.001	0.036	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	3	4.14	3.627	4.54	2.2	1.567	1.252	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	3	0.1	0.103	0.11	0.1	0.	0.006	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	7500.	11266.667	24000.	2300.	128363333.333	11329.754	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	3.875	3.872	4.38	3.362	0.259	0.509	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7453.04								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	910.	756.667	930.	430.	80133.333	283.078	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	2.959	2.854	2.968	2.633	0.036	0.191	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			713.944								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	10.5	10.917	20.	1.	49.72	7.051	1.3	4.25	18.25	19.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	11.5	12.25	23.	2.	59.477	7.712	2.3	4.75	21.25	23.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	25.	47.917	100.	0.	1870.265	43.247	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	11.7	11.7	15.2	8.4	5.524	2.35	8.55	9.4	13.575	15.02
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	97.95	103.233	129.	89.	182.088	13.494	89.27	91.95	114.55	127.08
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	0.8	0.917	2.3	0.	0.592	0.77	0.03	0.225	1.575	2.21
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.15	7.275	8.	6.9	0.102	0.319	6.9	7.1	7.475	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.147	7.188	8.	6.9	0.11	0.332	6.9	7.1	7.475	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.071	0.065	0.126	0.01	0.001	0.037	0.015	0.034	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.35	7.325	8.7	6.7	0.267	0.517	6.7	7.025	7.4	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.347	7.136	8.7	6.7	0.307	0.554	6.7	7.025	7.4	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.045	0.073	0.2	0.002	0.004	0.064	0.009	0.04	0.095	0.2
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	118.5	131.333	205.	65.	1733.333	41.633	70.7	110.25	171.5	197.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.76	2.043	4.09	1.08	0.687	0.829	1.176	1.495	2.583	3.694
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.06	0.09	0.34	0.03	0.007	0.086	0.033	0.04	0.118	0.28
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	1215.	6923.333	46000.	430.	194475351.515	13945.442	430.	930.	2375.	39400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.072	3.289	4.663	2.633	0.398	0.631	2.633	2.968	3.376	4.578
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1943.717								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	230.	635.917	4300.	3.	1426152.992	1194.216	6.6	92.25	790.	3283.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.362	2.262	3.633	0.477	0.687	0.829	0.687	1.942	2.878	3.431
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			182.632								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	17.	11.286	19.	-1.	69.571	8.341	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	7	15.	11.429	20.	-2.	77.952	8.829	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	8	37.5	37.5	100.	0.	1071.429	32.733	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	7	8.1	9.386	13.4	7.1	6.478	2.545	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	7	81.7	82.571	91.9	73.2	54.886	7.408	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	7	1.4	1.614	3.	0.4	1.091	1.045	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	7	7.4	7.114	7.6	6.1	0.321	0.567	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	7	7.4	6.754	7.6	6.1	0.473	0.688	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	7	0.04	0.176	0.794	0.025	0.078	0.279	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.25	7.263	7.6	7.	0.063	0.25	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.247	7.203	7.6	7.	0.067	0.258	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.057	0.063	0.1	0.025	0.001	0.033	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	8	124.5	143.75	226.	99.	2186.786	46.763	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	1.95	2.159	4.8	0.6	1.744	1.32	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.095	0.166	0.7	0.04	0.048	0.219	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3350.	7628.75	24000.	430.	86417469.643	9296.1	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.507	3.588	4.38	2.633	0.318	0.564	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3875.367								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	190.	767.625	4300.	15.	2124735.125	1457.647	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.269	2.259	3.633	1.176	0.71	0.843	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			181.71								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	-1.	9.273	20.	-1.	50.618	7.115	3.2	8.	14.	19.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	11	11.	12.	31.	-3.	103.8	10.188	6.4	-1.	21.	29.6
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	50.	43.75	100.	0.	1718.75	41.458	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	11.	10.6	13.5	8.	2.94	1.715	8.16	9.1	11.8	13.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	92.3	90.9	113.5	76.	118.098	10.867	76.1	82.	99.1	110.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.3	1.317	3.4	0.	0.809	0.899	0.18	0.6	1.775	2.98
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.3	7.2	8.2	6.6	0.196	0.443	6.6	6.775	7.4	7.96
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.3	7.022	8.2	6.6	0.231	0.481	6.6	6.775	7.4	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.05	0.095	0.251	0.006	0.008	0.087	0.016	0.04	0.175	0.251
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.25	7.233	7.7	6.8	0.09	0.299	6.8	7.	7.475	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.247	7.142	7.7	6.8	0.099	0.314	6.8	7.	7.475	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.057	0.072	0.158	0.02	0.002	0.048	0.022	0.034	0.1	0.158
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	119.	129.083	224.	53.	2834.992	53.245	59.9	85.75	175.75	217.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	2.55	2.775	4.6	1.2	1.638	1.28	1.26	1.55	4.1	4.48
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.04	0.061	0.3	0.	0.007	0.082	0.	0.01	0.07	0.243
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	1215.	1398.333	4600.	230.	1529215.152	1236.614	230.	430.	1950.	3940.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.072	2.985	3.663	2.362	0.169	0.412	2.362	2.633	3.286	3.578
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			966.203								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	430.	586.667	1500.	40.	200078.788	447.302	73.	170.	930.	1329.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.633	2.602	3.176	1.602	0.208	0.456	1.774	2.223	2.968	3.114
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			399.944								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	9.	10.167	20.	0.	40.515	6.365	0.6	5.75	14.75	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	13.	11.5	26.	-10.	105.182	10.256	3.3	6.5	23.5	0.8
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	62.5	52.083	100.	0.	1983.902	44.541	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	11.	10.975	13.2	8.2	2.808	1.676	8.44	9.45	12.65	13.17
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	94.15	95.367	102.7	88.8	28.753	5.362	88.89	90.5	101.425	102.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	10	1.95	1.98	4.	0.	1.262	1.123	0.11	1.175	2.775	3.9
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.05	7.075	7.7	6.8	0.073	0.27	6.8	6.825	7.275	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.047	7.011	7.7	6.8	0.077	0.278	6.8	6.825	7.275	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.09	0.097	0.158	0.02	0.002	0.048	0.029	0.053	0.15	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.7	6.725	7.3	6.3	0.102	0.319	6.3	6.45	6.95	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.7	6.629	7.3	6.3	0.112	0.335	6.3	6.45	6.95	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.2	0.235	0.501	0.05	0.024	0.154	0.054	0.115	0.361	0.501
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	109.	142.333	505.	76.	13894.97	117.877	77.2	80.5	147.	403.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.8	1.767	3.3	0.2	0.753	0.868	0.44	1.05	2.175	3.21
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.07	0.09	0.37	0.	0.011	0.103	0.	0.04	0.11	0.324
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3350.	14595.	110000.	230.	952454081.818	30861.855	230.	510.	11000.	84200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.492	3.489	5.041	2.362	0.714	0.845	2.362	2.694	4.041	4.843
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3081.961								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	330.	4446.167	46000.	36.	172649464.333	13139.614	36.	36.	885.	33490.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.498	2.512	4.663	1.556	0.915	0.956	1.556	1.556	2.945	4.354
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			324.824								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	15.	13.	23.	0.	63.273	7.954	0.9	4.5	20.	22.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	12	17.5	14.917	29.	-1.	109.902	10.483	3.3	2.75	23.	28.4
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	12	62.5	50.	100.	0.	2159.091	46.466	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	9.55	10.242	14.6	7.7	5.47	2.339	7.73	8.35	12.35	14.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	96.6	93.992	102.2	80.	47.943	6.924	81.11	89.125	99.05	101.54
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	0.75	1.367	6.5	0.4	2.942	1.715	0.4	0.4	1.55	5.21
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.1	7.125	7.6	6.8	0.051	0.226	6.8	7.	7.2	7.54
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	12	7.1	7.075	7.6	6.8	0.054	0.232	6.8	7.	7.2	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	12	0.079	0.084	0.158	0.025	0.002	0.041	0.03	0.063	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.1	7.1	7.5	6.6	0.051	0.226	6.72	7.	7.2	7.47
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.1	7.043	7.5	6.6	0.054	0.233	6.72	7.	7.2	7.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.079	0.091	0.251	0.032	0.003	0.056	0.034	0.063	0.1	0.206
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	116.5	144.417	346.	87.	4894.629	69.962	91.2	103.25	160.5	297.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.6	2.125	4.8	0.8	1.624	1.274	0.83	1.225	3.075	4.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.066	0.08	0.04	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	57	18.	16.772	23.	5.	18.179	4.264	8.8	16.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	57	22.	19.705	31.	2.	44.137	6.644	8.8	16.	24.	28.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	57	25.	36.842	100.	0.	1587.171	39.839	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	56	9.15	9.22	12.2	7.1	1.158	1.076	7.97	8.325	9.7	10.93
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	30	93.25	92.303	106.7	73.2	62.012	7.875	81.73	88.425	98.9	101.81
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	39	0.9	1.131	6.5	0.	1.458	1.207	0.	0.4	1.4	2.7
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	49	7.5	7.451	8.2	6.7	0.146	0.382	7.	7.1	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	49	7.5	7.298	8.2	6.7	0.17	0.412	7.	7.1	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	49	0.032	0.05	0.2	0.006	0.002	0.043	0.01	0.018	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	39	7.4	7.318	7.9	6.3	0.107	0.327	6.8	7.1	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	39	7.4	7.167	7.9	6.3	0.13	0.361	6.8	7.1	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	39	0.04	0.068	0.501	0.013	0.007	0.084	0.02	0.025	0.079	0.158
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	39	2.39	2.443	4.8	0.2	1.375	1.172	0.9	1.4	3.1	4.14
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	33	0.08	0.147	1.13	0.	0.049	0.221	0.02	0.045	0.14	0.334
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	2100.	11211.765	110000.	230.	614751839.216	24794.19	230.	885.	9300.	35000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	3.322	3.398	5.041	2.362	0.55	0.742	2.362	2.945	3.968	4.521
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2499.849								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	430.	2118.853	46000.	15.	61553975.16	7845.634	81.5	150.	930.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	2.633	2.599	4.663	1.176	0.45	0.671	1.908	2.176	2.968	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			396.819								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	60	6.	4.867	11.	-1.	11.202	3.347	0.1	3.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	59	6.	5.627	18.	-10.	26.307	5.129	1.	4.	10.	13.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	62	75.	59.274	100.	0.	1849.055	43.001	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	60	12.4	12.385	15.2	9.1	1.726	1.314	10.71	11.4	13.35	14.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	92.6	93.766	122.6	76.	130.329	11.416	76.5	88.65	99.6	112.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	43	1.6	1.712	6.4	0.	1.008	1.004	0.6	1.1	2.	2.5
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	59	7.4	7.307	8.7	6.1	0.166	0.407	6.8	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	59	7.4	7.105	8.7	6.1	0.207	0.455	6.8	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	59	0.04	0.079	0.794	0.002	0.012	0.111	0.02	0.032	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.3	7.195	7.7	6.3	0.086	0.293	6.7	7.	7.4	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.3	7.076	7.7	6.3	0.101	0.317	6.7	7.	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.05	0.084	0.501	0.02	0.007	0.085	0.032	0.04	0.1	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	2.435	2.617	4.8	1.	1.301	1.141	1.15	1.6	3.448	4.265
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.07	0.118	0.4	0.	0.01	0.097	0.04	0.05	0.15	0.284
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	1215.	7602.45	93000.	15.	280229833.69	16740.067	158.	430.	4300.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	40	3.072	3.181	4.968	1.176	0.708	0.841	2.195	2.633	3.633	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1518.197								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	121.5	325.825	2300.	3.	272571.43	522.084	15.	40.75	430.	910.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	40	2.072	2.081	3.362	0.477	0.442	0.665	1.176	1.61	2.633	2.959
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			120.599								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-08/13/86	38	14.	14.684	20.	9.	10.817	3.289	10.	12.	17.25	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-08/13/86	39	18.	17.974	26.	10.	22.236	4.716	12.	14.	23.	24.
00032	CLOUD COVER (PERCENT)	01/22/71-08/13/86	41	25.	46.951	100.	0.	2224.848	47.168	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0494

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	37	10.	10.211	12.8	7.5	1.588	1.26	8.84	9.4	11.15	12.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	25	97.8	99.308	129.	77.3	95.344	9.764	90.54	94.15	103.25	112.06
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	27	0.8	0.996	2.5	0.	0.533	0.73	0.	0.4	1.5	2.04
00400	PH (STANDARD UNITS)	01/22/71-08/13/86	37	7.4	7.473	8.4	6.7	0.174	0.417	6.98	7.15	7.8	8.04
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-08/13/86	37	7.4	7.303	8.4	6.7	0.204	0.451	6.98	7.15	7.8	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-08/13/86	37	0.04	0.05	0.2	0.004	0.002	0.044	0.009	0.016	0.071	0.105
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	28	7.35	7.289	8.7	6.4	0.188	0.434	6.7	7.	7.5	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	28	7.347	7.109	8.7	6.4	0.222	0.471	6.7	7.	7.5	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	28	0.045	0.078	0.398	0.002	0.007	0.081	0.02	0.032	0.1	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	28	2.1	2.168	4.1	1.3	0.468	0.684	1.501	1.618	2.54	3.473
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	27	0.07	0.11	0.4	0.	0.012	0.109	0.	0.04	0.14	0.29
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	25	2300.	3606.	21000.	230.	18392983.333	4288.704	430.	1500.	4300.	9300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	25	3.362	3.359	4.322	2.362	0.186	0.432	2.633	3.176	3.633	3.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2286.138								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	25	910.	998.88	4300.	91.	1257859.61	1121.543	120.4	230.	930.	3100.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	25	2.959	2.783	3.633	1.959	0.206	0.454	2.071	2.362	2.968	3.47
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			607.434								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0495

NPS Station ID: GWMP0495
LAT/LON: 39.045281/ -77.261949
Agency: 21MDMONT
Date Created: / /
Location: TRIB TO SANDY BR-STONY CR RD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30060 /T/SBR-000.01
RMI-Indexes: 0214001 003160 00020 0010 0010
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 000.60 000.01 000.01
HUC: 02070008
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008077700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
STATION ESTABLISHED ON TRIBUTARY TO SANDY BRANCH AT STONY CREED ROAD. ESTABLISHED JANUARY 1971. SAMPLING DISCONTINUED DECEMBER 1971.

Parameter Inventory for Station: GWMP0495

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-11/30/71	45	14.	12.578	20.	0.	36.022	6.002	2.2	8.	18.	18.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-11/30/71	45	18.	16.2	30.	-3.	77.255	8.789	3.6	3.5	23.5	25.4
00032	CLOUD COVER (PERCENT)	01/22/71-11/30/71	45	25.	41.111	100.	0.	2049.874	45.276	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-11/30/71	44	10.2	10.209	12.8	8.3	1.641	1.281	8.55	9.	11.3	12.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-08/18/71	28	94.3	92.796	106.2	70.3	61.644	7.851	81.53	88.	97.175	103.08
00400	PH (STANDARD UNITS)	01/22/71-11/30/71	40	7.5	7.52	8.7	7.	0.084	0.29	7.2	7.4	7.675	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-11/30/71	40	7.5	7.443	8.7	7.	0.09	0.3	7.2	7.4	7.675	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-11/30/71	40	0.032	0.036	0.1	0.002	0.	0.021	0.016	0.021	0.04	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0495

				Total	Exceed	Prop.	7/01-10/31			11/01-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	44	0	0.00	17	0	0.00	14	0	0.00	13	0	0.00			
00400	PH	Other-Hi Lim.	9.	40	0	0.00	16	0	0.00	14	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	40	0	0.00	16	0	0.00	14	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0496

NPS Station ID: GWMP0496
LAT/LON: 39.045837/ -77.217227
Agency: 21MDMONT
Date Created: / /
Location: KILGOUR BRANCH AT GLEN ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30081
RMI-Indexes: 0214001 003160 00020 0040
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 004.10 000.01
HUC: 02070008
Depth of Water: 999
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 3.070
Distance from RF1: 0.30
On/Off RF1: OFF
RF3 Index: 02070010003111.19
RF3 Mile Point: 11.19
Distance from RF3: 0.03
On/Off RF3:
Description:
STATION ESTABLISHED ON KILGOUR BRANCH 20 FEET DOWN STREAM FROM CULVERT UNDER GLEN ROAD. STATION ESTABLISHED AUGUST 1973.

Parameter Inventory for Station: GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	69	10.	10.826	21.	-1.	36.558	6.046	3.	6.	16.5	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	68	11.	12.118	31.	-11.	82.941	9.107	3.	8.	19.	25.1
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	71	25.	42.254	100.	0.	1939.135	44.036	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/28/73-10/31/77	35	4.	9.457	160.	0.	727.491	26.972	0.	1.	7.	17.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	2.85	9.497	100.	0.5	379.209	19.473	0.8	1.8	6.575	29.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	69	10.6	10.68	14.6	7.2	3.592	1.895	8.1	9.1	12.35	13.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	54	91.9	93.078	129.2	74.4	119.073	10.912	78.55	87.175	97.875	106.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	69	1.3	1.472	6.1	0.	1.377	1.174	0.3	0.6	1.8	3.3
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	68	7.	7.056	7.9	6.5	0.104	0.323	6.69	6.8	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	68	7.	6.953	7.9	6.5	0.115	0.339	6.69	6.8	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	68	0.1	0.111	0.316	0.013	0.005	0.072	0.025	0.05	0.158	0.205
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	71	7.	6.982	7.9	6.2	0.138	0.372	6.4	6.8	7.3	7.48
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	71	7.	6.831	7.9	6.2	0.161	0.401	6.4	6.8	7.3	7.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	71	0.1	0.147	0.631	0.013	0.018	0.133	0.033	0.05	0.158	0.398
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	94.5	108.339	339.	43.	2046.265	45.236	71.4	84.	121.5	150.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	71	2.3	2.348	6.06	0.4	0.722	0.85	1.426	2.	2.6	3.278
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/73-05/29/80	63	0.08	0.156	2.19	0.	0.086	0.294	0.034	0.04	0.14	0.348
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	2400.	5621.667	24000.	230.	50991833.333	7140.857	440.	1700.	8125.	21300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.38	3.465	4.38	2.362	0.293	0.541	2.544	3.223	3.892	4.319
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2915.423								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	59	1500.	11562.203	240000.	30.	1914906065.751	43759.64	230.	430.	4300.	9300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	59	3.176	3.183	5.38	1.477	0.547	0.739	2.362	2.633	3.633	3.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1522.835								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	59	150.	3045.237	110000.	15.	237347419.839	15406.084	15.	40.	430.	910.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	59	2.176	2.21	5.041	1.176	0.62	0.788	1.176	1.602	2.633	2.959
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			162.194								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	190.	2368.167	24000.	15.	46809157.97	6841.722	21.3	49.75	670.	17490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.269	2.381	4.38	1.176	0.758	0.871	1.29	1.657	2.815	4.075
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.521								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.39	0.459	0.76	0.21	0.039	0.197	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0496

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	2	0.14	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	69	0	0.00	26	0	0.00	28	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	68	0	0.00	25	0	0.00	26	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	68	1	0.01	25	1	0.04	26	0	0.00	17	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	71	0	0.00	26	0	0.00	28	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	71	10	0.14	26	2	0.08	28	6	0.21	17	2	0.12			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	71	0	0.00	26	0	0.00	28	0	0.00	17	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	10	0.83	5	5	1.00	4	3	0.75	3	2	0.67			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	59	30	0.51	21	12	0.57	24	12	0.50	14	6	0.43			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	59	28	0.47	21	14	0.67	24	5	0.21	14	9	0.64			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	6	0.50	5	5	1.00	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	7	11.	12.	18.	4.	22.333	4.726	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	6	14.5	15.333	24.	10.	34.267	5.854	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	7	0.	17.857	100.	0.	1398.81	37.401	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	7	10.3	10.586	12.3	8.7	1.448	1.203	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	7	1.1	1.	1.6	0.6	0.163	0.404	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	6	7.15	7.083	7.6	6.5	0.158	0.397	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	6	7.125	6.933	7.6	6.5	0.185	0.43	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	6	0.075	0.117	0.316	0.025	0.012	0.109	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	7	7.3	7.243	7.4	7.	0.03	0.172	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	7	7.3	7.213	7.4	7.	0.031	0.175	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	7	0.05	0.061	0.1	0.04	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	7	3.11	3.467	6.06	2.51	1.414	1.189	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	8	7.	8.625	18.	4.	24.268	4.926	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	8	6.5	7.875	19.	0.	51.554	7.18	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	8	100.	65.625	100.	0.	2310.268	48.065	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	8	12.4	11.963	13.7	8.9	2.443	1.563	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	8	1.5	1.538	2.5	0.3	0.534	0.731	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	6	7.15	7.117	7.8	6.6	0.226	0.475	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	6	7.125	6.928	7.8	6.6	0.268	0.518	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	6	0.075	0.118	0.251	0.016	0.011	0.107	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	8	7.3	7.288	7.7	7.	0.05	0.223	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	8	7.3	7.242	7.7	7.	0.052	0.229	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	8	0.05	0.057	0.1	0.02	0.001	0.026	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	8	3.245	3.349	4.77	2.53	0.652	0.808	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	11.	10.833	19.	3.	35.424	5.952	3.	4.5	16.75	18.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	11.5	12.083	23.	1.	58.629	7.657	1.3	6.25	20.5	23.
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	12	25.	43.75	100.	0.	2173.295	46.619	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	12	11.5	11.458	14.6	8.2	4.761	2.182	8.32	9.45	13.675	14.48
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	12	95.3	101.55	129.2	82.8	208.581	14.442	85.02	91.375	115.775	126.32
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	12	0.9	0.917	1.8	0.1	0.431	0.656	0.1	0.225	1.5	1.8
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	12	7.1	7.1	7.6	6.7	0.062	0.249	6.73	6.875	7.275	7.51
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	12	7.1	7.037	7.6	6.7	0.066	0.257	6.73	6.875	7.275	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.079	0.092	0.2	0.025	0.003	0.052	0.033	0.053	0.139	0.187
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	12	7.05	7.133	7.6	6.5	0.108	0.328	6.59	7.	7.45	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	12	7.047	7.019	7.6	6.5	0.122	0.35	6.59	7.	7.45	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.09	0.096	0.316	0.025	0.006	0.08	0.025	0.036	0.1	0.269
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	90.	97.333	172.	43.	1144.788	33.835	49.6	79.5	113.25	161.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	12	2.13	1.988	2.49	0.98	0.179	0.423	1.145	1.78	2.235	2.472

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	7	15.	10.714	18.	-1.	57.905	7.61	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	7	15.	11.	20.	-4.	85.	9.22	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	8	12.5	34.375	100.	0.	1774.554	42.125	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	7	8.8	9.386	12.9	7.3	4.931	2.221	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	7	76.8	82.014	92.6	74.4	67.305	8.204	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	7	1.7	2.214	5.5	0.5	3.535	1.88	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	8	7.4	7.337	7.9	6.7	0.16	0.4	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	8	7.355	7.179	7.9	6.7	0.189	0.434	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	8	0.044	0.066	0.2	0.013	0.004	0.062	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	8	6.9	7.	7.4	6.8	0.046	0.214	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	8	6.9	6.96	7.4	6.8	0.048	0.218	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	8	0.126	0.11	0.158	0.04	0.002	0.044	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	89.	128.875	339.	69.	7930.982	89.056	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	8	1.9	1.796	2.47	0.8	0.251	0.501	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	11	10.	9.636	19.	-1.	42.455	6.516	1.4	8.	14.	18.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	11	10.	11.455	29.	-4.	96.273	9.812	8.	8.	22.	27.6
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	12	25.	33.333	100.	0.	1515.152	38.925	0.	0.	68.75	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	11	10.2	10.7	13.	7.9	2.838	1.685	8.1	9.5	12.4	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	11	91.9	92.518	115.4	78.8	99.618	9.981	79.84	84.9	97.5	112.32
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	12	1.05	1.275	3.3	0.	0.898	0.948	0.12	0.525	2.1	2.97
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	12	7.	7.042	7.7	6.7	0.074	0.271	6.73	6.825	7.175	7.58
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	12	7.	6.979	7.7	6.7	0.078	0.279	6.73	6.825	7.175	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.1	0.105	0.2	0.02	0.003	0.051	0.029	0.067	0.15	0.187
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	12	6.85	6.842	7.	6.7	0.012	0.108	6.7	6.725	6.9	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	12	6.847	6.829	7.	6.7	0.012	0.109	6.7	6.725	6.9	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.142	0.148	0.2	0.1	0.001	0.037	0.1	0.126	0.189	0.2
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	87.	85.75	103.	63.	156.386	12.505	65.1	74.25	95.25	102.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	12	2.4	2.35	2.6	1.9	0.057	0.239	1.93	2.15	2.575	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	10.	10.583	21.	1.	34.265	5.854	1.6	7.	15.75	19.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	12.5	11.5	26.	-11.	103.909	10.194	3.6	8.5	23.5	0.1
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	12	50.	47.917	100.	0.	1756.629	41.912	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	12	10.8	10.508	12.2	8.4	2.243	1.498	8.43	9.2	12.15	12.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	12	92.55	92.625	105.2	82.8	35.175	5.931	83.73	88.3	96.425	103.13
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	11	1.6	2.045	6.1	0.2	2.965	1.722	0.24	0.8	3.3	5.56
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	12	6.9	6.958	7.4	6.6	0.086	0.294	6.6	6.7	7.275	7.37
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	12	6.889	6.875	7.4	6.6	0.094	0.306	6.6	6.7	7.275	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.129	0.133	0.251	0.04	0.006	0.079	0.043	0.053	0.2	0.251
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	12	6.55	6.55	6.8	6.2	0.039	0.198	6.26	6.4	6.775	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	12	6.547	6.509	6.8	6.2	0.041	0.202	6.26	6.4	6.775	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.284	0.31	0.631	0.158	0.02	0.142	0.158	0.169	0.398	0.561
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	95.	106.833	168.	80.	739.061	27.186	81.8	90.25	122.75	162.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	12	2.3	2.008	2.7	0.4	0.537	0.733	0.52	1.725	2.5	2.67

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	15.5	13.	20.	2.	47.455	6.889	2.6	5.5	19.75	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	12	16.5	15.25	31.	-4.	129.295	11.371	4.	2.	25.5	29.8
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	12	37.5	47.917	100.	0.	2552.083	50.518	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	12	9.9	10.008	13.4	7.2	4.132	2.033	7.44	8.125	12.1	13.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/76-12/02/80	12	92.9	92.025	99.	78.3	44.746	6.689	79.56	88.05	98.025	98.82
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	12	1.7	1.5	3.4	0.2	0.929	0.964	0.23	0.5	2.	3.13
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	12	6.9	6.892	7.3	6.6	0.035	0.188	6.63	6.725	7.	7.21
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	12	6.9	6.857	7.3	6.6	0.037	0.192	6.63	6.725	7.	7.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.126	0.139	0.251	0.05	0.003	0.056	0.065	0.1	0.189	0.236
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	12	7.	7.033	7.9	6.2	0.279	0.528	6.26	6.525	7.45	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	12	6.989	6.765	7.9	6.2	0.357	0.598	6.26	6.525	7.45	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	12	0.103	0.172	0.631	0.013	0.038	0.196	0.015	0.036	0.33	0.561
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	121.	129.75	239.	83.	1646.023	40.571	86.3	100.5	144.	213.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	12	2.2	2.092	3.	0.6	0.388	0.623	0.81	2.	2.5	2.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	26	16.5	15.192	21.	6.	21.282	4.613	6.7	10.75	19.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	26	18.5	17.423	31.	1.	58.654	7.659	6.5	11.5	23.25	26.9
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	26	0.	31.731	100.	0.	1727.885	41.568	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	26	8.9	9.142	12.2	7.2	1.728	1.315	7.51	8.175	9.9	11.33
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	24	0.85	1.442	6.1	0.	2.125	1.458	0.2	0.6	1.95	3.7
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	25	7.	7.092	7.9	6.5	0.124	0.352	6.7	6.8	7.3	7.64
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	25	7.	6.975	7.9	6.5	0.138	0.372	6.7	6.8	7.3	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	25	0.1	0.106	0.316	0.013	0.005	0.073	0.023	0.05	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	26	7.	7.062	7.9	6.2	0.156	0.395	6.54	6.875	7.4	7.56
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	26	7.	6.89	7.9	6.2	0.187	0.432	6.54	6.875	7.4	7.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	26	0.1	0.129	0.631	0.013	0.018	0.134	0.028	0.04	0.134	0.295
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	26	2.22	2.056	3.4	0.4	0.676	0.822	0.74	1.675	2.525	3.188
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/73-05/29/80	20	0.08	0.214	2.19	0.	0.228	0.477	0.003	0.048	0.148	0.398
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	21	1500.	14815.714	240000.	90.	2689834245.714	51863.612	494.	930.	4600.	21060.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	21	3.176	3.347	5.38	1.954	0.487	0.698	2.682	2.968	3.663	4.298
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2222.342								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	21	430.	2993.429	46000.	36.	101102429.257	10054.97	36.8	110.	430.	7900.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	21	2.633	2.531	4.663	1.556	0.599	0.774	1.565	2.011	2.633	3.847
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			339.588								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	28	5.	5.143	11.	-1.	11.534	3.396	1.9	3.25	1.5	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	27	8.	4.667	18.	-11.	39.538	6.288	1.8	4.	10.	13.2
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	28	50.	55.357	100.	0.	1729.497	41.587	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	28	12.4	12.354	14.6	8.9	1.411	1.188	10.57	12.	12.975	14.11
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	28	1.6	1.618	3.4	0.1	0.488	0.699	0.76	1.225	1.8	2.58
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	26	7.	7.008	7.6	6.6	0.074	0.273	6.67	6.775	7.3	7.33
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	26	7.	6.931	7.6	6.6	0.08	0.284	6.67	6.775	7.3	7.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	26	0.1	0.117	0.251	0.025	0.005	0.067	0.047	0.05	0.169	0.215
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	28	6.85	6.886	7.6	6.2	0.124	0.352	6.4	6.7	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	28	6.847	6.749	7.6	6.2	0.144	0.379	6.4	6.7	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	28	0.142	0.178	0.631	0.025	0.023	0.151	0.05	0.079	0.2	0.398
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	28	2.495	2.656	6.06	1.53	0.904	0.951	1.89	2.155	2.683	4.338
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/73-05/29/80	27	0.11	0.127	0.67	0.	0.019	0.136	0.024	0.05	0.14	0.282
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	24	1215.	3850.	46000.	30.	86002469.565	9273.752	90.	430.	2400.	8400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	24	3.072	3.049	4.663	1.477	0.5	0.707	1.954	2.633	3.38	3.922
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1119.456								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	24	91.	135.625	910.	15.	39623.723	199.057	15.	15.	150.	395.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	24	1.959	1.798	2.959	1.176	0.305	0.552	1.176	1.176	2.176	2.595
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			62.8								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/73-12/02/80	15	14.	13.867	18.	10.	7.41	2.722	10.	11.	17.	17.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/28/73-12/02/80	15	15.	16.333	27.	8.	40.381	6.355	9.2	11.	22.	26.4
00032	CLOUD COVER (PERCENT)	08/28/73-12/02/80	17	0.	36.765	100.	0.	2352.941	48.507	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	08/28/73-12/02/80	15	10.2	10.22	12.2	7.8	1.417	1.191	8.46	9.2	11.	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/73-12/02/80	17	0.6	1.276	5.5	0.2	1.896	1.377	0.2	0.3	2.1	3.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/28/73-12/02/80	17	7.1	7.076	7.8	6.6	0.128	0.358	6.6	6.8	7.3	7.64
00400	CONVERTED PH (STANDARD UNITS)	08/28/73-12/02/80	17	7.1	6.956	7.8	6.6	0.144	0.379	6.6	6.8	7.3	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	17	0.079	0.111	0.251	0.016	0.006	0.079	0.023	0.05	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	08/28/73-12/02/80	17	6.9	7.018	7.7	6.5	0.123	0.35	6.5	6.8	7.3	7.62
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/73-12/02/80	17	6.9	6.902	7.7	6.5	0.137	0.37	6.5	6.8	7.3	7.62
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/73-12/02/80	17	0.126	0.125	0.316	0.02	0.008	0.088	0.024	0.051	0.158	0.316
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/73-12/02/80	17	2.21	2.286	3.37	1.4	0.269	0.519	1.64	1.89	2.565	3.226
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/73-05/29/80	16	0.07	0.135	0.72	0.04	0.03	0.174	0.04	0.04	0.135	0.426
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	14	680.	19902.857	240000.	230.	4051239468.132	63649.348	230.	430.	2875.	132000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/28/73-11/15/79	14	2.801	3.166	5.38	2.362	0.727	0.853	2.362	2.633	3.444	4.88
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1463.941								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	14	230.	8110.857	110000.	36.	860054364.747	29326.683	36.	62.5	430.	55455.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/28/73-11/15/79	14	2.362	2.435	5.041	1.556	0.773	0.879	1.556	1.784	2.633	4.
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			272.319								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0497

NPS Station ID: GWMP0497
LAT/LON: 39.046392/ -77.216948
Agency: 21MDMONT
Date Created: / /
Location: WATTS BRANCH AT GLEN ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30080 /WAB-004.12
RMI-Indexes: 0214001 003160 00020
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 004.12
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 3.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008000302.33
RF3 Mile Point: 2.98
Distance from RF3: 0.01
On/Off RF3:
Description:
STATION ESTABLISHED ON WATTS BRANCH ON GLEN RD ONE HUNDRED YDS UPSTREAM FROM BRIDGE CROSSING ON GLEN ROAD. STATION ESTABLISHED JAN. 1971.

Parameter Inventory for Station: GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	135	11.	11.637	23.	-1.	44.531	6.673	3.	6.	18.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	135	12.	13.148	31.	-11.	75.694	8.7	4.	8.	21.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	140	25.	45.893	100.	0.	2073.837	45.539	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	72	5.25	15.993	160.	0.	747.123	27.334	0.15	3.	16.625	51.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	4.45	12.897	120.	0.9	582.216	24.129	1.4	2.85	8.95	40.5
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	134	10.5	10.475	14.8	6.3	3.207	1.791	8.2	8.8	12.	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	78	92.5	92.012	127.5	64.9	109.988	10.487	78.35	85.225	97.575	103.46
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	108	1.6	1.931	7.8	0.	1.947	1.395	0.69	1.	2.55	3.41
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	126	7.2	7.263	8.8	6.4	0.174	0.417	6.8	7.	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	126	7.2	7.101	8.8	6.4	0.201	0.448	6.8	7.	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	126	0.063	0.079	0.398	0.002	0.004	0.066	0.016	0.032	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	108	7.2	7.143	8.	6.2	0.105	0.324	6.7	6.9	7.4	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	108	7.2	7.012	8.	6.2	0.122	0.35	6.7	6.9	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	108	0.063	0.097	0.631	0.01	0.008	0.092	0.032	0.04	0.126	0.2
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	56	116.5	131.929	549.	63.	5051.995	71.077	84.7	97.25	135.25	188.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	108	1.955	2.109	6.26	0.4	0.883	0.94	0.997	1.568	2.538	3.352
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	100	0.11	0.163	1.1	0.	0.032	0.179	0.04	0.06	0.2	0.336
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-12/02/80	12	2400.	22259.167	240000.	230.	4703888571.97	68584.9	386.	1297.5	4300.	169380.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-12/02/80	12	3.38	3.451	5.38	2.362	0.51	0.714	2.516	3.071	3.633	4.865
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2827.176								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	97	2400.	30725.361	1100000.	150.14	233251016.796	119303.189	430.	930.	13000.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	97	3.38	3.573	6.041	2.176	0.689	0.83	2.633	2.968	4.109	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3738.284								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	96	390.	6857.474	460000.	1.52	210363895.449	47014.507	40.	91.	930.	6010.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	96	2.591	2.598	5.663	0.176	0.742	0.861	1.602	1.959	2.968	3.754
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			396.314								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	365.	4147.5	46000.	15.	173793276.455	13183.068	32.4	91.	670.	32479.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-12/02/80	12	2.555	2.517	4.663	1.176	0.714	0.845	1.382	1.959	2.815	4.154
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			328.792								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/24/80-12/02/80	7	0.37	0.477	1.12	0.18	0.092	0.304	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0497

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	3	0.08	14	3	0.21	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	134	0	0.00	45	0	0.00	56	0	0.00	33	0	0.00			
00400	PH	Other-Hi Lim.	9.	126	0	0.00	39	0	0.00	54	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	126	2	0.02	39	0	0.00	54	1	0.02	33	1	0.03			
00403	PH, LAB	Other-Hi Lim.	9.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	108	7	0.06	37	1	0.03	44	3	0.07	27	3	0.11			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	108	0	0.00	37	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	9	0.75	5	5	1.00	4	2	0.50	3	2	0.67			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	97	65	0.67	32	22	0.69	41	24	0.59	24	19	0.79			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	96	63	0.66	31	22	0.71	41	21	0.51	24	20	0.83			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	8	0.67	5	4	0.80	4	2	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	32	10.5	12.156	23.	0.	52.459	7.243	1.9	6.25	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	32	14.5	14.719	31.	-3.	78.789	8.876	5.3	-1.5	22.5	26.4
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	32	12.5	35.938	100.	0.	2013.609	44.873	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	29	10.4	10.386	12.9	8.2	1.888	1.374	8.5	9.15	11.8	12.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	24	94.5	93.675	111.4	74.4	71.083	8.431	79.8	90.2	99.7	103.5
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	28	7.6	7.593	8.8	6.9	0.17	0.412	7.09	7.3	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	28	7.6	7.44	8.8	6.9	0.194	0.44	7.09	7.3	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	28	0.025	0.036	0.126	0.002	0.001	0.03	0.006	0.016	0.05	0.081
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1500.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			230.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	22	12.5	12.045	23.	1.	37.379	6.114	3.6	6.75	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	22	15.	13.636	28.	-3.	63.29	7.956	5.	6.	22.	22.7
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	24	62.5	52.083	100.	0.	2332.428	48.295	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	24	10.95	10.454	13.8	7.5	3.633	1.906	7.85	8.45	12.15	12.55
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	24	1.8	2.142	5.6	0.7	1.656	1.287	0.8	1.2	2.775	4.35
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.6	7.589	8.3	7.1	0.108	0.329	7.19	7.3	7.825	8.12
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.6	7.487	8.3	7.1	0.119	0.345	7.19	7.3	7.825	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	18	0.025	0.033	0.079	0.005	0.	0.021	0.008	0.015	0.05	0.065
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.3	7.279	7.7	6.9	0.053	0.23	7.	7.1	7.5	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.3	7.225	7.7	6.9	0.056	0.237	7.	7.1	7.5	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.05	0.06	0.126	0.02	0.001	0.029	0.023	0.032	0.079	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	2.205	2.231	3.37	1.27	0.239	0.489	1.685	1.848	2.433	3.005
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.2	0.295	1.1	0.04	0.072	0.268	0.07	0.15	0.368	0.82
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	24	4300.	59667.083	1100000.	150.49787309873.732		223130.701	220.	930.	19500.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	24	3.633	3.628	6.041	2.176	0.899	0.948	2.342	2.968	4.286	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4250.387								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	24	535.	21134.021	460000.	1.58761672749.967		93603.807	33.	89.75	2100.	16150.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	24	2.72	2.714	5.663	0.176	1.213	1.102	1.498	1.816	3.315	4.165
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			517.187								

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Annual Analysis for 1973 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	19	11.	11.947	22.	4.	33.608	5.797	4.	6.	16.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	19	13.	14.316	26.	1.	49.561	7.04	5.	10.	20.	25.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	20	87.5	57.5	100.	0.	2243.421	47.365	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	19	10.9	10.705	12.7	8.7	1.863	1.365	8.7	9.5	12.	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	20	1.5	1.6	3.1	0.7	0.394	0.627	0.91	1.15	1.85	2.69
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.15	7.128	7.6	6.6	0.072	0.267	6.78	6.875	7.325	7.42
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	18	7.147	7.048	7.6	6.6	0.078	0.28	6.78	6.875	7.325	7.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	18	0.071	0.09	0.251	0.025	0.004	0.059	0.038	0.048	0.134	0.168
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.4	7.38	7.6	7.1	0.014	0.12	7.21	7.3	7.4	7.59
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.4	7.364	7.6	7.1	0.015	0.121	7.21	7.3	7.4	7.59

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Annual Analysis for 1973 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.04	0.043	0.079	0.025	0.	0.013	0.026	0.04	0.05	0.062
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.835	3.02	4.85	1.92	0.61	0.781	2.131	2.44	3.535	4.308
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.1	0.106	0.28	0.02	0.005	0.07	0.05	0.05	0.128	0.23
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	20	3300.	11968.	110000.	230.	594429037.895	24380.915	394.	510.	13575.	23900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	20	3.498	3.525	5.041	2.362	0.552	0.743	2.595	2.694	4.124	4.378
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3348.216								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	20	430.	681.35	2300.	36.	575348.871	758.518	43.	91.	930.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	20	2.633	2.532	3.362	1.556	0.343	0.586	1.633	1.959	2.968	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			340.129								

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Annual Analysis for 1974 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	7.5	8.5	18.	4.	26.857	5.182	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	8	6.5	7.875	19.	0.	51.554	7.18	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	100.	65.625	100.	0.	2310.268	48.065	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	8	12.4	12.075	14.	10.2	1.542	1.242	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	8	2.1	2.188	3.5	0.8	0.716	0.846	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	6	7.25	7.2	7.8	6.5	0.216	0.465	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	6	7.225	6.994	7.8	6.5	0.267	0.517	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	6	0.06	0.101	0.316	0.016	0.013	0.112	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.35	7.388	8.	7.1	0.078	0.28	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.347	7.327	8.	7.1	0.083	0.287	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.045	0.047	0.079	0.01	0.	0.022	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	2.755	3.229	6.26	1.4	2.245	1.498	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.18	0.184	0.35	0.	0.015	0.121	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	8	4300.	4161.25	9300.	430.	13022383.929	3608.654	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	8	3.633	3.384	3.968	2.633	0.31	0.557	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2421.58								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	8	230.	475.25	2300.	36.	567236.214	753.151	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	8	2.362	2.329	3.362	1.556	0.326	0.571	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			213.493								

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Annual Analysis for 1976 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	11.	11.667	21.	2.	51.515	7.177	2.3	4.5	18.5	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	11.5	12.083	23.	1.	58.629	7.657	1.3	6.25	20.5	23.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	25.	43.75	100.	0.	2173.295	46.619	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	10.5	10.758	14.8	7.6	5.935	2.436	7.75	8.425	13.175	14.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	92.95	96.458	127.5	74.8	248.659	15.769	77.41	84.9	110.875	124.53
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.75	1.633	3.	0.1	1.059	1.029	0.13	0.65	2.625	2.97
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.042	7.5	6.7	0.054	0.231	6.73	6.825	7.2	7.44
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	6.989	7.5	6.7	0.057	0.238	6.73	6.825	7.2	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.1	0.102	0.2	0.032	0.003	0.05	0.037	0.063	0.15	0.187
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.2	7.217	7.8	6.5	0.103	0.321	6.65	7.025	7.45	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.2	7.095	7.8	6.5	0.119	0.346	6.65	7.025	7.45	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.063	0.08	0.316	0.016	0.006	0.079	0.021	0.036	0.095	0.251
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	113.5	109.583	171.	63.	1135.72	33.7	64.8	74.5	136.	162.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.5	1.403	2.31	0.68	0.275	0.525	0.692	0.962	1.778	2.187
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.085	0.107	0.25	0.03	0.005	0.069	0.033	0.045	0.16	0.229

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Annual Analysis for 1976 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	3500.	30368.333	110000.	430.	2319118142.424	48157.223	520.	930.	85250.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	3.521	3.755	5.041	2.633	0.792	0.89	2.702	2.968	4.791	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5692.789								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	11	210.	3226.636	24000.	36.	54911436.855	7410.225	36.	91.	930.	21060.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	11	2.322	2.544	4.38	1.556	0.823	0.907	1.556	1.959	2.968	4.298
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			349.744								

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Annual Analysis for 1977 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	7	16.	11.429	20.	-1.	68.952	8.304	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	7	15.	11.	20.	-4.	85.	9.22	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	8	12.5	34.375	100.	0.	1774.554	42.125	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	7	8.1	9.	12.8	6.3	5.567	2.359	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	7	77.9	79.486	88.	64.9	65.725	8.107	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	8	1.75	2.513	7.	0.2	5.704	2.388	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	8	7.15	7.25	8.2	6.4	0.283	0.532	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	8	7.147	6.995	8.2	6.4	0.357	0.598	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	8	0.071	0.101	0.398	0.006	0.016	0.126	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.	7.05	7.4	6.8	0.034	0.185	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.	7.018	7.4	6.8	0.035	0.188	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.1	0.096	0.158	0.04	0.001	0.037	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	8	130.	178.375	549.	86.	23189.411	152.281	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	1.	1.125	2.	0.6	0.211	0.459	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.07	0.179	0.78	0.04	0.063	0.251	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	8	4600.	62941.25	240000.	430.	11949538183.929	109313.943	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	8	3.663	3.926	5.38	2.633	0.954	0.977	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8441.471								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	8	190.	3667.	24000.	73.	69593292.286	8342.259	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	8	2.269	2.626	4.38	1.863	0.819	0.905	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			422.978								

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Annual Analysis for 1978 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	10.	10.182	22.	-1.	55.564	7.454	0.6	8.	15.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	11	10.	11.455	29.	-4.	96.273	9.812	8.	8.	22.	27.6
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	25.	33.333	100.	0.	1515.152	38.925	0.	0.	68.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	11	10.4	10.373	12.7	6.9	2.916	1.708	7.26	9.1	11.6	12.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	11	92.4	90.664	111.8	77.	146.357	12.098	77.28	79.5	97.5	110.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.5	2.075	6.	0.	3.831	1.957	0.18	0.85	2.7	5.97
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	7.075	7.5	6.7	0.078	0.28	6.7	6.85	7.35	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	7.	6.999	7.5	6.7	0.085	0.291	6.7	6.85	7.35	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.1	0.1	0.2	0.032	0.003	0.059	0.032	0.046	0.144	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.95	6.975	7.3	6.8	0.026	0.16	6.8	6.825	7.075	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.947	6.95	7.3	6.8	0.026	0.162	6.8	6.825	7.075	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.113	0.112	0.158	0.05	0.001	0.037	0.054	0.085	0.15	0.158
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	109.	117.083	186.	84.	678.265	26.044	87.6	101.25	126.75	170.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.6	1.583	2.3	1.	0.187	0.432	1.03	1.125	1.925	2.27
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.08	0.092	0.23	0.	0.006	0.077	0.	0.04	0.15	0.224
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	930.	5035.833	24000.	230.	79965681.061	8942.353	230.	430.	4050.	24000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	2.968	3.148	4.38	2.362	0.478	0.692	2.362	2.633	3.592	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1407.641								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	12	190.	3590.5	24000.	15.	51772711.182	7195.326	22.5	52.5	4050.	20100.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	12	2.269	2.577	4.38	1.176	1.097	1.047	1.304	1.69	3.592	4.279
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			377.96								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	10.	10.833	22.	2.	35.788	5.982	2.3	6.25	15.75	20.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	12.5	11.5	26.	-11.	103.909	10.194	3.6	8.5	23.5	0.1
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	50.	47.917	100.	0.	1756.629	41.912	0.	0.	93.75	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	10.8	10.492	13.2	8.2	2.734	1.653	8.26	8.875	11.85	12.96
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	93.45	92.8	103.4	83.	37.665	6.137	83.42	87.45	98.075	102.14
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.85	1.925	3.6	0.4	1.133	1.064	0.4	1.175	2.85	3.54
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	6.95	7.	7.4	6.7	0.062	0.249	6.7	6.75	7.275	7.37
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	6.947	6.939	7.4	6.7	0.066	0.257	6.7	6.75	7.275	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.113	0.115	0.2	0.04	0.004	0.06	0.043	0.053	0.181	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.6	6.625	7.	6.2	0.051	0.226	6.26	6.5	6.8	6.97
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.6	6.571	7.	6.2	0.054	0.233	6.26	6.5	6.8	6.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.251	0.269	0.631	0.1	0.021	0.146	0.108	0.158	0.316	0.561
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	116.	127.667	222.	97.	1551.879	39.394	97.3	101.75	125.5	213.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.8	1.642	2.6	0.4	0.328	0.573	0.55	1.3	1.9	2.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.11	0.131	0.4	0.	0.014	0.118	0.008	0.04	0.21	0.368
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	2250.	28818.333	240000.	430.	4541400324.242	67389.913	580.	930.	24000.	175200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	12	3.351	3.705	5.38	2.633	0.709	0.842	2.734	2.968	4.38	5.08
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5074.407								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	12	410.	2127.25	15000.	36.	18004824.205	4243.209	52.2	125.75	2100.	11790.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	12	2.612	2.728	4.176	1.556	0.585	0.765	1.676	2.06	3.315	4.013
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			534.302								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	14.5	13.333	23.	1.	61.333	7.832	1.6	5.5	20.75	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	12	16.5	15.25	31.	-3.	123.841	11.128	4.	2.25	25.5	29.5
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	12	37.5	47.917	100.	0.	2552.083	50.518	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	12	9.6	9.958	13.6	7.	4.232	2.057	7.27	8.6	11.8	13.42
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	12	94.8	91.992	98.6	79.5	36.112	6.009	81.42	86.9	96.65	98.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	12	1.1	1.667	7.8	0.4	3.906	1.976	0.49	0.8	1.55	6.03
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	12	6.9	6.925	7.4	6.7	0.038	0.196	6.7	6.8	7.	7.31
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	12	6.9	6.89	7.4	6.7	0.04	0.199	6.7	6.8	7.	7.31
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	12	0.126	0.129	0.2	0.04	0.002	0.048	0.052	0.1	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.9	6.983	7.4	6.5	0.087	0.295	6.56	6.725	7.275	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.9	6.896	7.4	6.5	0.095	0.309	6.56	6.725	7.275	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.126	0.127	0.316	0.04	0.007	0.082	0.04	0.053	0.189	0.281
00500	RESIDUE, TOTAL (MG/L)	01/27/76-12/02/80	12	120.5	142.417	303.	83.	4643.356	68.142	84.8	93.25	168.25	285.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.9	1.958	2.9	1.	0.421	0.649	1.03	1.325	2.575	2.84
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.078	0.1	0.07	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	45	18.	17.333	23.	6.	22.773	4.772	8.6	15.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	45	22.	19.333	31.	1.	47.773	6.912	8.	16.5	24.	26.4
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	45	0.	35.	100.	0.	1801.136	42.44	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	45	8.7	8.929	12.	6.3	1.576	1.255	7.42	8.2	9.7	10.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	28	89.	89.45	107.6	64.9	95.962	9.796	76.98	83.725	97.425	103.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	37	1.4	1.881	7.8	0.	2.684	1.638	0.36	0.85	2.65	3.9
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	39	7.3	7.367	8.8	6.7	0.224	0.473	6.8	7.	7.6	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	39	7.3	7.178	8.8	6.7	0.261	0.51	6.8	7.	7.6	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	39	0.05	0.066	0.2	0.002	0.003	0.056	0.006	0.025	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	37	7.2	7.186	7.7	6.2	0.112	0.334	6.78	6.95	7.45	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	37	7.2	7.038	7.7	6.2	0.134	0.367	6.78	6.95	7.45	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	37	0.063	0.092	0.631	0.02	0.011	0.106	0.025	0.036	0.113	0.167
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	37	1.9	1.749	3.47	0.4	0.619	0.787	0.776	1.	2.375	2.798
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	31	0.1	0.144	0.84	0.	0.027	0.165	0.04	0.05	0.17	0.368
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	32	2400.	50190.	1100000.	230.	38761014535.484	196878.172	230.	930.	10575.	84200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	32	3.38	3.533	6.041	2.362	0.779	0.883	2.362	2.968	4.023	4.843
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3414.238								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	31	390.	16667.435	460000.	1.	56794124212.246	82426.478	50.2	150.	930.	12860.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	31	2.591	2.659	5.663	0.176	0.926	0.962	1.673	2.176	2.968	4.068
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			456.419								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	56	5.	5.411	13.	-1.	11.337	3.367	1.	3.25	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	55	8.	5.727	18.	-11.	31.461	5.609	2.6	5.	10.	12.4
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	58	75.	57.759	100.	0.	1978.221	44.477	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	56	12.1	12.066	14.8	9.1	1.063	1.031	10.74	11.425	12.6	13.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	29	92.6	92.11	127.5	74.4	137.616	11.731	79.1	83.3	97.5	104.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	44	1.8	2.05	5.6	0.1	1.161	1.078	0.95	1.4	2.7	3.35
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	54	7.2	7.211	8.1	6.4	0.13	0.361	6.7	6.975	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	54	7.2	7.076	8.1	6.4	0.149	0.386	6.7	6.975	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	54	0.063	0.084	0.398	0.008	0.005	0.07	0.025	0.04	0.106	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.1	7.086	7.8	6.4	0.086	0.294	6.65	6.9	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.1	6.984	7.8	6.4	0.097	0.312	6.65	6.9	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.079	0.104	0.398	0.016	0.007	0.082	0.04	0.05	0.126	0.225
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	2.355	2.505	6.26	0.97	1.128	1.062	1.35	1.9	2.875	4.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.11	0.186	1.1	0.	0.049	0.222	0.034	0.07	0.22	0.424
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	41	2300.	18556.829	240000.	150.	1911090032.195	43716.016	430.	430.	13000.	79200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	41	3.362	3.503	5.38	2.176	0.715	0.846	2.633	2.633	4.109	4.851
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3181.079								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	41	230.	1261.585	23000.	15.	15532779.549	3941.165	36.	43.	430.	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	41	2.362	2.299	4.362	1.176	0.539	0.734	1.556	1.633	2.633	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			198.952								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/71-12/02/80	34	13.	14.353	23.	8.	13.932	3.733	10.	11.75	17.25	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/22/71-12/02/80	35	16.	16.857	31.	8.	32.655	5.714	10.	12.	21.	26.
00032	CLOUD COVER (PERCENT)	01/22/71-12/02/80	37	0.	40.541	100.	0.	2269.144	47.636	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/22/71-12/02/80	33	10.	9.885	12.	7.6	1.182	1.087	8.28	9.1	10.6	11.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/71-12/02/80	21	94.3	95.29	114.	76.7	80.752	8.986	83.5	91.4	98.95	111.72
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-12/02/80	27	1.4	1.807	7.	0.5	2.334	1.528	0.6	0.8	2.1	3.6
00400	PH (STANDARD UNITS)	01/22/71-12/02/80	33	7.1	7.227	8.2	6.5	0.18	0.424	6.74	6.9	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/22/71-12/02/80	33	7.1	7.061	8.2	6.5	0.208	0.456	6.74	6.9	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/71-12/02/80	33	0.079	0.087	0.316	0.006	0.005	0.072	0.013	0.025	0.126	0.183
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	27	7.3	7.174	8.	6.5	0.127	0.356	6.5	6.9	7.4	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	27	7.3	7.027	8.	6.5	0.149	0.386	6.5	6.9	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	27	0.05	0.094	0.316	0.01	0.008	0.089	0.032	0.04	0.126	0.316
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	27	1.78	1.959	3.54	0.72	0.439	0.663	1.216	1.7	2.3	2.998
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	26	0.13	0.147	0.39	0.04	0.01	0.1	0.04	0.058	0.215	0.28
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	24	4300.	25560.417	240000.	430.	3022691169.384	54979.007	930.	1650.	21750.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-11/15/79	24	3.633	3.745	5.38	2.633	0.538	0.734	2.968	3.213	4.329	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5558.111								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	24	930.	3745.917	24000.	36.	45217441.471	6724.392	73.	430.	2300.	16650.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-11/15/79	24	2.968	3.03	4.38	1.556	0.559	0.747	1.863	2.633	3.362	4.174
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1071.81								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GWMP0498

NPS Station ID: GWMP0498
LAT/LON: 39.046670/ -77.226670
Agency: 21MDMONT
Date Created: / /
Location: GLEN ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30070
RMI-Indexes: 0214001 003160 00020 0030
Within Park Boundary: No
RMI-Miles: 0129.10 0001.20 003.30 000.24
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008003
RF1 Mile Point: 2.480
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070008077700.00
RF3 Mile Point: 0.04
Distance from RF3: 0.04
On/Off RF3:
Description:
STATION ESTABLISHED DOWN STREAM FROM GLEN ROAD. STATION ESTABLISHED JULY 1971. SAMPLING DISCONTINUED DECEMBER 1971.

Parameter Inventory for Station: GWMP0498

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-12/13/71	9	18.	13.667	20.	6.	40.5	6.364	6.	7.	19.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-12/13/71	9	20.	16.333	24.	6.	55.25	7.433	6.	8.5	23.	24.
00032	CLOUD COVER (PERCENT)	07/20/71-12/13/71	9	100.	58.333	100.	0.	2500.	50.	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	07/20/71-12/13/71	8	9.65	10.238	12.2	8.9	1.803	1.343	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-08/18/71	2	96.3	96.3	96.9	95.7	0.72	0.849	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/71-12/13/71	9	7.5	7.556	7.9	7.2	0.04	0.201	7.2	7.45	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/20/71-12/13/71	9	7.5	7.514	7.9	7.2	0.042	0.205	7.2	7.45	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/71-12/13/71	9	0.032	0.031	0.063	0.013	0.	0.015	0.013	0.02	0.036	0.063
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-12/13/71	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/13/71-12/13/71	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2300.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-12/13/71	1	120.	120.	120.	120.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/13/71-12/13/71	1	2.079	2.079	2.079	2.079	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			120.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0498

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	5	0	0.00	3	0	0.00						
00400	PH	Other-Hi Lim.	9.	9	0	0.00	5	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00	4	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GWMP0499

NPS Station ID: GWMP0499
LAT/LON: 39.063337/ -77.265281
Agency: 21MDMONT
Date Created: / /
Location: MUDDY BRANCH AT RIVER ROAD
FIPS State/County: 24031 MARYLAND/MONTGOMERY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 30010 /MDB-000.52
RMI-Indexes: 0214001 003160 00040
Within Park Boundary: No
RMI-Miles: 0129.10 0003.40 000.52
HUC: 02070008
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070008
RF1 Mile Point: 0.000
Distance from RF1: 12.50
On/Off RF1:
RF3 Index: 02070008070100.71
RF3 Mile Point: 1.10
Distance from RF3: 0.25
On/Off RF3:
Description:
STATION ESTABLISHED ON MUDDY BRANCH AT RIVER ROAD ONE HUNDRED FEET DOWN- STREAM FROM BRIDGE CROSSING RIVER ROAD. STATION ESTABLISHED JANUARY 1971

Parameter Inventory for Station: GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	154	13.	11.874	23.	-1.	47.367	6.882	2.5	6.	18.	20.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	154	14.	14.019	33.	-10.	82.183	9.065	3.	8.	22.25	25.
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	160	25.	46.563	100.	0.	1859.178	43.118	0.	0.	100.	100.
00065	STAGE, STREAM (FEET)	07/19/78-12/02/80	26	1.065	1.063	1.62	0.29	0.073	0.27	0.741	0.98	1.2	1.478
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/72-10/31/77	74	8.	21.845	245.	0.	1724.404	41.526	0.5	3.	17.25	51.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/78-12/02/80	36	5.45	18.169	195.	1.1	1642.577	40.529	1.9	3.125	11.225	34.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/86-08/13/86	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	152	10.4	10.533	14.8	7.1	3.13	1.769	8.2	9.025	11.9	12.97
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	83	94.2	93.34	120.4	73.2	83.028	9.112	81.02	87.4	98.5	104.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	111	1.4	1.585	6.7	0.	1.417	1.19	0.4	0.7	2.	3.26
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	143	7.3	7.34	8.6	6.4	0.152	0.39	6.8	7.1	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	143	7.3	7.175	8.6	6.4	0.18	0.424	6.8	7.1	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	143	0.05	0.067	0.398	0.003	0.004	0.064	0.016	0.025	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	110	7.1	7.019	7.7	6.	0.126	0.355	6.5	6.8	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	110	7.1	6.858	7.7	6.	0.152	0.39	6.5	6.8	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	110	0.079	0.139	1.	0.02	0.023	0.152	0.04	0.05	0.158	0.316
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	56	98.	140.286	844.	64.	20588.899	143.488	80.	88.	119.75	236.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/86-08/13/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/13/86-08/13/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/86-08/13/86	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/86-08/13/86	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	110	1.885	1.914	4.35	0.4	0.529	0.727	1.	1.4	2.33	2.8
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	102	0.08	0.124	0.64	0.	0.012	0.109	0.04	0.05	0.173	0.274
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/86-08/13/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/86-08/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/22/80-08/13/86	13	2400.	4098.462	24000.	230.	43655114.103	6607.202	310.	930.	3350.	18800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/22/80-08/13/86	13	3.38	3.265	4.38	2.362	0.3	0.548	2.47	2.968	3.507	4.245
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1840.787								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	97	2300.	22202.402	460000.	70.	4208644290.514	64874.065	230.	930.	9300.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	97	3.362	3.467	5.663	1.845	0.681	0.825	2.362	2.968	3.968	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2930.632								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	97	230.	6514.711	460000.	15.	2195418859.812	46855.297	36.	91.	930.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	97	2.362	2.553	5.663	1.176	0.675	0.822	1.556	1.959	2.968	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			357.049								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	91.	517.385	4600.	15.	1561621.423	1249.649	23.4	36.	235.	3124.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/22/80-08/13/86	13	1.959	2.077	3.663	1.176	0.484	0.696	1.328	1.556	2.371	3.381
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			119.459								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/79-12/02/80	18	0.445	0.772	2.6	0.2	0.523	0.723	0.308	0.375	0.783	2.429

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GWMP0499

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	36	2	0.06	14	2	0.14	13	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	152	0	0.00	56	0	0.00	60	0	0.00	36	0	0.00			
00400	PH	Other-Hi Lim.	9.	143	0	0.00	49	0	0.00	59	0	0.00	35	0	0.00			
		Other-Lo Lim.	6.5	143	2	0.01	49	0	0.00	59	2	0.03	35	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	110	0	0.00	39	0	0.00	44	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	110	12	0.11	39	3	0.08	44	8	0.18	27	1	0.04			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	110	0	0.00	39	0	0.00	44	0	0.00	27	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	7	0.54	6	4	0.67	4	1	0.25	3	2	0.67			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	97	65	0.67	34	21	0.62	39	27	0.69	24	17	0.71			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	97	59	0.61	34	22	0.65	39	22	0.56	24	15	0.63			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	6	0.46	6	5	0.83	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	48	14.5	12.646	22.	0.	47.297	6.877	1.8	6.25	19.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	48	16.5	15.771	30.	-3.	84.904	9.214	3.	5.75	23.75	27.1
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	49	25.	35.204	100.	0.	1768.707	42.056	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	45	10.2	10.418	13.8	8.1	1.742	1.32	8.76	9.3	11.4	12.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	27	94.3	93.993	110.8	79.1	61.745	7.858	81.54	87.8	98.9	104.78
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	45	7.6	7.616	8.6	6.9	0.11	0.331	7.2	7.4	7.8	8.04
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	45	7.6	7.503	8.6	6.9	0.123	0.35	7.2	7.4	7.8	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	45	0.025	0.031	0.126	0.003	0.001	0.024	0.009	0.016	0.04	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	22	11.5	11.682	23.	1.	41.084	6.41	2.6	6.	18.	19.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	22	15.	13.545	29.	-2.	70.641	8.405	4.	6.	22.	23.
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	24	62.5	52.083	100.	0.	2223.732	47.156	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	24	10.7	10.429	14.2	7.6	3.689	1.921	8.	8.4	12.1	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	24	1.65	1.633	5.5	0.	1.501	1.225	0.25	0.725	2.15	3.3
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	17	7.4	7.482	8.	7.1	0.079	0.281	7.1	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	17	7.4	7.407	8.	7.1	0.085	0.292	7.1	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	17	0.04	0.039	0.079	0.01	0.	0.022	0.01	0.02	0.05	0.079
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	24	7.2	7.238	7.7	6.7	0.052	0.228	6.9	7.1	7.4	7.55
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	24	7.2	7.177	7.7	6.7	0.056	0.236	6.9	7.1	7.4	7.55
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	24	0.063	0.067	0.2	0.02	0.002	0.04	0.028	0.04	0.079	0.129
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	24	2.18	2.127	3.57	1.42	0.195	0.442	1.615	1.74	2.375	2.495
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	24	0.195	0.194	0.64	0.	0.024	0.154	0.045	0.083	0.24	0.47
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3100.	33340.958	460000.	93.	9450103055.955	97211.641	290.	1222.5	8050.	121500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	24	3.476	3.581	5.663	1.968	0.748	0.865	2.405	3.057	3.885	5.072
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3807.808								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	930.	20330.75	460000.	23.	8771598646.109	93656.813	152.5	280.	2300.	4300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	24	2.968	2.951	5.663	1.362	0.626	0.791	2.118	2.43	3.362	3.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			893.199								

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Annual Analysis for 1973 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	19	11.	12.158	23.	3.	41.363	6.431	3.	5.	16.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	19	14.	14.737	27.	1.	51.649	7.187	4.	10.	20.	25.
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	20	62.5	52.5	100.	0.	2098.684	45.811	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	19	10.4	10.563	13.	8.1	2.551	1.597	8.1	9.4	12.1	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	20	1.2	1.25	2.8	0.3	0.451	0.672	0.51	0.8	1.55	2.7
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	18	7.3	7.322	7.8	6.8	0.07	0.265	6.89	7.175	7.525	7.71
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	18	7.3	7.245	7.8	6.8	0.076	0.276	6.89	7.175	7.525	7.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	18	0.05	0.057	0.158	0.016	0.001	0.038	0.02	0.03	0.067	0.129
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	20	7.3	7.23	7.6	6.8	0.053	0.23	6.81	7.025	7.4	7.49
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	20	7.3	7.168	7.6	6.8	0.057	0.238	6.81	7.025	7.4	7.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	20	0.05	0.068	0.158	0.025	0.002	0.04	0.032	0.04	0.095	0.155
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	20	2.455	2.46	3.31	1.8	0.17	0.412	1.863	2.115	2.8	3.027
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	20	0.05	0.087	0.29	0.02	0.006	0.076	0.021	0.05	0.128	0.25
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	2300.	19034.5	240000.	70.	2886768878.684	53728.66	250.	1072.5	8050.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	20	3.362	3.465	5.38	1.845	0.671	0.819	2.389	3.02	3.885	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2914.84								

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Annual Analysis for 1973 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	230.	1428.8	9300.	15.	6785717.116	2604.941	74.8	93.	930.	7180.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	20	2.362	2.576	3.968	1.176	0.534	0.731	1.873	1.968	2.968	3.851
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			377.077								

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Annual Analysis for 1974 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	8	7.	8.25	18.	3.	30.786	5.548	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	8	7.	8.625	19.	0.	55.982	7.482	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	8	87.5	65.625	100.	0.	1953.125	44.194	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	8	12.45	12.138	14.2	9.9	2.571	1.604	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	8	1.95	1.825	2.7	1.	0.285	0.534	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	6	7.35	7.3	7.7	6.8	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	6	7.347	7.183	7.7	6.8	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	6	0.045	0.066	0.158	0.02	0.003	0.054	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	7.2	7.175	7.4	6.9	0.031	0.175	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	7.189	7.143	7.4	6.9	0.032	0.178	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.065	0.072	0.126	0.04	0.001	0.03	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	3.15	3.043	4.35	1.35	1.098	1.048	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.165	0.194	0.35	0.1	0.008	0.092	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	4300.	5998.75	15000.	390.	23527441.071	4850.509	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.633	3.592	4.176	2.591	0.258	0.508	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3910.901								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	160.5	352.875	930.	36.	130566.982	361.341	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.16	2.282	2.968	1.556	0.298	0.546	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			191.285								

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Annual Analysis for 1975 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	3	20.	20.	22.	18.	4.	2.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	3	23.	23.	24.	22.	1.	1.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	3	75.	66.667	100.	25.	1458.333	38.188	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	3	9.6	9.3	9.6	8.7	0.27	0.52	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	3	101.	101.4	104.3	98.9	7.41	2.722	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	3	0.5	0.633	1.4	0.	0.503	0.709	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	2	7.2	7.2	7.3	7.1	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	2	7.189	7.189	7.3	7.1	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	2	0.065	0.065	0.079	0.05	0.	0.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	3	7.3	7.267	7.5	7.	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	3	7.3	7.218	7.5	7.	0.067	0.259	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	3	0.05	0.061	0.1	0.032	0.001	0.035	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	3	2.22	2.103	2.36	1.73	0.109	0.331	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	3	0.1	0.123	0.21	0.06	0.006	0.078	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	4300.	10200.	24000.	2300.	143830000.	11992.915	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	3	3.633	3.792	4.38	3.362	0.278	0.527	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6191.595								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	910.	3480.	9300.	230.	25519900.	5051.722	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	3	2.959	3.096	3.968	2.362	0.66	0.812	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1248.583								

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Annual Analysis for 1976 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	11	7.	10.636	21.	2.	56.455	7.514	2.	3.	18.	20.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	11	11.	12.273	24.	2.	67.218	8.199	2.2	5.	23.	23.8
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	11	25.	47.727	100.	0.	1806.818	42.507	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	11	11.3	11.509	14.8	8.2	5.029	2.243	8.36	9.4	13.2	14.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	11	94.9	100.627	120.4	90.4	114.444	10.698	90.54	92.1	109.6	119.76
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	11	1.1	1.336	3.7	0.	1.143	1.069	0.08	0.5	2.	3.38
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	11	7.2	7.255	8.1	6.8	0.153	0.391	6.8	6.9	7.5	8.
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	11	7.2	7.126	8.1	6.8	0.171	0.414	6.8	6.9	7.5	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	11	0.063	0.075	0.158	0.008	0.003	0.053	0.011	0.032	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	11	7.1	7.	7.7	6.5	0.114	0.338	6.52	6.7	7.1	7.62
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	11	7.1	6.893	7.7	6.5	0.127	0.356	6.52	6.7	7.1	7.62
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	11	0.079	0.128	0.316	0.02	0.008	0.091	0.026	0.079	0.2	0.303
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	11	111.	131.909	323.	64.	6846.291	82.742	65.2	77.	124.	310.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	11	1.25	1.395	2.07	0.89	0.193	0.439	0.912	1.	1.83	2.064
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.09	0.135	0.32	0.04	0.008	0.09	0.044	0.07	0.23	0.304
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	11	2300.	21551.818	110000.	230.	1914679036.364	43757.046	256.	430.	4600.	110000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	11	3.362	3.43	5.041	2.362	0.822	0.907	2.401	2.633	3.663	5.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2694.019								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	11	150.	1933.091	15000.	15.	20346911.891	4510.755	19.2	91.	910.	12860.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	11	2.176	2.397	4.176	1.176	0.794	0.891	1.252	1.959	2.959	4.068
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			249.291								

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Annual Analysis for 1977 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	7	16.	11.714	20.	-1.	69.905	8.361	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	7	18.	12.	20.	-2.	85.	9.22	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	8	37.5	40.625	100.	0.	1238.839	35.197	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	7	10.3	9.671	12.9	7.1	5.389	2.321	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	7	87.4	86.657	112.	73.2	169.28	13.011	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	8	1.8	2.025	4.6	0.3	2.868	1.693	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	7	7.4	7.143	7.5	6.4	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	7	7.4	6.942	7.5	6.4	0.226	0.476	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	7	0.04	0.114	0.398	0.032	0.018	0.134	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	8	6.95	6.888	7.1	6.5	0.044	0.21	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	8	6.947	6.839	7.1	6.5	0.047	0.216	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	8	0.113	0.145	0.316	0.079	0.006	0.081	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	8	108.	194.125	803.	94.	60661.839	246.296	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	8	1.2	1.379	2.8	0.5	0.668	0.817	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	8	0.07	0.098	0.3	0.06	0.007	0.082	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3300.	38201.25	240000.	150.	6883978326.786	82969.743	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	8	3.498	3.649	5.38	2.176	1.051	1.025	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4457.352								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	150.	3217.75	24000.	15.	70600525.929	8402.412	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	8	2.176	2.372	4.38	1.176	0.967	0.983	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			235.365								

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Annual Analysis for 1978 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	11	10.	9.909	21.	-1.	55.091	7.422	0.2	8.	15.	20.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	11	11.	12.182	33.	-3.	119.164	10.916	4.	-1.	21.	31.4
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	12	37.5	39.583	100.	0.	1642.992	40.534	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	11	10.2	10.309	13.4	7.6	3.267	1.807	7.8	8.8	11.6	13.22
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	11	88.	89.164	103.8	78.	63.883	7.993	78.3	84.1	95.7	102.28
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.8	1.875	4.4	0.	1.353	1.163	0.24	0.975	2.35	4.07
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	12	7.05	7.067	7.6	6.5	0.133	0.365	6.53	6.8	7.375	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	12	7.047	6.935	7.6	6.5	0.152	0.39	6.53	6.8	7.375	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	12	0.09	0.116	0.316	0.025	0.008	0.092	0.025	0.042	0.158	0.297
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.8	6.792	7.1	6.4	0.041	0.202	6.46	6.7	6.95	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.8	6.749	7.1	6.4	0.043	0.207	6.46	6.7	6.95	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.158	0.178	0.398	0.079	0.007	0.086	0.079	0.115	0.2	0.354
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	97.5	106.75	226.	80.	1602.932	40.037	80.	83.	110.	195.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.45	1.492	2.	1.	0.103	0.32	1.06	1.225	1.75	2.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	12	0.055	0.058	0.11	0.	0.001	0.037	0.	0.04	0.08	0.11
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	11	930.	2182.727	11000.	110.	10386781.818	3222.853	134.	230.	2400.	9720.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	11	2.968	2.97	4.041	2.041	0.369	0.607	2.105	2.362	3.38	3.966
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			934.215								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	11	90.	167.364	750.	15.	44930.455	211.968	18.	36.	230.	646.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	11	1.954	1.955	2.875	1.176	0.263	0.513	1.236	1.556	2.362	2.772
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			90.142								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	12	10.	10.417	22.	0.	45.902	6.775	0.6	5.5	15.25	21.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	12	13.5	10.833	27.	-10.	111.606	10.564	2.3	4.5	23.5	1.1
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	12	75.	58.333	100.	0.	1742.424	41.742	0.	6.25	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	12	11.	10.6	13.2	8.2	2.647	1.627	8.32	8.85	11.95	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	12	91.05	91.342	103.8	80.5	44.635	6.681	81.43	85.9	97.025	102.18
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.55	1.908	4.6	0.4	1.768	1.33	0.4	0.65	3.075	4.21
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	12	6.85	7.	7.6	6.7	0.104	0.322	6.7	6.725	7.275	7.57
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	12	6.847	6.912	7.6	6.7	0.112	0.335	6.7	6.725	7.275	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	12	0.142	0.122	0.2	0.025	0.004	0.067	0.027	0.053	0.189	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	6.45	6.508	7.6	6.	0.17	0.412	6.03	6.225	6.675	7.33
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	6.447	6.383	7.6	6.	0.187	0.432	6.03	6.225	6.675	7.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.357	0.414	1.	0.025	0.077	0.278	0.077	0.212	0.599	0.938
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	96.	162.833	844.	80.	46335.606	215.257	81.8	88.25	123.5	632.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.45	1.442	2.1	0.4	0.264	0.514	0.55	1.025	1.875	2.07
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	11	0.07	0.101	0.28	0.03	0.006	0.076	0.032	0.04	0.15	0.258
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	1665.	27290.	240000.	230.	4677765290.909	68394.19	290.	430.	20325.	181800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	12	3.174	3.446	5.38	2.362	0.908	0.953	2.443	2.633	4.277	5.165
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2792.107								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	290.	4441.917	46000.	15.	171994978.265	13114.686	32.4	77.5	1957.5	32920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	12	2.405	2.573	4.663	1.176	0.887	0.942	1.382	1.887	3.263	4.278
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			374.299								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	12	16.	13.	22.	0.	61.273	7.828	0.6	4.75	19.75	21.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	12	19.	15.333	29.	-1.	115.697	10.756	3.3	2.75	23.	28.7
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	12	62.5	54.167	100.	0.	2140.152	46.262	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	12	9.6	10.108	13.8	7.4	5.257	2.293	7.46	8.1	12.5	13.74
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	12	95.35	92.9	101.2	77.9	50.265	7.09	79.31	87.775	97.8	100.39
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	12	1.	1.533	6.7	0.4	2.979	1.726	0.4	0.525	1.8	5.29
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	12	7.	6.992	7.4	6.6	0.054	0.231	6.63	6.825	7.2	7.34
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	12	7.	6.936	7.4	6.6	0.057	0.239	6.63	6.825	7.2	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	12	0.1	0.116	0.251	0.04	0.004	0.062	0.047	0.063	0.15	0.236
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	12	7.	6.908	7.3	6.4	0.09	0.3	6.4	6.675	7.075	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	12	7.	6.805	7.3	6.4	0.102	0.319	6.4	6.675	7.075	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	12	0.1	0.157	0.398	0.05	0.015	0.124	0.05	0.085	0.22	0.398
00500	RESIDUE, TOTAL (MG/L)	09/12/75-12/02/80	12	104.5	128.5	355.	86.	5680.273	75.368	86.3	88.75	123.5	300.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	12	1.5	1.508	2.4	0.9	0.181	0.425	0.96	1.2	1.85	2.25
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	5	0.07	0.059	0.1	0.015	0.001	0.032	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/31 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	57	18.6	17.326	23.	6.	18.777	4.333	9.8	15.5	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	57	22.	20.086	33.	2.	47.121	6.864	9.6	16.	24.5	28.
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	57	25.	36.842	100.	0.	1609.492	40.118	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	56	9.05	9.202	12.	7.1	1.271	1.128	7.91	8.2	10.1	10.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	30	94.2	92.807	112.	73.2	88.405	9.402	78.25	84.55	99.175	104.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	40	0.9	1.353	6.7	0.	1.888	1.374	0.3	0.5	1.775	3.3
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	49	7.4	7.449	8.6	6.7	0.166	0.407	6.9	7.2	7.65	8.
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	49	7.4	7.286	8.6	6.7	0.193	0.439	6.9	7.2	7.65	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	49	0.04	0.052	0.2	0.003	0.002	0.045	0.01	0.023	0.063	0.126
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	39	7.1	7.033	7.7	6.	0.121	0.347	6.6	6.9	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	39	7.1	6.87	7.7	6.	0.148	0.385	6.6	6.9	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	39	0.079	0.135	1.	0.02	0.029	0.169	0.04	0.05	0.126	0.251
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	39	1.5	1.642	3.57	0.4	0.521	0.722	0.8	1.1	2.29	2.57
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	33	0.08	0.12	0.64	0.	0.017	0.131	0.02	0.05	0.145	0.272
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	2300.	28032.147	460000.	93.	7807609257.947	88360.677	230.	885.	4375.	78000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	34	3.362	3.424	5.663	1.968	0.731	0.855	2.362	2.945	3.641	4.852
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2653.388								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	230.	16008.5	460000.	15.	6222137938.803	78880.53	82.	92.5	930.	12150.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	34	2.362	2.652	5.663	1.176	0.824	0.908	1.911	1.966	2.968	4.072
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			448.883								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	60	5.	4.7	11.	-1.	10.654	3.264	0.	2.25	7.	8.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	59	7.	5.22	16.	-10.	26.589	5.156	2.	4.	10.	13.
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	63	50.	57.54	100.	0.	1766.833	42.034	0.	25.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/21/71-12/02/80	60	12.2	12.212	14.8	9.5	1.236	1.112	10.64	11.45	12.975	13.78
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/21/71-12/02/80	29	91.8	91.466	117.2	79.1	71.736	8.47	80.5	85.65	94.95	102.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/72-08/13/86	44	1.85	1.911	5.5	0.4	1.081	1.04	0.65	1.125	2.275	3.3
00400	PH (STANDARD UNITS)	01/21/71-08/13/86	59	7.3	7.198	7.8	6.4	0.13	0.361	6.7	6.9	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/21/71-08/13/86	59	7.3	7.051	7.8	6.4	0.152	0.39	6.7	6.9	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/71-08/13/86	59	0.05	0.089	0.398	0.016	0.006	0.079	0.02	0.032	0.126	0.2
00403	PH, LAB, STANDARD UNITS SU	01/05/72-12/02/80	44	7.1	6.995	7.6	6.2	0.142	0.377	6.4	6.7	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/72-12/02/80	44	7.1	6.83	7.6	6.2	0.17	0.412	6.4	6.7	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-12/02/80	44	0.079	0.148	0.631	0.025	0.02	0.141	0.04	0.05	0.2	0.398
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/05/72-12/02/80	44	2.055	2.195	4.35	1.	0.591	0.768	1.2	1.748	2.498	3.38
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/72-05/29/80	43	0.1	0.118	0.31	0.	0.006	0.08	0.04	0.05	0.16	0.266
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	39	2300.	19802.821	240000.	70.	2348745473.414	48463.857	230.	430.	9300.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/05/72-11/15/79	39	3.362	3.456	5.38	1.845	0.728	0.853	2.362	2.633	3.968	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2860.06								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	39	230.	886.718	7500.	15.	2364634.839	1537.737	30.	73.	930.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/05/72-11/15/79	39	2.362	2.396	3.875	1.176	0.556	0.746	1.477	1.863	2.968	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			248.904								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/21/71-08/13/86	37	15.	15.108	21.	9.	11.044	3.323	10.	13.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/71-08/13/86	38	18.	18.579	29.	10.	25.331	5.033	12.	14.	23.	25.1
00032	CLOUD COVER (PERCENT)	01/21/71-08/13/86	40	25.	43.125	100.	0.	2114.984	45.989	0.	0.	100.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GWMP0499

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED	MG/L	01/21/71-12/02/80	36	9.9	9.806	11.9	7.3	1.214	1.102	8.4	9.	10.55	11.26
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	%	01/21/71-12/02/80	24	96.5	96.271	120.4	73.7	83.451	9.135	84.6	92.425	100.6	107.55
00310	BOD, 5 DAY, 20 DEG C	MG/L	01/05/72-08/13/86	27	1.2	1.396	4.6	0.	1.074	1.036	0.24	0.6	1.8	2.86
00400	PH (STANDARD UNITS)		01/21/71-08/13/86	35	7.4	7.426	8.1	6.7	0.12	0.347	6.96	7.2	7.7	7.94
00400	CONVERTED PH (STANDARD UNITS)		01/21/71-08/13/86	35	7.4	7.294	8.1	6.7	0.138	0.371	6.96	7.2	7.7	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/21/71-08/13/86	35	0.04	0.051	0.2	0.008	0.002	0.043	0.012	0.02	0.063	0.11
00403	PH, LAB, STANDARD UNITS	SU	01/05/72-12/02/80	27	7.1	7.037	7.7	6.1	0.116	0.341	6.6	6.8	7.3	7.42
00403	CONVERTED PH, LAB, STANDARD UNITS		01/05/72-12/02/80	27	7.1	6.888	7.7	6.1	0.139	0.373	6.6	6.8	7.3	7.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/05/72-12/02/80	27	0.079	0.129	0.794	0.02	0.022	0.148	0.038	0.05	0.158	0.251
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)		01/05/72-12/02/80	27	1.8	1.85	2.85	1.	0.23	0.48	1.24	1.4	2.22	2.424
00650	PHOSPHATE, TOTAL (MG/L AS PO4)		01/05/72-05/29/80	26	0.09	0.141	0.5	0.015	0.015	0.122	0.037	0.048	0.24	0.329
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.		01/05/72-11/15/79	24	2400.	17842.917	240000.	110.	2403922282.428	49029.81	490.	930.	9300.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.		01/05/72-11/15/79	24	3.38	3.545	5.38	2.041	0.58	0.761	2.618	2.968	3.968	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.		GEOMETRIC MEAN =			3510.005								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION		01/05/72-11/15/79	24	775.	2210.667	24000.	15.	25887841.884	5088.01	56.5	91.	1357.5	6800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION		01/05/72-11/15/79	24	2.883	2.667	4.38	1.176	0.646	0.804	1.733	1.959	3.124	3.801
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION		GEOMETRIC MEAN =			464.016								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

EPA Water Quality Criteria Analysis for Entire GWMP Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2246	344	0.15	813	118	0.15	811	131	0.16	622	95	0.15			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1535	97	0.06	681	47	0.07	440	37	0.08	414	13	0.03			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7391	989	0.13	3457	420	0.12	1729	269	0.16	2205	300	0.14			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12657	1325	0.10	6628	1240	0.19	3084	12	0.00	2945	73	0.02			
00400	PH	Other-Hi Lim.	9.	18053	212	0.01	9072	92	0.01	4530	29	0.01	4451	91	0.02			
		Other-Lo Lim.	6.5	18052 &	1195	0.07	9071	858	0.09	4530	177	0.04	4451	160	0.04			
00403	PH, LAB	Other-Hi Lim.	9.	2616	28	0.01	923	10	0.01	1003	13	0.01	690	5	0.01			
		Other-Lo Lim.	6.5	2616	123	0.05	923	33	0.04	1003	60	0.06	690	30	0.04			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	0	0.00				2	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3363	4	0.00	1427	3	0.00	1034	0	0.00	902	1	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2266	37	0.02	858	21	0.02	808	5	0.01	600	11	0.02			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3240	5	0.00	1382	2	0.00	985	2	0.00	873	1	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1794	2	0.00	653	0	0.00	638	2	0.00	503	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3930	7	0.00	1297	0	0.00	1561	7	0.00	1072	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1339	0	0.00	459	0	0.00	486	0	0.00	394	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2111	3	0.00	738	1	0.00	831	2	0.00	542	0	0.00			
		Drinking Water	250.	2111	15	0.01	738	1	0.00	831	14	0.02	542	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	250.	4	0	0.00				2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1817	0	0.00	636	0	0.00	737	0	0.00	444	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00				2	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	328	0	0.00	116	0	0.00	122	0	0.00	90	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	271	0	0.00	93	0	0.00	115	0	0.00	63	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	367	0	0.00	147	0	0.00	153	0	0.00	67	0	0.00			
		Drinking Water	50.	367	0	0.00	147	0	0.00	153	0	0.00	67	0	0.00			
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
		Drinking Water	50.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	206	0	0.00	98	0	0.00	48	0	0.00	60	0	0.00			
		Drinking Water	50.	206	0	0.00	98	0	0.00	48	0	0.00	60	0	0.00			
		Marine Acute	69.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	88	0	0.00	30	0	0.00	35	0	0.00	23	0	0.00			
01006	BARIUM, SUSPENDED	Drinking Water	2000.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	20	0	0.00	5	0	0.00	10	0	0.00	5	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	62	0	0.00	22	0	0.00	23	0	0.00	17	0	0.00			
		Drinking Water	4.	62	0	0.00	22	0	0.00	23	0	0.00	17	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	30	0	0.00	13	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	4.	8 &	0	0.00	8	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	95 &	3	0.03	33	2	0.06	39	1	0.03	23	0	0.00			
		Drinking Water	5.	98 &	3	0.03	33	2	0.06	40	1	0.03	25	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	36	1	0.03	15	1	0.07	13	0	0.00	8	0	0.00			
		Drinking Water	5.	36	1	0.03	15	1	0.07	13	0	0.00	8	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	521 &	8	0.02	240	6	0.03	143	1	0.01	138	1	0.01			
		Drinking Water	5.	521 &	7	0.01	240	5	0.02	143	1	0.01	138	1	0.01			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	104	0	0.00	38	0	0.00	40	0	0.00	26	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	36	0	0.00	13	0	0.00	15	0	0.00	8	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	689	1	0.00	292	0	0.00	193	1	0.01	204	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	106	1	0.01	38	0	0.00	41	0	0.00	27	1	0.04			
		Drinking Water	1300.	106	0	0.00	38	0	0.00	41	0	0.00	27	0	0.00			
		Marine Acute	2.9	1	0	0.00	1	0	0.00									
01041	COPPER, SUSPENDED	Fresh Acute	18.	41	2	0.05	16	1	0.06	16	0	0.00	9	1	0.11			
		Drinking Water	1300.	41	0	0.00	16	0	0.00	16	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	679 &	59	0.09	284	26	0.09	190	19	0.10	205	14	0.07			
		Drinking Water	1300.	691	1	0.00	292	1	0.00	194	0	0.00	205	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	119	0	0.00	39	0	0.00	53	0	0.00	27	0	0.00			
		Drinking Water	15.	118 &	15	0.13	38	4	0.11	53	6	0.11	27	5	0.19			
01050	LEAD, SUSPENDED	Fresh Acute	82.	48	8	0.17	15	5	0.33	24	2	0.08	9	1	0.11			
		Drinking Water	15.	48	22	0.46	15	10	0.67	24	9	0.38	9	3	0.33			
01051	LEAD, TOTAL	Fresh Acute	82.	698 &	20	0.03	298	9	0.03	206	7	0.03	194	4	0.02			
		Drinking Water	15.	325 &	95	0.29	125	34	0.27	114	38	0.33	86	23	0.27			
01058	THALLIUM, SUSPENDED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GWMP Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01059	THALLIUM, TOTAL	Fresh Acute	1400.	24	0	0.00	11	0	0.00	8	0	0.00	5	0	0.00			
		Drinking Water	2.	2 &	0	0.00	2	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	182	0	0.00	59	0	0.00	56	0	0.00	67	0	0.00			
		Drinking Water	100.	182	1	0.01	59	0	0.00	56	0	0.00	67	1	0.01			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	100.	12	1	0.08	3	0	0.00	6	1	0.17	3	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	108	0	0.00	54	0	0.00	26	0	0.00	28	0	0.00			
		Drinking Water	100.	108	1	0.01	54	0	0.00	26	1	0.04	28	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	90	0	0.00	30	0	0.00	36	0	0.00	24	0	0.00			
		Drinking Water	100.	90	0	0.00	30	0	0.00	36	0	0.00	24	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	15	0	0.00	3	0	0.00	8	0	0.00	4	0	0.00			
		Drinking Water	100.	15	0	0.00	3	0	0.00	8	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	43	0	0.00	17	0	0.00	13	0	0.00	13	0	0.00			
		Drinking Water	100.	43	0	0.00	17	0	0.00	13	0	0.00	13	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	106	1	0.01	38	0	0.00	41	0	0.00	27	1	0.04			
		Drinking Water	5000.	106	0	0.00	38	0	0.00	41	0	0.00	27	0	0.00			
01091	ZINC, SUSPENDED	Fresh Acute	120.	35	1	0.03	15	0	0.00	13	0	0.00	7	1	0.14			
		Drinking Water	5000.	35	0	0.00	15	0	0.00	13	0	0.00	7	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	680	76	0.11	281	36	0.13	194	25	0.13	205	15	0.07			
		Drinking Water	5000.	680	0	0.00	281	0	0.00	194	0	0.00	205	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	6.	3	0	0.00				2	0	0.00	1	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	93	0	0.00	31	0	0.00	39	0	0.00	23	0	0.00			
		Drinking Water	50.	93	0	0.00	31	0	0.00	39	0	0.00	23	0	0.00			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	35	0	0.00	14	0	0.00	13	0	0.00	8	0	0.00			
		Drinking Water	50.	35	0	0.00	14	0	0.00	13	0	0.00	8	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	292	0	0.00	137	0	0.00	99	0	0.00	56	0	0.00			
		Drinking Water	50.	292	0	0.00	137	0	0.00	99	0	0.00	56	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	20	0	0.00	9	0	0.00	8	0	0.00	3	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	13	0	0.00	6	0	0.00	6	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	337	261	0.77	118	102	0.86	141	98	0.70	78	61	0.78			
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	716 &	403	0.56	240	113	0.47	285	152	0.53	191	138	0.72			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1396 &	934	0.67	568	400	0.70	486	301	0.62	342	233	0.68			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1602 &	1152	0.72	492	355	0.72	742	519	0.70	368	278	0.76			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	21	12	0.57	21	12	0.57									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1457 &	1048	0.72	446	334	0.75	685	456	0.67	326	258	0.79			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2015 &	1311	0.65	782	514	0.66	738	453	0.61	495	344	0.69			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1845 &	868	0.47	723	401	0.55	638	247	0.39	484	220	0.45			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	154 &	154	1.00	110	110	1.00				44	44	1.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	131 &	46	0.35	47	15	0.32	52	20	0.38	32	11	0.34			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	222	0	0.00	78	0	0.00	87	0	0.00	57	0	0.00			
		Drinking Water	100.	222	221	1.00	78	77	0.99	87	87	1.00	57	57	1.00			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	224	0	0.00	78	0	0.00	89	0	0.00	57	0	0.00			
		Drinking Water	100.	224	105	0.47	78	47	0.60	89	31	0.35	57	27	0.47			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	68	0	0.00	24	0	0.00	26	0	0.00	18	0	0.00			
		Drinking Water	100.	68	0	0.00	24	0	0.00	26	0	0.00	18	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	68	0	0.00	24	0	0.00	26	0	0.00	18	0	0.00			
		Drinking Water	100.	68	0	0.00	24	0	0.00	26	0	0.00	18	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	5.	10 &	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	5.	10 &	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	100.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	1000.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GWMP Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34020	XYLENES IN WTR SMPLE GC-MS, HEXADECONE E	Drinking Water	10000.	2	0	0.00	2	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	4	0	0.00	3	0	0.00	1	0	0.00						
34210	ACROLEIN, TOTAL	Fresh Acute	68.	4	0	0.00	3	0	0.00	1	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	4	0	0.00	3	0	0.00	1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	4	0	0.00	3	0	0.00	1	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	18	0	0.00	17	0	0.00	1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	18	0	0.00	17	0	0.00	1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	700.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	4	0	0.00	3	0	0.00	1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	4	0	0.00	3	0	0.00	1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	4	0	0.00	3	0	0.00	1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	4	0	0.00	3	0	0.00	1	0	0.00						
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	4	0	0.00	3	0	0.00	1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	4	0	0.00	3	0	0.00	1	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	4	0	0.00	3	0	0.00	1	0	0.00						
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	4	0	0.00	3	0	0.00	1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	9 &	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	4	0	0.00	3	0	0.00	1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	4	0	0.00	3	0	0.00	1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	4	0	0.00	3	0	0.00	1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	4	0	0.00	3	0	0.00	1	0	0.00						
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	4	0	0.00	3	0	0.00	1	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	4	0	0.00	3	0	0.00	1	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	4	0	0.00	3	0	0.00	1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	4	0	0.00	3	0	0.00	1	0	0.00						
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	4	0	0.00	3	0	0.00	1	0	0.00						
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	4	0	0.00	3	0	0.00	1	0	0.00						
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	46	0	0.00	38	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	1.	43 &	0	0.00	36	0	0.00				7	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	33	0	0.00	9	0	0.00	13	0	0.00	11	0	0.00			
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	6.	4	1	0.25	3	1	0.33	1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	4 &	0	0.00				2	0	0.00	2	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	9 &	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	45	0	0.00	37	0	0.00	1	0	0.00	7	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	45	0	0.00	37	0	0.00	1	0	0.00	7	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	45	0	0.00	37	0	0.00	1	0	0.00	7	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	110	0	0.00	66	0	0.00	16	0	0.00	28	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
		Drinking Water	0.2	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	71	0	0.00	35	0	0.00	16	0	0.00	20	0	0.00			
		Drinking Water	2.	71	0	0.00	35	0	0.00	16	0	0.00	20	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	58	0	0.00	29	0	0.00	15	0	0.00	14	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	58	0	0.00	29	0	0.00	15	0	0.00	14	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	58	0	0.00	29	0	0.00	15	0	0.00	14	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	104	0	0.00	67	0	0.00	16	0	0.00	21	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	34	0	0.00	9	0	0.00	14	0	0.00	11	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	104	0	0.00	66	0	0.00	16	0	0.00	22	0	0.00			
		Drinking Water	2.	104	0	0.00	66	0	0.00	16	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GWMP Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/31 Obs	7/01-10/31 Exceed	7/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	58	0	0.00	29	0	0.00	16	0	0.00	13	0	0.00			
		Drinking Water	3.	58	0	0.00	29	0	0.00	16	0	0.00	13	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
		Drinking Water	0.4	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
		Drinking Water	0.2	75	0	0.00	45	0	0.00	16	0	0.00	14	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	59	0	0.00	29	0	0.00	13	0	0.00	17	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	7	1	0.14	3	0	0.00	1	0	0.00	3	1	0.33			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	45	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	28 &	0	0.00	21	0	0.00				7	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	31	0	0.00	23	0	0.00	1	0	0.00	7	0	0.00			
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	4	0	0.00	3	0	0.00	1	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	53	0	0.00	26	0	0.00	15	0	0.00	12	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	53	0	0.00	26	0	0.00	15	0	0.00	12	0	0.00			
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	373 &	223	0.60	139	95	0.68	117	67	0.57	117	61	0.52			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	704	0	0.00	259	0	0.00	247	0	0.00	198	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	688	0	0.00	271	0	0.00	234	0	0.00	183	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	76	0	0.00	26	0	0.00	32	0	0.00	18	0	0.00			
		Drinking Water	2.	76	0	0.00	26	0	0.00	32	0	0.00	18	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	34	0	0.00	14	0	0.00	12	0	0.00	8	0	0.00			
		Drinking Water	2.	34	0	0.00	14	0	0.00	12	0	0.00	8	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	677 &	0	0.00	286	0	0.00	196	0	0.00	195	0	0.00			
		Drinking Water	2.	677 &	1	0.00	286	0	0.00	196	0	0.00	195	1	0.01			
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	23	0	0.00	10	0	0.00	9	0	0.00	4	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	138	8	0.06	51	3	0.06	45	4	0.09	42	1	0.02			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1921	249	0.13	708	77	0.11	688	101	0.15	525	71	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within

the GWMP Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the GWMP Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	4	4	0	0	2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4789	2889	632	1268	97
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	0	0	1	1
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	31	0	0	31	2
00440	BICARBONATE ION (MG/L AS HCO3)	131	17	66	48	26
00445	CARBONATE ION (MG/L AS CO3)	49	5	14	30	17
		5005	2915	712	1378	145 (99)[!]

pH		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	18419	7530	7996	2893	188
00403	PH, LAB (STANDARD UNITS)	2718	870	1147	701	61
		21137	8400	9143	3594	249(190)[!]

Conductivity		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	8446	7316	1130	0	91
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	6600	531	5940	129	66
00096	SALINITY AT 25 DEGREES C (MG/ML)	348	92	6	250	18
00480	SALINITY - PARTS PER THOUSAND	1081	661	384	36	20
		16475	8600	7460	415	195(152)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7393	6388	1005	0	78
00300	OXYGEN, DISSOLVED (MG/L)	13007	1296	7978	3733	148
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	1346	109	871	366	23
		21746	7793	9854	4099	249(208)[!]

Water Temperature		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	21544	7829	9197	4518	266
		21544	7829	9197	4518	266(266)[!]

Flow		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	1	0	1	0	1
00060	FLOW, STREAM, MEAN DAILY CFS	1014	6	110	898	24
00061	FLOW, STREAM, INSTANTANEOUS CFS	1054	151	874	29	33
00065	STAGE, STREAM (FEET)	307	101	198	8	12
00067	TIDE STAGE CODE	3395	2612	765	18	55
		5771	2870	1948	953	125(105)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2246	422	309	1515	49
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	1123	72	334	717	20
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1645	600	1024	21	47
00077	TRANSPARENCY, SECCHI DISC (INCHES)	2888	0	2484	404	47
00078	TRANSPARENCY, SECCHI DISC (METERS)	2004	1437	567	0	60
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	3698	2329	1036	333	82
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	139	139	0	0	8
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1923	1630	293	0	34
		15666	6629	6047	2990	347(174)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	706	494	202	10	12
00602	NITROGEN, DISSOLVED (MG/L AS N)	1485	4	1481	0	19
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	503	71	429	3	17
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	1358	223	1135	0	20
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	4002	2055	1893	54	67
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4421	742	1577	2102	125
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3890	2002	1853	35	77
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	2019	777	917	325	55
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	2508	282	2079	147	39
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	7716	2501	3708	1507	165
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	4047	448	1343	2256	118
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	1892	112	1778	2	35
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	442	0	239	203	16
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	1225	4	1167	54	19
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	1	0	1	0	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1230	4	1164	62	40
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1193	0	1164	29	35
		38638	9719	22130	6789	860(209)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	3004	0	1100	1904	69
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	2618	505	338	1775	93
00665	PHOSPHORUS, TOTAL (MG/L AS P)	5438	2330	2981	127	103
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3704	1349	2271	84	72
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	5	0	5	0	4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	3197	2117	1076	4	100
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	719	0	419	300	19
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1051	244	504	303	27
		19736	6545	8694	4497	487(203)[1]

Chlorophyll		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	3192	0	3192	0	13
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	590	425	47	118	35
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	897	525	372	0	19
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	3200	0	3200	0	24
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	435	269	166	0	23
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	8	0	7	1	1
32230	CHLOROPHYLL A (MG/L)	492	0	486	6	30
		8814	1219	7470	125	145 (96)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3857	2191	442	1224	84
00945	SULFATE, TOTAL (MG/L AS SO4)	1843	529	278	1036	70
00946	SULFATE, DISSOLVED (MG/L AS SO4)	4	4	0	0	2
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	456	73	293	90	33
		6160	2797	1013	2350	189 (93)[!]

Bacteria		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	337	0	311	26	9
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	717	0	0	717	2
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	1574	422	557	595	97
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	1650	67	747	836	50
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	21	0	21	0	13
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	1543	30	662	851	44
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	2023	711	947	365	90
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	1890	589	983	318	54
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	158	0	0	158	12
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	134	53	81	0	2
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	267	55	212	0	9
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	147	0	0	147	17
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	80	0	0	80	6
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	155	0	0	155	11
		10696	1927	4521	4248	416(173)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	3	3	0	0	1
01097	ANTIMONY, TOTAL (UG/L AS SB)	2	0	2	0	2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	367	251	88	28	34
01001	ARSENIC, SUSPENDED (UG/L AS AS)	41	0	38	3	1
01002	ARSENIC, TOTAL (UG/L AS AS)	207	48	131	28	36
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	62	30	10	22	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	30	22	8	0	11
01025	CADMIUM, DISSOLVED (UG/L AS CD)	106	30	48	28	3
01026	CADMIUM, SUSPENDED (UG/L AS CD)	36	0	33	3	1
01027	CADMIUM, TOTAL (UG/L AS CD)	647	382	221	44	60
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	104	30	47	27	3
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	36	0	33	3	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	689	379	220	90	60
01040	COPPER, DISSOLVED (UG/L AS CU)	107	30	49	28	4
01041	COPPER, SUSPENDED (UG/L AS CU)	41	0	38	3	1
01042	COPPER, TOTAL (UG/L AS CU)	691	383	217	91	60
01049	LEAD, DISSOLVED (UG/L AS PB)	119	30	61	28	3
01050	LEAD, SUSPENDED (UG/L AS PB)	48	0	45	3	1
01051	LEAD, TOTAL (UG/L AS PB)	699	384	235	80	60
71890	MERCURY, DISSOLVED (UG/L AS HG)	76	25	46	5	1
71895	MERCURY, SUSPENDED (UG/L AS HG)	34	0	31	3	1
71900	MERCURY, TOTAL (UG/L AS HG)	678	385	203	90	60
01065	NICKEL, DISSOLVED (UG/L AS NI)	182	38	89	55	21
01066	NICKEL, SUSPENDED (UG/L AS NI)	12	0	12	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	108	42	66	0	26
01145	SELENIUM, DISSOLVED (UG/L AS SE)	93	38	48	7	2
01146	SELENIUM, SUSPENDED (UG/L AS SE)	35	0	32	3	1
01147	SELENIUM, TOTAL (UG/L AS SE)	292	243	45	4	34
01075	SILVER, DISSOLVED (UG/L AS AG)	90	38	30	22	3
01076	SILVER, SUSPENDED (UG/L AS AG)	15	0	15	0	1
01077	SILVER, TOTAL (UG/L AS AG)	43	6	37	0	8
01058	THALLIUM, SUSPENDED (UG/L AS TL)	1	1	0	0	1
01059	THALLIUM, TOTAL (UG/L AS TL)	24	22	2	0	10
01090	ZINC, DISSOLVED (UG/L AS ZN)	106	30	48	28	3
01091	ZINC, SUSPENDED (UG/L ZN)	35	0	32	3	1
01092	ZINC, TOTAL (UG/L AS ZN)	680	370	220	90	60
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	4	0	4	0	3
34210	ACROLEIN, TOTAL (UG/L)	4	0	4	0	3
34215	ACRYLONITRILE, TOTAL (UG/L)	4	0	4	0	3
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	10	2	8	0	7
32104	BROMOFORM, WHOLE WATER, (UG/L)	9	0	9	0	6
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	11	2	9	0	8
34301	CHLOROBENZENE, TOTAL (UG/L)	8	0	8	0	5
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	8	0	8	0	5
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	1	0	1	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	8	0	8	0	5
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	8	0	8	0	5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	222	0	0	222	2
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	224	0	0	224	2
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	68	0	0	68	2
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	68	0	0	68	2
32106	CHLOROFORM, WHOLE WATER (UG/L)	9	0	9	0	6
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	9	0	9	0	6
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	8	0	8	0	5
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	11	2	9	0	8

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	8	0	8	0	5
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	8	0	8	0	5
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	8	0	8	0	5
34371	ETHYLBENZENE, TOTAL (UG/L)	10	2	8	0	7
34413	METHYL BROMIDE, TOTAL (UG/L)	8	0	8	0	5
34418	METHYL CHLORIDE, TOTAL (UG/L)	4	0	4	0	3
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	8	0	8	0	5
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	10	2	8	0	7
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	10	2	8	0	7
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	10	2	8	0	7
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	8	0	8	0	5
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	8	0	8	0	5
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	8	0	8	0	5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	10	2	8	0	7
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	10	2	8	0	7
34586	2-CHLOROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	4	0	4	0	3
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	4	0	4	0	3
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34591	2-NITROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34646	4-NITROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	4	0	4	0	3
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	46	15	31	0	13
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	4	0	4	0	3
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	4	0	4	0	3
34205	ACENAPHTHENE, TOTAL (UG/L)	4	0	4	0	3
34200	ACENAPHTHYLENE, TOTAL (UG/L)	4	0	4	0	3
34220	ANTHRACENE, TOTAL (UG/L)	4	0	4	0	3
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	3
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	4	0	4	0	3
34247	BENZO-A-PYRENE, TOTAL (UG/L)	4	0	4	0	3
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	4	0	4	0	3
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	4	0	4	0	3
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	4	0	4	0	3
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	4	0	4	0	3
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	4	0	4	0	3
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	4	0	4	0	3
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	4	0	4	0	3
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	4	0	4	0	3
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	4	0	4	0	3
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	4	0	4	0	3
34320	CHRYSENE, TOTAL (UG/L)	4	0	4	0	3
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	4	0	4	0	3
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	4	0	4	0	3
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	4	0	4	0	3
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	4	0	4	0	3
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	4	0	4	0	3
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	4	0	4	0	3
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	4	0	4	0	3
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	4	0	4	0	3
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	4	0	4	0	3
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	4	0	4	0	3
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	4	0	4	0	3
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	4	0	4	0	3

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 11/07/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34376	FLUORANTHENE, TOTAL (UG/L)	4	0	4	0	3
34381	FLUORENE, TOTAL (UG/L)	4	0	4	0	3
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	31	0	31	0	10
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	3
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	4	0	4	0	3
34396	HEXACHLOROETHANE, TOTAL (UG/L)	4	0	4	0	3
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	4	0	4	0	3
34408	ISOPHORONE, TOTAL (UG/L)	4	0	4	0	3
34696	NAPHTHALENE, TOTAL (UG/L)	4	0	4	0	3
34447	NITROBENZENE, TOTAL (UG/L)	4	0	4	0	3
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	4	0	4	0	3
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	4	0	4	0	3
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	4	0	4	0	3
34461	PHENANTHRENE, TOTAL (UG/L)	4	0	4	0	3
34469	PYRENE, TOTAL (UG/L)	4	0	4	0	3
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	4	0	4	0	3
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	112	15	77	20	16
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	18	15	3	0	13
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	18	15	3	0	13
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	78	15	43	20	16
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	18	15	3	0	13
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	71	0	70	1	12
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	45	15	30	0	13
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	60	0	40	20	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	105	15	70	20	16
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	18	15	3	0	13
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	18	15	3	0	13
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	18	15	3	0	13
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	106	15	70	21	17
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	78	15	43	20	16
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	78	15	43	20	16
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	18	15	3	0	13
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	18	15	3	0	13
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	18	15	3	0	13
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	18	15	3	0	13
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	18	15	3	0	13
34671	PCB - 1016, TOTAL (UG/L)	18	15	3	0	13
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	58	15	43	0	14
		8874	3603	3688	1583	1263 (77)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	5005	2915	58.2	99	33.6	50.6	04/03/45-11/07/95	98.9
pH	21137	8400	39.7	190	64.4	111.2	11/20/52-11/07/95	492.0
Conductivity	16475	8600	52.2	152	51.5	108.4	11/20/52-11/07/95	383.5
Dissolved Oxygen	21746	7793	35.8	208	70.5	104.5	12/02/57-11/07/95	573.3
Water Temperature	21544	7829	36.3	266	90.2	81.0	12/02/57-11/07/95	567.9
Flow	5771	2870	49.7	105	35.6	55.0	04/03/45-11/07/95	114.1
Clarity/Turbidity	15666	6629	42.3	174	59.0	90.0	12/02/57-11/07/95	413.0
Nitrate/Nitrogen	38638	9719	25.2	209	70.8	184.9	04/03/45-11/07/95	763.6
Phosphate/Phosphorus	19736	6545	33.2	203	68.8	97.2	12/07/64-11/07/95	638.3
Chlorophyll	8814	1219	13.8	96	32.5	91.8	07/11/68-12/13/94	333.5
Sulfates/Total Dissolved Solids/Hardness	6160	2797	45.4	93	31.5	66.2	04/03/45-11/07/95	121.7
Bacteria	10696	1927	18.0	173	58.6	61.8	10/14/57-11/07/95	281.0
Toxic Elements	8874	3603	40.6	77	26.1	115.2	10/14/57-07/13/94	241.5

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740114	1500	4.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740325	1347	31.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740430	1450	84.0000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740618	1315	204.0000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740619	1313	79.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740715	1230	214.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740716	1213	181.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	740905	1213	112.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	750715	1239	3.0000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	750722	1235	88.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	750825	1218	121.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	750826	1242	157.5000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	760623	1335	206.2000000	11121TWQ	POT-CONS-P6	x
GWMP0006	32230	CHLOROPHYLL A (MG/L)	761201	1500	165.0000000	11121TWQ	POT-CONS-P6	x
GWMP0008	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700225	1445	0.6000000	11121VWQ	POT-EMB-001C	x
GWMP0008	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700610	1020	0.4000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700225	1445	12.0000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700312	1140	13.5000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700508	1335	45.0000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700520	1535	49.5000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700610	1020	30.0000000	11121VWQ	POT-EMB-001C	x
GWMP0008	32230	CHLOROPHYLL A (MG/L)	700709	1103	150.0000000	11121VWQ	POT-EMB-001C	x
GWMP0009	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700225	1445	0.6000000	1113PEET	POTOMAC 004	x
GWMP0009	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700610	1020	0.4000000	1113PEET	POTOMAC 004	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700514	1315	0.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700514	1315	0.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720905	1330	0.7000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720905	1330	0.6000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721025	1410	0.2000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721025	1410	0.2000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730724	1350	0.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730724	1350	0.6000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730820	1405	0.4000000	11121TWQ	POT-CONS-007	x
GWMP0020	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730820	1405	0.4000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700407	1440	8.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700513	1355	54.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700520	1332	13.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700601	1315	21.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700615	1330	69.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700630	1133	45.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700713	1040	48.8000000	11121TWQ	POT-CONS-007	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700921	1044	135.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	700930	1155	131.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	701019	1310	48.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	701116	1254	21.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	701208	1335	3.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710114	1350	3.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710329	1015	8.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710426	1325	45.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710524	1315	22.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710630	1010	47.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	710729	1155	86.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	720711	1520	6.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	720905	1330	42.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	721025	1410	19.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730404	1310	18.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730412	0900	2.3000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730509	1350	15.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730620	1240	16.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730724	1350	66.8000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	730820	1405	34.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	731030	1400	57.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	731204	1318	24.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740114	1450	4.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740325	1338	13.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740430	1440	72.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740618	1350	39.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740619	1405	39.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740715	1300	88.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740716	1227	72.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	740905	1219	108.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	741209	1100	13.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750127	1055	4.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750210	1140	2.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750409	1125	10.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750519	1048	27.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750617	1220	45.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750707	1135	21.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750715	1303	19.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750722	1255	30.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750825	1234	79.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	750826	1300	49.5000000	11121TWQ	POT-CONS-007	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0020	32230	CHLOROPHYLL A (MG/L)	760623	1235	130.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	761201		7.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	770706	1155	76.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	771031	1140	49.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	790814	1347	61.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810513	1120	13.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810617	1010	13.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810721	1100	49.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810804	1403	100.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810819	1248	52.5000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810901	0945	42.0000000	11121TWQ	POT-CONS-007	x
GWMP0020	32230	CHLOROPHYLL A (MG/L)	810901	1235	63.0000000	11121TWQ	POT-CONS-007	x
GWMP0021	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700224	1035	0.3000000	11121WWQ	POT-TRANS-007	x
GWMP0021	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700224	1035	0.3000000	11121WWQ	POT-TRANS-007	x
GWMP0021	32230	CHLOROPHYLL A (MG/L)	700323	1025	7.5000000	11121WWQ	POT-TRANS-007	x
GWMP0022	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700225	1440	0.6000000	11121VWQ	POT-EMB-001D	x
GWMP0022	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700610	1030	0.4000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700225	1440	12.0000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700312	1135	7.5000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700319	1320	3.8000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700508	1220	12.8000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700520	1528	46.5000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700610	1030	24.8000000	11121VWQ	POT-EMB-001D	x
GWMP0022	32230	CHLOROPHYLL A (MG/L)	700709	1100	172.5000000	11121VWQ	POT-EMB-001D	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740114	1455	6.0000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740325	1345	49.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740430	1445	69.0000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740618	1305	202.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740619	1307	223.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740715	1225	75.0000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740716	1208	178.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	740905	1216	88.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	750715	1235	19.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	750722	1133	63.0000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	750825	1215	55.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	750826	1235	94.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	760623	1325	94.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	761201	1452	75.0000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	770606	1140	76.5000000	11121TWQ	POT-CONS-P8	x
GWMP0024	32230	CHLOROPHYLL A (MG/L)	770705	1120	105.0000000	11121TWQ	POT-CONS-P8	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690218	0905	7.5000000	111230WQ	POT-88.50	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690304	0755	24.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690311	1822	6.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690318	0235	19.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690324	2326	135.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690401	0325	26.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690407	1650	20.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690421	0925	18.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690428	0200	65.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690505	1418	17.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690513	0404	25.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690520	1700	69.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690526	2226	51.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690605	0327	102.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690610	0050	78.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690617	0145	121.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690625	2008	103.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690630	1810	99.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690708	2220	122.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690715	0506	95.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690724	0930	83.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690730	1450	66.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690805	0150	90.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690811	2010	18.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690826	0435	26.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690903	1625	88.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690910	1745	33.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690916	0845	73.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690923	0325	29.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	690930	1725	73.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691006	2106	61.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691021	2140	82.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691027	1448	99.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691112	0700	41.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691119	1023	33.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691209	2140	32.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691217	0340	20.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	691228	0135	20.2500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700106	0835	24.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700113	0925	3.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700119	1125	4.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700127	0458	6.0000000	111230WQ	POT-88.50	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700203	1030	18.7500000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700205	1828	4.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700210	0620	15.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700223		1.5000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700309	0425	6.0000000	111230WQ	POT-88.50	x
GWMP0025	32230	CHLOROPHYLL A (MG/L)	700323	1255	15.0000000	111230WQ	POT-88.50	x
GWMP0026	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700224	1035	0.3000000	1113PEET	POTOMAC 001	x
GWMP0026	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700224	1035	0.3000000	1113PEET	POTOMAC 001	x
GWMP0027	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700225	1440	0.6000000	1113PEET	POTOMAC 005	x
GWMP0027	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	700610	1030	0.4000000	1113PEET	POTOMAC 005	x
GWMP0036	00300	OXYGEN, DISSOLVED MG/L	880411	1545	93.0000000	21VASWCB	1ALIF000.19	x
GWMP0036	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	890501	1100	430.0000000	21VASWCB	1ALIF000.19	
GWMP0036	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930310	0959	4640.0000000	21VASWCB	1ALIF000.19	
GWMP0036	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	930810	1020	515.6900000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	920414	0951	277.5500000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	930713	1014	262.0700000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	930810	1020	262.2300000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	930914	1033	228.8400000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	940816	1008	226.2500000	21VASWCB	1ALIF000.19	
GWMP0036	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	940829	1150	205.2900000	21VASWCB	1ALIF000.19	
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800704	1300	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800709	1220	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800711	0820	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800711	1525	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800811	1730	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1520	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801216	1345	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810715	1645	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810728	1130	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810731	1930	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830803	1559	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830810	1709	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830817	1419	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830908	1259	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830921	1329	0.0000000	112WRD	384318077020300	x
GWMP0038	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	831014	1210	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	800704	1300	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	800709	1220	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	800711	0820	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	800711	1525	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	800811	1730	0.0000000	112WRD	384318077020300	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0038	00400	PH (STANDARD UNITS)	801002	1520	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	801216	1345	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	810715	1645	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	810728	1130	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	810731	1930	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	830803	1559	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	830810	1709	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	830817	1419	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	830908	1259	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	830921	1329	0.0000000	112WRD	384318077020300	x
GWMP0038	00400	PH (STANDARD UNITS)	831014	1210	0.0000000	112WRD	384318077020300	x
GWMP0038	00403	PH, LAB, STANDARD UNITS SU	801021	1010	0.0000000	112WRD	384318077020300	x
GWMP0038	00403	PH, LAB, STANDARD UNITS SU	810825	2320	0.0000000	112WRD	384318077020300	x
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720601	1400	23.5000000	21VASWCB	1ALIF001.19	
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720925	1330	21.5000000	21VASWCB	1ALIF001.19	
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	721129	1310	21.0000000	21VASWCB	1ALIF001.19	
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730322	1310	23.5000000	21VASWCB	1ALIF001.19	
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730516	1245	24.5000000	21VASWCB	1ALIF001.19	
GWMP0041	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730608	1200	27.0000000	21VASWCB	1ALIF001.19	
GWMP0060	00927	MAGNESIUM, TOTAL (MG/L AS MG)	871118	1110	2800.0000000	21VASWCB	1APAU001.17	
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690218	0920	24.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690304	0735	3.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690311	1805	1.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690318	0220	20.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690324	2348	129.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690401	0345	13.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690402	0345	13.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690407	1635	10.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690421	0950	15.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690428	0215	102.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690505	0402	45.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690505	1402	45.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690513	0343	28.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690520	1725	50.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690526	2214	53.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690605	0347	102.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690609	0105	99.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690617	0110	52.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690625	1950	90.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690701	1745	28.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690709	2235	93.7500000	111230WQ	POT-91.40	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690715	0445	118.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690724	0905	33.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690730	1435	85.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690805	0127	95.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690812	1945	9.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690903	1700	12.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690910	1710	18.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690916	0915	27.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	690930	1710	42.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691006	2053	36.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691021	2122	48.0000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691027	1430	24.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691112	0640	50.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691119	1000	25.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691209	2125	45.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691217	0325	26.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	691228	0205	4.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700106	0825	5.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700113	0910	3.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700119	1150	4.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700127	0513	5.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700203	1105	11.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700205	1812	2.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700210	0605	3.7500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700223		4.5000000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700309	0440	5.2500000	111230WQ	POT-91.40	x
GWMP0061	32230	CHLOROPHYLL A (MG/L)	700323	1235	5.2500000	111230WQ	POT-91.40	x
GWMP0062	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	810901	1000	167.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700407	1405	7.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700513	1323	27.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700520	1312	31.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700601	1250	30.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700615	1320	51.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700630	1121	45.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700713	1027	22.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700921	1030	103.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	700930	1220	96.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	701019	1255	90.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	701116	1240	15.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	701208	1320	3.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	710125	1550	12.0000000	11121TWQ	POT-CONS-006	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0062	32230	CHLOROPHYLL A (MG/L)	710329	1100	8.3000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	710426	1300	42.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	710524	1255	7.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	710630	1030	27.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	720712	1110	0.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	720906	1230	18.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	721026	1050	7.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	730410	1045	5.3000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	730507	1045	5.3000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	730620	1230	7.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	730725	1040	42.8000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	730821	0940	43.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	731030	1350	37.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	731204	1300	12.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740114	1440	4.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740325	1325	16.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740501	1135	33.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740618	1255	25.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740619	1255	39.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740715	1215	45.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740716	1200	24.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	740905	1154	94.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	741209	1120	13.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750127	1045	1.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750409	1105	10.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750519	1035	25.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750617	1230	55.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750707	1110	73.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750715	1225	12.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750722	1223	21.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750825	1205	45.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	750826	1228	30.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	760623	1225	115.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	761202	1246	4.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	770706	1230	85.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	771031	1130	43.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	790814	1400	31.5000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810513	1140	30.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810617	1100	21.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810721	1125	48.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810804	1419	120.0000000	11121TWQ	POT-CONS-006	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810819	1020	63.0000000	11121TWQ	POT-CONS-006	x
GWMP0062	32230	CHLOROPHYLL A (MG/L)	810901	1000	52.5000000	11121TWQ	POT-CONS-006	x
GWMP0076	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800630	1150	0.0000000	112WRD	384605077015800	x
GWMP0076	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800630	1630	0.0000000	112WRD	384605077015800	x
GWMP0076	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1445	0.0000000	112WRD	384605077015800	x
GWMP0076	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810721	1610	0.0000000	112WRD	384605077015800	x
GWMP0076	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830921	1414	0.0000000	112WRD	384605077015800	x
GWMP0076	00400	PH (STANDARD UNITS)	800630	1150	0.0000000	112WRD	384605077015800	x
GWMP0076	00400	PH (STANDARD UNITS)	800630	1630	0.0000000	112WRD	384605077015800	x
GWMP0076	00400	PH (STANDARD UNITS)	801002	1445	0.0000000	112WRD	384605077015800	x
GWMP0076	00400	PH (STANDARD UNITS)	810721	1610	0.0000000	112WRD	384605077015800	x
GWMP0076	00400	PH (STANDARD UNITS)	830921	1414	0.0000000	112WRD	384605077015800	x
GWMP0076	00403	PH, LAB, STANDARD UNITS SU	801021	0950	0.0000000	112WRD	384605077015800	x
GWMP0076	00403	PH, LAB, STANDARD UNITS SU	810825	1730	0.0000000	112WRD	384605077015800	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	790814	1406	33.0000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810513	1150	4.5000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810617	1110	21.0000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810721	1135	49.5000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810804	1430	148.5000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810819	1040	49.5000000	11121TWQ	POT-CONS-05A	x
GWMP0078	32230	CHLOROPHYLL A (MG/L)	810901	1010	64.5000000	11121TWQ	POT-CONS-05A	x
GWMP0084	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1210	-1.6000000	112WRD	384700077013001	x
GWMP0097	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820714	0955	-23.9000000	21VASWCB	1AHUT000.01	x
GWMP0097	00300	OXYGEN, DISSOLVED MG/L	860714	0810	36.5000000	21VASWCB	1AHUT000.01	x
GWMP0097	00400	PH (STANDARD UNITS)	821026	1335	0.7400000	21VASWCB	1AHUT000.01	x
GWMP0097	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	810105	1500	21.0000000	21VASWCB	1AHUT000.01	
GWMP0097	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930310	1018	5330.0000000	21VASWCB	1AHUT000.01	
GWMP0097	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	820517	1025	2.8000000	21VASWCB	1AHUT000.01	
GWMP0097	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	820517	1025	20.0000000	21VASWCB	1AHUT000.01	
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800403	1010	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800403	1250	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800403	1315	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800407	1145	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800407	1300	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800407	1335	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800409	1145	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800421	1025	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800422	0940	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800430	1030	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800430	1105	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	800502	0700	0.0000000	112WRD	01652590	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800506	0810	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800506	1030	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800508	1910	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800512	1430	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800519	0945	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800519	1005	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800704	1525	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800704	1600	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800709	1430	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800709	1600	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800716	1340	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800805	1615	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800806	1610	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800807	0631	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800807	1620	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800915	1500	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1335	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1400	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801007	1140	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801015	0940	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801015	0955	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801021	0900	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801027	1030	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801027	1115	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801110	1405	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801110	1500	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801202	1410	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810224	1315	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830817	1236	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830831	1159	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830928	1319	0.0000000	112WRD	01652590	x
GWMP0113	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	831014	1310	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800519	0945	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800519	1005	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800704	1525	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800704	1600	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800709	1430	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800709	1600	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800716	1340	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800805	1615	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800806	1610	0.0000000	112WRD	01652590	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0113	00400	PH (STANDARD UNITS)	800807	0631	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800807	1620	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	800915	1500	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801002	1335	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801002	1400	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801007	1140	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801015	0940	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801015	0955	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801021	0900	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801027	1030	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801027	1115	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801110	1405	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801110	1500	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	801202	1410	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	810224	1315	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	830817	1236	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	830831	1159	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	830928	1319	0.0000000	112WRD	01652590	x
GWMP0113	00400	PH (STANDARD UNITS)	831014	1310	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	801021	0900	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	801021	0930	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	801110	1405	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	801110	1500	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810204	0920	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810204	0950	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810722	0645	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810722	0720	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810825	1755	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810825	1820	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810922	1015	0.0000000	112WRD	01652590	x
GWMP0113	00403	PH, LAB, STANDARD UNITS SU	810922	1015	0.0000000	112WRD	01652590	x
GWMP0113	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790613	1410	-1.1000000	112WRD	01652590	x
GWMP0113	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790614	1107	-3.3000000	112WRD	01652590	x
GWMP0113	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790906	1105	-4.8000000	112WRD	01652590	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700407	1345	6.7000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700513	1305	39.8000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700520	1236	12.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700601	1230	29.3000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700615	1250	58.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700630	1110	48.8000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700713	1015	45.0000000	11121TWQ	POT-CONS-005	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700921	1018	78.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	700930	1233	61.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	701019	1230	76.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	701116	1225	16.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	701208	1305	9.8000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	710125	1535	9.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	710426	1240	39.8000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	710524	1235	9.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	710630	1050	26.3000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	710726	1200	65.3000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	720906	1215	28.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	721026	1110	1.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	730410	1100	1.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	730507	1100	7.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	730620	1217	28.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	730725	1055	59.3000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	730821	0950	55.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	731030	1335	15.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	731204	1248	12.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740114	1417	4.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740325	1315	10.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740501	1155	26.3000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740618	1240	42.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740619	1243	42.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740715	1205	39.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740716	1147	30.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	740905	1146	55.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	741209	1130	12.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750127	1025	6.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750210	1110	7.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750409	1055	18.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750519	1022	24.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750617	1245	51.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750707	1100	105.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750715	1215	24.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750722	1213	15.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750825	1157	36.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	750826	1218	37.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	760623	1215	82.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	761202	1237	4.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	770706	1245	76.5000000	11121TWQ	POT-CONS-005	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0115	32230	CHLOROPHYLL A (MG/L)	771031	1120	26.2000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810513	1200	30.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810617	1121	18.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810721	1145	675.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810804	1435	115.5000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810819	1052	60.0000000	11121TWQ	POT-CONS-005	x
GWMP0115	32230	CHLOROPHYLL A (MG/L)	810901	1020	66.0000000	11121TWQ	POT-CONS-005	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690218	0940	9.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690226		0.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690304	0715	9.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690311	1745	4.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690318	0200	11.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690324	0002	34.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690401	0405	8.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690407	1620	14.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690421	1000	33.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690428	0235	120.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690429	0235	120.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690505	1348	7.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690513	0330	25.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690520	1742	50.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690526	2155	49.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690605	0412	61.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690609	0130	34.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690617	0110	52.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690626	1937	52.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690630	1725	155.2600000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690708	2255	111.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690715	0430	89.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690724	0850	28.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690730	1420	86.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690805	0100	63.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690812	1935	19.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690826	0520	21.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690903	1800	51.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690910	1655	18.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690916	0935	32.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	690930	1655	32.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691006	2035	19.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691021	2100	7.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691027	1417	21.7500000	111230WQ	POT-94.70	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691112	0620	53.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691119	0945	27.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691209	2110	9.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691217	0310	24.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691221	0700	8.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	691228	0215	2.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700106	0810	6.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700113	0855	3.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700119	1225	4.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700127	0535	5.2500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700203	1125	13.5000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700205	1455	6.2600000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700210	0550	3.0000000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700223		0.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700309	0500	3.7500000	111230WQ	POT-94.70	x
GWMP0122	32230	CHLOROPHYLL A (MG/L)	700323	1225	9.0000000	111230WQ	POT-94.70	x
GWMP0124	00310	BOD, 5 DAY, 20 DEG C MG/L	730608	1245	175.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720124	1420	23.5000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720130	1340	28.5000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720403	1200	30.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	721129	1130	21.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730221	1800	21.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730322	1145	25.5000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730516	1345	26.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730608	1245	26.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730703	1435	30.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	731016	1130	25.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	731114	1050	21.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	731206	1325	23.0000000	21VASWCB	1AHUT000.57	
GWMP0124	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	740521	1235	23.0000000	21VASWCB	1AHUT000.57	
GWMP0124	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	730703	1435	14.5000000	21VASWCB	1AHUT000.57	
GWMP0124	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	730703	1435	11.0000000	21VASWCB	1AHUT000.57	
GWMP0130	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691104	0800	20.6000000	1113POTS	POTOMAC 020	
GWMP0130	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691104	1200	28.2000000	1113POTS	POTOMAC 020	
GWMP0130	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691104	1600	20.2000000	1113POTS	POTOMAC 020	
GWMP0130	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691104	2000	29.5000000	1113POTS	POTOMAC 020	
GWMP0130	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691104	2400	23.4000000	1113POTS	POTOMAC 020	
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691103	2400	32.5000000	1113POTS	POTOMAC 020	
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	0400	41.5000000	1113POTS	POTOMAC 020	
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	0800	34.3000000	1113POTS	POTOMAC 020	
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	1600	38.4000000	1113POTS	POTOMAC 020	

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2000	46.9000000	1113POTS	POTOMAC 020	
GWMP0130	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2400	44.5000000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691103	2400	70.1600000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0400	74.5400000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0800	62.5100000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1200	54.6400000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1600	71.2600000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2000	76.7200000	1113POTS	POTOMAC 020	
GWMP0130	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2400	73.4400000	1113POTS	POTOMAC 020	
GWMP0151	00300	OXYGEN, DISSOLVED MG/L	790702	1030	90.0000000	21VASWCB	1ACAM000.95	x
GWMP0155	00927	MAGNESIUM, TOTAL (MG/L AS MG)	891129	1030	4400.0000000	21VASWCB	1AHOR000.24	
GWMP0155	00929	SODIUM, TOTAL (MG/L AS NA)	891129	1030	41800.0000000	21VASWCB	1AHOR000.24	
GWMP0155	00937	POTASSIUM, TOTAL MG/L AS K)	891129	1030	4000.0000000	21VASWCB	1AHOR000.24	
GWMP0157	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1020	-7.9000000	112WRD	384815077011001	x
GWMP0157	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1345	-2.8000000	112WRD	384815077011001	x
GWMP0157	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1605	-1.4000000	112WRD	384815077011001	x
GWMP0157	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790524	1545	-0.9000000	112WRD	384815077011001	x
GWMP0157	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	790522	1340	94.0000000	112WRD	384815077011001	
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700407	1315	6.7000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700513	1250	27.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700520	1218	11.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700601	1210	64.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700615	1240	77.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700630	1102	60.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700713	0944	48.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700921	0952	39.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	700930	1330	36.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	701019	1140	69.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	701116	1216	9.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	701208	1233	20.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710125	1500	5.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710329	1155	3.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710426	1220	41.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710524	1215	6.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710630	1100	30.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	710726	1140	33.8000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	720712	1145	1.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	720906	1205	21.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	721026	1125	4.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	730410	1115	13.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	730507	1110	6.0000000	11121TWQ	POT-CONS-004	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0159	32230	CHLOROPHYLL A (MG/L)	730620	1205	30.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	730725	1105	57.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	730821	1000	64.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	731030	1220	18.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	731204	1235	9.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740114	1406	9.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740325	1305	13.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740501	1225	28.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740618	1230	19.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740619	1230	46.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740715	1158	30.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740716	1140	27.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	740905	1139	50.3000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	750715	1205	10.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	750722	1205	33.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	750825	1145	37.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	750826	1210	34.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	760623	1200	67.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	761202	1226	3.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	770706	1256	78.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	771031	1110	45.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	790814	1426	18.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810513	1225	27.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810617	1138	19.4000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810721	1200	66.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810804	1448	120.0000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810819	1110	61.5000000	11121TWQ	POT-CONS-004	x
GWMP0159	32230	CHLOROPHYLL A (MG/L)	810901	1035	67.5000000	11121TWQ	POT-CONS-004	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800706	1630	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800706	2120	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800805	0635	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800806	0640	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800808	0630	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1315	0.0000000	112WRD	384852077020500	x
GWMP0161	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830928	1354	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800706	1630	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800706	2120	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800805	0635	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800806	0640	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800808	0630	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	800915	1416	0.0000000	112WRD	384852077020500	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0161	00400	PH (STANDARD UNITS)	801002	1315	0.0000000	112WRD	384852077020500	x
GWMP0161	00400	PH (STANDARD UNITS)	830928	1354	0.0000000	112WRD	384852077020500	x
GWMP0161	00403	PH, LAB, STANDARD UNITS SU	801021	0825	0.0000000	112WRD	384852077020500	x
GWMP0161	00403	PH, LAB, STANDARD UNITS SU	810825	1900	0.0000000	112WRD	384852077020500	x
GWMP0182	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691103	2400	31.0000000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691103	2400	53.7700000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0400	53.7700000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0800	52.6800000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1200	46.6700000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1600	46.1200000	1113POTS	POTOMAC 022	
GWMP0182	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2000	51.5800000	1113POTS	POTOMAC 022	
GWMP0192	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930107	1300	3370.0000000	21VASWCB	1AHOR001.30	
GWMP0208	00300	OXYGEN, DISSOLVED MG/L	800212	1020	92.0000000	21VASWCB	1AFOU000.19	x
GWMP0208	00300	OXYGEN, DISSOLVED MG/L	810512	1120	75.5000000	21VASWCB	1AFOU000.19	x
GWMP0208	00400	PH (STANDARD UNITS)	781127	1340	73.0000000	21VASWCB	1AFOU000.19	x
GWMP0208	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	790702	1230	440.0000000	21VASWCB	1AFOU000.19	x
GWMP0208	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	750418	1115	143.0000000	21VASWCB	1AFOU000.19	
GWMP0208	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930310	1040	6630.0000000	21VASWCB	1AFOU000.19	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720124	1320	25.0000000	21VASWCB	1AFOU000.63	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720130	1400	25.5000000	21VASWCB	1AFOU000.63	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720601	1225	20.5000000	21VASWCB	1AFOU000.63	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730322	1220	25.0000000	21VASWCB	1AFOU000.63	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730516	1440	22.0000000	21VASWCB	1AFOU000.63	
GWMP0210	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730608	1345	22.0000000	21VASWCB	1AFOU000.63	
GWMP0213	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	0800	32.7000000	1113POTS	POTOMAC 021	
GWMP0213	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	1600	31.0000000	1113POTS	POTOMAC 021	
GWMP0213	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2000	33.0000000	1113POTS	POTOMAC 021	
GWMP0213	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2400	32.9000000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691103	2400	35.6400000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0400	32.1800000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0800	32.2900000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1600	30.9500000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2000	31.2800000	1113POTS	POTOMAC 021	
GWMP0213	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2400	36.7600000	1113POTS	POTOMAC 021	
GWMP0218	00400	PH (STANDARD UNITS)	800325	1445	0.0000000	21VASWCB	1AFOU001.92	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800704	1745	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800709	1600	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1230	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801021	0755	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810722	0815	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	810825	1925	0.0000000	112WRD	385039077012600	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830810	1931	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830831	1045	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830921	1619	0.0000000	112WRD	385039077012600	x
GWMP0219	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830928	1413	0.0000000	112WRD	385039077012600	x
GWMP0219	00400	PH (STANDARD UNITS)	801002	1230	0.0000000	112WRD	385039077012600	x
GWMP0219	00400	PH (STANDARD UNITS)	830810	1931	0.0000000	112WRD	385039077012600	x
GWMP0219	00400	PH (STANDARD UNITS)	830831	1045	0.0000000	112WRD	385039077012600	x
GWMP0219	00400	PH (STANDARD UNITS)	830921	1619	0.0000000	112WRD	385039077012600	x
GWMP0219	00400	PH (STANDARD UNITS)	830928	1413	0.0000000	112WRD	385039077012600	x
GWMP0219	00403	PH, LAB, STANDARD UNITS SU	801021	0755	0.0000000	112WRD	385039077012600	x
GWMP0219	00403	PH, LAB, STANDARD UNITS SU	810825	1925	0.0000000	112WRD	385039077012600	x
GWMP0231	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	740905	1140	72.0000000	21VASWCB	1AFOU003.06	x
GWMP0231	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	760105	1400	39.0000000	21VASWCB	1AFOU003.06	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690218	1020	3.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690225		1.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690226		1.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690304	0655	2.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690311	1720	4.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690318	0135	23.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690324	0030	34.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690401	0435	39.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690402	0435	39.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690407	1600	6.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690421	1030	69.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690428	0300	115.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690429	0300	115.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690505	1320	41.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690513	0250	7.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690520	1805	78.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690526	2130	28.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690605	0447	34.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690610	0200	10.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690617	0035	26.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690625	1955	31.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690630	1700	22.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690708	2315	67.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690715	0400	72.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690724	0820	18.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690731	1350	30.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690804	1230	32.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690811	1900	5.2500000	111230WQ	POT-98.60	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690826	0545	10.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690903	1900	21.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690910	1625	19.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690916	1000	17.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	690923	0445	15.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691001	1635	39.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691006	2010	18.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691021	2025	7.5000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691112	0545	48.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691119	0920	20.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691209	2050	6.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691217	0215	24.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691221	0800	6.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	691228	0255	3.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700106	0745	11.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700113	0830	3.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700119	1305	3.7500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700127	0600	3.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700203	1158	8.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700205	1730	6.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700210	0525	9.0000000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700309	0530	5.2500000	111230WQ	POT-98.60	x
GWMP0247	32230	CHLOROPHYLL A (MG/L)	700323	1200	3.7500000	111230WQ	POT-98.60	x
GWMP0248	32230	CHLOROPHYLL A (MG/L)	700513	1245	76.5000000	11121TWQ	POT-CONS-003B	x
GWMP0249	00690	CARBON, TOTAL (MG/L AS C)	750826	1158	332.1000000	11121TWQ	POT-CONS-003	
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700407	1255	12.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700513	1200	55.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700520	1200	7.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700601	1145	37.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700615	1210	78.8000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700630	1054	67.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700713	0933	58.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700921	0938	46.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	700930	1340	36.8000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	701019	1133	30.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	701116	1209	27.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	701208	1220	6.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710125	1425	2.3000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710329	1210	5.3000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710426	1200	59.3000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710524	1155	8.3000000	11121TWQ	POT-CONS-003	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710630	1115	45.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	710726	1130	30.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	720906	1155	22.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	721026	1135	3.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	730410	1130	3.8000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	730507	1120	6.8000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	730620	1148	55.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	730725	1120	70.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	730821	1010	61.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	731030	1150	21.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	731204	1200	19.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740114		7.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740325	1237	61.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740501	1520	31.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740618	1145	52.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740619	1150	49.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740715	1135	45.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740716	1127	25.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	740905	1133	58.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	750715	1147	10.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	750722	1145	16.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	750825	1127	37.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	750826	1158	43.5000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	760623	1140	63.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	761202	1158	3.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	770706	1300	66.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	790814	1437	18.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810513	1240	30.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810617	1145	19.8000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810721	1212	78.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810804	1456	87.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810819	1122	48.0000000	11121TWQ	POT-CONS-003	x
GWMP0249	32230	CHLOROPHYLL A (MG/L)	810901	1045	49.5000000	11121TWQ	POT-CONS-003	x
GWMP0255	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930107	1328	6690.0000000	21VASWCB	1AFOU004.22	
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740325	1245	18.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740501	1500	39.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740618	1200	27.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740619	1155	21.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740715	1138	25.5000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740716	1125	19.5000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	740905	1043	55.5000000	11121TWQ	POT-CONS-A2	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0256	32230	CHLOROPHYLL A (MG/L)	750715	1150	15.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	750722	1147	13.5000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	750825	1130	31.5000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	750826	1203	47.2000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	760623	1145	60.0000000	11121TWQ	POT-CONS-A2	x
GWMP0256	32230	CHLOROPHYLL A (MG/L)	761202	1202	3.0000000	11121TWQ	POT-CONS-A2	x
GWMP0261	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1050	-1.0000000	112WRD	385130077014501	x
GWMP0261	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1642	-2.9000000	112WRD	385130077014501	x
GWMP0261	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1650	-0.5000000	112WRD	385130077014501	x
GWMP0278	01045	IRON, TOTAL (UG/L AS FE)	851015	0908	60100.0000000	21DCBAWQ	TTX27	
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740325	1252	18.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740501	1510	19.5000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740618	1210	165.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740619	1207	9.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740715	1145	16.5000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740716	1130	27.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	740905	1037	51.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	750715	1154	15.0000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	750722	1153	19.5000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	750825	1135	31.5000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	760623	1150	46.5000000	11121TWQ	POT-CONS-A5	x
GWMP0280	32230	CHLOROPHYLL A (MG/L)	761202	1212	1.5000000	11121TWQ	POT-CONS-A5	x
GWMP0281	32230	CHLOROPHYLL A (MG/L)	700318	1030	6.0000000	11121ZWQ	ANA-001.40	x
GWMP0281	32230	CHLOROPHYLL A (MG/L)	700430	1104	2.3000000	11121ZWQ	ANA-001.40	x
GWMP0281	32230	CHLOROPHYLL A (MG/L)	700608	1125	2.3000000	11121ZWQ	ANA-001.40	x
GWMP0281	32230	CHLOROPHYLL A (MG/L)	700707	0950	67.5000000	11121ZWQ	ANA-001.40	x
GWMP0281	32230	CHLOROPHYLL A (MG/L)	701215	1020	7.5000000	11121ZWQ	ANA-001.40	x
GWMP0284	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810721	2015	0.0000000	112WRD	385216077011000	x
GWMP0284	00400	PH (STANDARD UNITS)	810721	2015	0.0000000	112WRD	385216077011000	x
GWMP0290	00403	PH, LAB, STANDARD UNITS SU	801021	0725	0.0000000	112WRD	385223077022400	x
GWMP0292	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	800819	1323	727.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	700921	0920	464.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700407	1245	15.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700513	1140	54.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700520	1140	15.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700601	1130	33.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700615	1150	90.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700630	1043	80.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700713	0923	41.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700921	0920	29.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	700930	1353	41.3000000	11121TWQ	POT-CONS-002	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0292	32230	CHLOROPHYLL A (MG/L)	701019	1120	42.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	701116	1150	20.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	701208	1205	3.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710125	1415	24.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710329	1230	2.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710426	1135	53.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710524	1140	8.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710630	1125	68.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	710726	1120	27.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	720712	1215	3.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	720906	1145	21.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	721026	1145	3.8000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	730410	1145	9.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	730507	1130	13.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	730620	1140	49.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	730725	1130	71.3000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	730821	1020	64.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	731030	1140	3.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	731204	1145	27.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740114	1342	3.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740325	1230	24.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740501	1530	36.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740618	1140	42.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740619	1134	48.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740715	1130	34.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740716	1117	36.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	740905	1126	99.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	750715	1140	9.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	750722	1138	16.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	750825	1119	24.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	750826	1150	37.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	760623	1135	54.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	761202	1150	3.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	770706	1310	48.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	790814	1446	28.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	810617	1153	16.0800000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	810721	1227	84.0000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	810819	1134	46.5000000	11121TWQ	POT-CONS-002	x
GWMP0292	32230	CHLOROPHYLL A (MG/L)	810901	1050	25.5000000	11121TWQ	POT-CONS-002	x
GWMP0298	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	740905	1235	68.0000000	21VASWCB	1AFOU006.24	x
GWMP0309	32230	CHLOROPHYLL A (MG/L)	700318	1050	7.5000000	11121ZWQ	ANA-003.10	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0309	32230	CHLOROPHYLL A (MG/L)	700430	1115	5.3000000	11121ZWQ	ANA-003.10	x
GWMP0309	32230	CHLOROPHYLL A (MG/L)	700513	1320	76.5000000	11121ZWQ	ANA-003.10	x
GWMP0309	32230	CHLOROPHYLL A (MG/L)	700608	1135	11.3000000	11121ZWQ	ANA-003.10	x
GWMP0309	32230	CHLOROPHYLL A (MG/L)	700707	1000	22.5000000	11121ZWQ	ANA-003.10	x
GWMP0309	32230	CHLOROPHYLL A (MG/L)	701215	1030	3.8000000	11121ZWQ	ANA-003.10	x
GWMP0322	00400	PH (STANDARD UNITS)	840910	0909	0.0000000	21DCBAWQ	TPB01	x
GWMP0331	00400	PH (STANDARD UNITS)	740619	1127	26.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	710329	1240	3.8000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	710426	1130	69.8000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	710524	1130	25.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	710726	1105	33.8000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	720906	1135	43.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	721026	1155	3.8000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	730410	1155	11.3000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	730507	1145	6.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	730620	1130	55.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	730725	1140	93.8000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	730821	1030	82.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	731030	1135	40.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	731204	1137	27.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740114	1335	7.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740325	1221	25.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740501	1535	39.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740618	1130	39.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740619	1127	55.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740715	1125	37.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740716	1111	15.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	740905	1121	172.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	750715	1135	13.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	750722	1135	15.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	750825	1115	28.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	750826	1145	37.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	760623	1130	52.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	761202	1143	1.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	790514	1236	25.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	790814	1452	18.0000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	810721	1235	67.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	810804	1515	115.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	810819	1144	40.5000000	11121TWQ	POT-CONS-002B	x
GWMP0331	32230	CHLOROPHYLL A (MG/L)	810901	1100	33.0000000	11121TWQ	POT-CONS-002B	x
GWMP0332	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681105		118.0000000	1110NET	100130	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0335	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800804	0810	0.0000000	112WRD	385315077031800	x
GWMP0335	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1200	0.0000000	112WRD	385315077031800	x
GWMP0335	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810721	1945	0.0000000	112WRD	385315077031800	x
GWMP0335	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830908	0929	0.0000000	112WRD	385315077031800	x
GWMP0335	00400	PH (STANDARD UNITS)	800804	0810	0.0000000	112WRD	385315077031800	x
GWMP0335	00400	PH (STANDARD UNITS)	801002	1200	0.0000000	112WRD	385315077031800	x
GWMP0335	00400	PH (STANDARD UNITS)	810721	1945	0.0000000	112WRD	385315077031800	x
GWMP0335	00400	PH (STANDARD UNITS)	830908	0929	0.0000000	112WRD	385315077031800	x
GWMP0335	00403	PH, LAB, STANDARD UNITS SU	810825	2000	0.0000000	112WRD	385315077031800	x
GWMP0357	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	800917		25.1000000	11121TWQ	POT-CONS-001	
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700407	1230	6.7000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700513	1110	92.3000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700520	1120	13.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700601	1110	82.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700615	1115	81.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	700930	1405	29.3000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	701019	1100	45.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	701116	1135	21.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	701208	1150	6.8000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710125	1400	7.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710329	1305	2.3000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710426	1100	55.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710524	1105	8.3000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710630	1150	83.3000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	710726	1050	39.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	720712	1245	0.8000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	720906	1120	54.8000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	721026	1205	6.8000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	730620	1110	67.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	730725	1150	99.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	730821	1045	82.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	731030	1120	21.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	731204	1127	21.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740114	1325	12.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740325	1207	25.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740501	1545	30.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740618	1120	39.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740619	1112	48.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740715	1115	37.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740716	1059	36.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	740905	1117	171.0000000	11121TWQ	POT-CONS-001	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0357	32230	CHLOROPHYLL A (MG/L)	750715	1125	10.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	750722	1120	16.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	750825	1105	30.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	750826	1135	25.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	760623	1120	49.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	761202	1232	3.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	770706	1330	48.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	790814	1507	28.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810513	1315	36.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810617	1221	16.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810721	1251	64.5000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810804	1526	123.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810819	1200	36.0000000	11121TWQ	POT-CONS-001	x
GWMP0357	32230	CHLOROPHYLL A (MG/L)	810901	1115	24.0000000	11121TWQ	POT-CONS-001	x
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691109	2400	44.2600000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	0400	42.2700000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	1600	55.1600000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	2000	59.8900000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	2400	39.8500000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	0400	39.8500000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	0800	34.3500000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	1200	50.8600000	1113POTS	POTOMAC 023	
GWMP0362	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	1600	40.0700000	1113POTS	POTOMAC 023	
GWMP0374	32230	CHLOROPHYLL A (MG/L)	760623	1115	66.0000000	11121TWQ	POT-CONS-D3	x
GWMP0374	32230	CHLOROPHYLL A (MG/L)	761202	1124	1.5000000	11121TWQ	POT-CONS-D3	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740114	1325	9.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740325	1155	16.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740501	1550	30.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740618	1140	36.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740715	1105	43.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740716	1050	33.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	740905	1108	177.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	750722	1110	16.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	750825	1050	40.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	750826	1130	25.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	760623	1110	63.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	761202	1117	1.5000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	790814	1517	30.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	810617	1235	15.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	810804	1540	93.0000000	11121TWQ	POT-CONS-D4	x
GWMP0382	32230	CHLOROPHYLL A (MG/L)	810819	1214	34.5000000	11121TWQ	POT-CONS-D4	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0382	32230	CHLOROPHYLL A (MG/L)	810901	1130	16.5000000	11121TWQ	POT-CONS-D4	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740114	1315	10.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740325	1200	31.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740501	1600	39.0000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740618	1100	45.0000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740715	1055	28.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740716	1035	34.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	740905	1103	268.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	750722	1104	19.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	750825	1100	28.5000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	760623	1100	60.0000000	11121TWQ	POT-CONS-D6	x
GWMP0397	32230	CHLOROPHYLL A (MG/L)	810722	0950	40.5000000	11121TWQ	POT-CONS-D6	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740116	1000	6.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740328	1040	24.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740429	1022	49.5000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740618	1310	55.5000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740619	0930	39.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740620	1330	67.5000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740716	1425	39.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740717	1430	30.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740718	1050	24.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	740903	1430	138.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	750415	1115	69.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	750716	1105	16.5000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	750721	1100	18.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	750827	1303	96.0000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	760622	1050	70.5000000	11121TWQ	POT-CONS-D8	x
GWMP0414	32230	CHLOROPHYLL A (MG/L)	790814		45.0000000	11121TWQ	POT-CONS-D8	x
GWMP0417	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	851107	1430	2700.0000000	112WRD	01646580	
GWMP0417	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	791011	1115	0.0000000	112WRD	01646580	x
GWMP0417	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930707	1315	0.0000000	112WRD	01646580	x
GWMP0417	00403	PH, LAB, STANDARD UNITS SU	801023	1035	0.0000000	112WRD	01646580	x
GWMP0417	00403	PH, LAB, STANDARD UNITS SU	801110	1610	0.0000000	112WRD	01646580	x
GWMP0417	01051	LEAD, TOTAL (UG/L AS PB)	810928	1200	1300.0000000	112WRD	01646580	
GWMP0417	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790907	1340	-1.2000000	112WRD	01646580	x
GWMP0418	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930114	1328	6060.0000000	21VASWCB	1APIM004.16	
GWMP0420	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	840125	1200	0.0000000	21DCBAWQ	RCR07	x
GWMP0420	00400	PH (STANDARD UNITS)	880503	1034	0.0000000	21DCBAWQ	RCR07	x
GWMP0422	00300	OXYGEN, DISSOLVED MG/L	810512	1315	93.5000000	21VASWCB	1APIM000.15	x
GWMP0422	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930303	0924	6790.0000000	21VASWCB	1APIM000.15	
GWMP0434	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	850214	1305	511.0000000	21MDOEP	POT1184	

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0434	32230	CHLOROPHYLL A (MG/L)	800408	1210	22.2000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	800506	1215	4.6500000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	800610	1240	46.9500000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	800714	1300	39.0000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	800827	1320	3.3700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	801021	1130	37.2700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	801202	1315	5.6600000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810303	1245	30.4000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810407	1200	285.0000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810506	1200	85.2000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810603	1100	13.1200000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810709	1200	36.9700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810818	1010	195.3000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	810902	1110	11.3700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	811118	1220	5.9500000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	811202	1415	3.0700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820217	1045	3.3000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820317	1100	10.0000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820415	1115	7.0000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820517	0945	45.4500000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820712	1255	31.5900000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820823	1240	33.0000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	820928	1230	6.0700000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	821025	1300	2.7400000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	821109	1230	1.6800000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830222	1250	3.6300000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830308	1305	16.4000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830405	1220	14.4000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830706	1330	8.3500000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830802	0905	6.8400000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	830913	1255	10.2600000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	831011	1345	2.6400000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	831114	1205	2.1200000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	831213	1015	8.3200000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	840410	1140	2.6000000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	840807	1145	55.9800000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	840905	1310	33.1800000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	841002	1035	29.9400000	21MDOEP	POT1184	x
GWMP0434	32230	CHLOROPHYLL A (MG/L)	841218	1045	2.7900000	21MDOEP	POT1184	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740116	1035	3.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740328	1050	25.5000000	11121TWQ	POT-CONS-D9	x

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740429	1010	55.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740618	1300	46.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740619	1000	51.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740620	1315	49.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740716	1405	48.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740717	1415	21.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740718	1135	42.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	740903		130.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750415	1300	66.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750520	1120	42.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750616	1315	54.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750716	1046	12.0000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750721	1045	16.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	750827	1248	100.5000000	11121TWQ	POT-CONS-D9	x
GWMP0437	32230	CHLOROPHYLL A (MG/L)	760622	1245	66.0000000	11121TWQ	POT-CONS-D9	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740328	1020	21.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740429	1045	49.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740618	1005	43.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740619	1030	27.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740620	1245	49.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740716	0925	54.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740717	1305	52.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740718	0950	27.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	740903	1020	109.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750415	1150	33.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750520	1300	37.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750616	1100	36.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750716	0942	13.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750721	1030	21.0000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	750827	1127	103.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	760622	1030	64.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	770606	1250	97.5000000	11121TWQ	POT-CONS-D10	x
GWMP0455	32230	CHLOROPHYLL A (MG/L)	770705	1000	120.0000000	11121TWQ	POT-CONS-D10	x
GWMP0467	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820419	1530	-16.0000000	21VASWCB	1ADIF000.86	x
GWMP0467	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820517	1300	-22.5000000	21VASWCB	1ADIF000.86	x
GWMP0467	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820714	1355	-21.3000000	21VASWCB	1ADIF000.86	x
GWMP0467	00300	OXYGEN, DISSOLVED MG/L	860714	1245	86.5000000	21VASWCB	1ADIF000.86	x
GWMP0467	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930303	0951	4200.0000000	21VASWCB	1ADIF000.86	
GWMP0472	00310	BOD, 5 DAY, 20 DEG C MG/L	721003	1055	284.0000000	21MDMONT	30120	
GWMP0472	00310	BOD, 5 DAY, 20 DEG C MG/L	730327	1110	156.4000000	21MDMONT	30120	
GWMP0472	00310	BOD, 5 DAY, 20 DEG C MG/L	740103	1150	215.4000000	21MDMONT	30120	

Water Quality Observations
Outside STORET Edit Criteria for GWMP

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740116	1110	4.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740328	1140	22.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740429	1120	45.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740618	1235	51.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740619	1100	19.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740620		60.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740716	1330	48.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740717	1225	43.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740718	1050	30.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	740903	1255	201.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750415	1220	12.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750520	1355	21.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750616	1205	12.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750716	1016	10.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750721	1000	15.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	750827	1045	120.0000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	760622	1000	37.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	770606	1200	94.5000000	11121TWQ	POT-CONS-D11	x
GWMP0477	32230	CHLOROPHYLL A (MG/L)	770705	0935	106.5000000	11121TWQ	POT-CONS-D11	x
GWMP0480	32230	CHLOROPHYLL A (MG/L)	700601	0915	84.0000000	11121OWQ	CB03	x
GWMP0485	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	710907		0.0020000	1110NET	230040	x
GWMP0488	32230	CHLOROPHYLL A (MG/L)	750415	1225	12.0000000	11121TWQ	POT-CONS-11A	x
GWMP0488	32230	CHLOROPHYLL A (MG/L)	750721	1000	3.0000000	11121TWQ	POT-CONS-11A	x
GWMP0488	32230	CHLOROPHYLL A (MG/L)	750827	1050	118.5000000	11121TWQ	POT-CONS-11A	x
GWMP0488	32230	CHLOROPHYLL A (MG/L)	770606	1215	100.5000000	11121TWQ	POT-CONS-11A	x
GWMP0488	32230	CHLOROPHYLL A (MG/L)	770705	0925	121.5000000	11121TWQ	POT-CONS-11A	x

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) GWMPTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) GWMPSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) GWMPAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) GWMPAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) GWMPOV0.DOC - Overview of park and retrieved data.

(e) GWMPOV1.DOC - Station period of record table.

(f) GWMPOV2.DOC - Parameter period of record table.

(g) GWMPOV3.DOC - Station/parameter period of record table.

(h) GWMPINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) GWMPSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) GWMPEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) GWMPIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) GWMPBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document GWMPOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\GWMPOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) GWMPFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station GWMP0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station GWMP0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) GWMPPARM.ZIP

This file compresses GWMPPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) GWMPSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) GWMPWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) GWMPIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) GWMPDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) GWMPGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) GWMPDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) GWMPMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) GWMPEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) GWMPTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) GWMPREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) GWMPWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GWMPWQA, GWMPWQB, GWMPWQC, etc.) and the index map name will end with an ampersand (&).

(g) GWMPIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GWMPIDGA, GWMPIDGB, GWMPIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) GWMPSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with GWMPFIGS.ZIP and GWMPTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in GWMPMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) GWMPRF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) GWMPWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: GWMPPARM.DBF in GWMPPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: GWMPPARM.DBF in GWMPPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: GWMPPARM.DBF in GWMPPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: GWMPWQ.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: GWMPWQ.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: GWMPIFD.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: GWMPIFD.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: GWMPIFD.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: GWMPDRIN.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: GWMPDRIN.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: GWMPDRIN.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: GWMPGAGE.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: GWMPGAGE.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: GWMPDAMS.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: GWMPDAMS.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: GWMPDAMS.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: GWMPDAMS.DBF in GWMPSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GWMPRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GWMPRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GWMPRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GWMPRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in GWMPRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in GWMPRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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