Baseline Water Quality Data

Inventory and Analysis

Glen Canyon
National Recreation Area



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

GLEN CANYON NATIONAL RECREATION AREA

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrievals for the GLCA study area from the IFD, DRINKS, and GAGES databases located one industrial discharger, four drinking water intakes, and six active or inactive U. S. Geological Survey gaging stations. The results of the STORET retrieval for the study area yielded 93,502 observations for 795 separate parameters collected by three federal and state government agencies at 186 water quality stations. Of the 186 monitoring stations, six were used for monitoring bottom deposits or fish tissue, and ten were established but contained no data. One-hundred-thirty-four stations yielded data collected within the park boundary. Most of the sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Fourteen stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Ten stations yielding longer-term records within the park are: (1) Colorado River at Lee's Ferry, Arizona (GLCA 0004); (2) Paria River at Lee's Ferry, Arizona (GLCA 0009); (3) Colorado River at Page (GLCA 0012); (4) Colorado River Below Glen Canyon Dam (GLCA 0014); (5) Lake Powell No. 2 - 1 Mile South of Wahweap Marina (GLCA 0017); (6) Lake Powell at Mouth of Escalante River Canyon (GLCA 0110); (7) Lake Canyon at Mouth (High Water Line) (GLCA 0114); (8) Lake Powell Near Hite South of Marina (GLCA 0141); (9) Colorado River Arm Lake Powell Near Hite (GLCA 0146); and (10) Dirty Devil Arm of Lake Powell-Hite (GLCA 0152). Four stations yielding longer-term records within the study area, but outside of the park boundary are: (1) Dark Canyon at Confluence of Lost Canyon (GLCA 0142); (2) Dirty Devil River Above Confluence with Poison Spring (GLCA 0164); (3) Dirty Devil River Above Poison Spring Wash Near Hanksville 2.00 (GLCA 0165); and (4) Green River at Mineral Bottoms (GLCA 0186).

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the GLCA water quality criteria screen found 20 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, arsenic, cadmium, copper, lead, silver, zinc, selenium, and mercury exceeded their respective EPA acute or chronic criteria for the protection of freshwater aquatic life. Nitrite, nitrite plus nitrate, sulfate, arsenic, cadmium, chromium, lead, nickel, mercury, and natural uranium exceeded their respective EPA drinking water criteria. Indicator bacteria (total and fecal coliform) concentrations and turbidity exceeded the WRD screening limits for primary-body contact recreation and aquatic life, respectively.

Dissolved oxygen concentrations were measured 1936 times at 100 monitoring stations throughout the study area from 1961 through 1993. Sixty-seven observations at 28 monitoring stations were below the 4 milligrams per liter

(mg/L) EPA criterion for the protection of freshwater aquatic life. The criterion was exceeded throughout the study area (GLCA 0004, GLCA 0010, GLCA 0017, GLCA 0022, GLCA 0027, GLCA 0038, GLCA 0045, GLCA 0062, GLCA 0064, GLCA 0067, GLCA 0069, GLCA 0070, GLCA 0072, GLCA 0073, GLCA 0076, GLCA 0077, GLCA 0079, GLCA 0080, GLCA 0081, GLCA 0084, GLCA 0103, GLCA 0110, GLCA 0113, GLCA 0119, GLCA 0121, GLCA 0123, GLCA 0141, GLCA 0152).

The pH was measured 2406 times at 145 monitoring stations throughout the study area from 1947 through 1993. Eighty-two observations at 30 monitoring stations were outside the pH range of 6.5 to 9.0 standard units (EPA chronic criteria for freshwater aquatic life). Fifty-one observations were greater than or equal to pH 9.0 at 22 monitoring stations (GLCA 0012, GLCA 0040, GLCA 0041, GLCA 0042, GLCA 0044, GLCA 0050, GLCA 0055, GLCA 0062, GLCA 0066, GLCA 0072, GLCA 0076, GLCA 0079, GLCA 0080, GLCA 0081, GLCA 0084, GLCA 0085, GLCA 0087, GLCA 0092, GLCA 0101, GLCA 0107, GLCA 0112, GLCA 0117). Thirty-one observations were less than or equal to pH 6.5 at eight monitoring stations (GLCA 0004, GLCA 0064, GLCA 0136, GLCA 0165, GLCA 0167, GLCA 0170, GLCA 0177, GLCA 0186). About 80 percent of these lower observations were reported in the Colorado River at Lee's Ferry, Arizona (GLCA 0004) and Copper Canyon (GLCA 0064).

Turbidity was measured 1045 times (1041 observations were used in the criteria analysis; see Introduction for explanation) at 66 monitoring stations from 1959 through 1993. The WRD screening criterion of 50 JTU/FTU was exceeded 329 times at 13 stations (GLCA 0004, GLCA 0009, GLCA 0012, GLCA 0114, GLCA 0118, GLCA 0130, GLCA 0139, GLCA 0142, GLCA 0146, GLCA 0150, GLCA 0163, GLCA 0164, GLCA 0186). About 90 percent of the values that exceeded the criterion occurred in the Colorado River at Page (GLCA 0012), Dirty Devil River Above Confluence with Poison Spring (GLCA 0164), and Green River at Mineral Bottoms (GLCA 0186).

Total coliform concentrations were determined 87 times at 18 monitoring stations from 1974 through 1981. Thirty-one observations at 13 stations exceeded the 1000 CFU/MPN per 100 ml criterion. The criterion was exceeded in the Colorado River (GLCA 0004, GLCA 0146), Paria River at Lee's Ferry, Arizona (GLCA 0009), canyons (GLCA 0114, GLCA 0118, GLCA 0130, GLCA 0139, GLCA 0142, GLCA 0158), Bullfrog Creek (GLCA 0125), Dirty Devil River (GLCA 0151, GLCA 0164), and Green River at Mineral Bottoms (GLCA 0186). Fecal coliform concentrations were determined 238 times at 17 stations from 1974 through 1981. Thirty observations at ten stations exceeded the 200 MPN/CFU per 100 ml criterion. The criterion was exceeded in the Colorado River (GLCA 0014, GLCA 0146), Paria River at Lee's Ferry, Arizona (GLCA 0009), canyons (GLCA 0114, GLCA 0118, GLCA 0130, GLCA 0139), Dirty Devil River (GLCA 0152, GLCA 0164), and Green River at Mineral Bottoms (GLCA 0186).

Nitrite concentrations (including dissolved and total as N) were measured 535 times at 26 monitoring stations from 1973 through 1993. Three observations (2 dissolved and 1 total concentration) exceeded the drinking water criterion of 1 mg/L in the Colorado River Arm Lake Powell Near Hite (GLCA 0146) and Dirty Devil River Above Confluence with Poison Spring (GLCA 0164).

Nitrite plus nitrate concentrations (including dissolved and total as N) were measured 1598 times at 118 monitoring stations from 1964 through 1993. One total concentration in the Green River at Mineral Bottoms (GLCA 0186) exceeded the drinking water criterion of 10 mg/L.

Sulfate concentrations (including dissolved and total as SO_4) were measured 958 times at 87 monitoring stations from 1926 through 1993. The proposed drinking water criterion of 400 mg/L was exceeded 283 times at 34 monitoring stations throughout the study area. About 92 percent of the values that exceeded the criterion occurred in the Colorado River at Lee's Ferry and Page (GLCA 0004, GLCA 0012), Paria River at Lee's Ferry, Arizona (GLCA 0009), and Dirty Devil River (GLCA 0164, GLCA 0165).

Chloride concentrations (including dissolved and total) were measured 1342 times at 89 monitoring stations from 1926 through 1993. One total concentration in the Dirty Devil River Above Confluence with Poison Spring (GLCA 0164) exceeded the acute freshwater criterion of 860 mg/L.

Arsenic concentrations (including dissolved, suspended, and total) were measured 682 times at 51 monitoring stations from 1962 through 1993. Two observations in the Paria River at Lee's Ferry, Arizona (GLCA 0009) exceeded the acute freshwater criterion of 360 µg/L. Six observations in the Paria River at Lee's Ferry, Arizona (GLCA 0009) and an unnamed stream (GLCA 0020) exceeded the drinking water criterion of 50 µg/L.

Cadmium concentrations (including dissolved, suspended, and total) were measured 618 times at 43 monitoring stations from 1962 through 1993. Of the cadmium observations used in the criteria analysis (see Introduction for explanation), concentrations exceeded the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5.0 µg/L 46 and 33 times, respectively, at eight monitoring stations. The criteria were exceeded in the Colorado River (GLCA 0004, GLCA 0014, GLCA 0146), Paria River at Lee's Ferry, Arizona (GLCA 0009), Dirty Devil River (GLCA 0152, GLCA 0164), Green River at Mineral Bottoms (GLCA 0186), and Red Canyon at Mouth (High Water Line) (GLCA 0130).

Chromium concentrations (including dissolved, suspended, hexavalent, and total) were measured 791 times at 44 monitoring stations from 1962 through 1993. Suspended and total chromium concentrations exceeded the drinking water criterion of 100 µg/L five times in the Colorado and Paria Rivers at Lee's Ferry, Arizona (GLCA 0008, GLCA 0009).

Copper concentrations (including dissolved, suspended, and total) were measured 660 times at 46 monitoring stations from 1962 through 1993. Of the copper observations used in the criteria analysis (see Introduction for explanation), concentrations exceeded the acute freshwater criterion of 18 µg/L 106 times at 11 monitoring stations (GLCA 0004, GLCA 0009, GLCA 0014, GLCA 0125, GLCA 0130, GLCA 0141, GLCA 0150, GLCA 0152, GLCA 0164, GLCA 0185, GLCA 0186). About 73 percent of the values that exceeded the criterion occurred in the Colorado River at Lee's Ferry, Arizona (GLCA 0004) and Dirty Devil River Above Confluence with Poison Spring (GLCA 0164).

Lead concentrations (including dissolved, suspended, and total) were measured 656 times at 49 monitoring stations from 1962 through 1993. Of the lead observations used in the criteria analysis (see Introduction for explanation), the proposed drinking water criterion of 5 µg/L and the acute freshwater criterion of 82 µg/L were exceeded 173 and five times, respectively, at 19 monitoring stations throughout the study area. About 90 percent of the exceeded criteria occurred in the Colorado River (GLCA 0004, GLCA 0146), Paria River at Lee's Ferry, Arizona (GLCA 0009), Dirty Devil River Above Confluence with Poison Spring (GLCA 0164), and Green River at Mineral Bottoms (GLCA 0186).

Nickel concentrations (including dissolved, suspended, and total) were measured 378 times at 28 monitoring stations from 1962 through 1993. One dissolved concentration at the Mouth of Red Canyon (High Water Line) (GLCA 0130) exceeded the proposed drinking water criterion of 100 µg/L.

Silver concentrations (including dissolved, suspended, and total) were measured 524 times at 39 monitoring stations from 1962 through 1993. Of the silver observations used in the criteria analysis (see Introduction for explanation), dissolved and total concentrations exceeded the acute freshwater criterion of 4.1 µg/L 18 times in the Colorado River (GLCA 0014, GLCA 0145, GLCA 0146), Dirty Devil River (GLCA 0151, GLCA 0152, GLCA 0164), Green River at Mineral Bottoms (GLCA 0186), and Dark Canyon at Confluence of Lost Canyon (GLCA 0142).

Zinc concentrations (including dissolved, suspended, and total) were measured 665 times at 48 monitoring stations from 1962 through 1993. The acute freshwater criterion of 120 µg/L was exceeded 25 times in the Colorado and Paria Rivers at Lee's Ferry (GLCA 0004, GLCA 0009), Lake Powell at Mouth of Escalante River Canyon (GLCA 0110), unnamed spring (GLCA 0132), and Dirty Devil River (GLCA 0152, GLCA 0164).

Selenium concentrations (including dissolved, suspended, total, and acid soluble) were measured 677 times at 47 stations from 1959 through 1993. Dissolved and total concentrations exceeded the acute freshwater criterion of 20 µg/L three times in an unnamed stream (GLCA 0020), Lake Powell at the Mouth of Escalante River Canyon (GLCA 0110), and Dirty Devil River Above Confluence with Poison Spring (GLCA 0164).

Mercury concentrations (including dissolved, suspended, and total) were measured 573 times at 42 monitoring stations from 1973 through 1993. Of the mercury observations used in the criteria analysis (see Introduction for explanation), total mercury concentrations exceeded the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L four and two times, respectively, in Dirty Devil River Above Confluence with Poison Spring (GLCA 0164) and Green River at Mineral Bottoms (GLCA 0186).

Uranium concentrations (including natural dissolved and total) were measured 95 times at five monitoring stations from 1959 through 1985. Dissolved and total concentrations exceeded the drinking water criterion of 20 µg/L four times in the Colorado River below Glen Canyon Dam (GLCA 0014), San Juan River at Mouth-East Bank (GLCA 0051), and Dirty Devil River Above Confluence with Poison Spring (GLCA 0164).

The IDEA conducted for GLCA indicates that STORET data exists for all Level I parameter groups in the park. Sufficient quantities of timely data were retrieved for most of the required chemical parameters. Much of the data were collected before 1985. Limited data were available for the bacteria parameter group. Results for 122 of the 127 EPA priority toxic pollutants (including inorganic parameters, general organics, pesticides, and PCB's) were retrieved from STORET. The organic, pesticide, and PCB data were primarily from the Colorado River at Lee's Ferry (GLCA 0008) and Lake Powell (GLCA 0016).

Surface water resources in the GLCA study area include Lake Powell, its five major tributaries (Colorado, San Juan, Escalante, Dirty Devil, and Paria Rivers), ephemeral streams, and springs. Based on the data inventories and analyses contained in this report, surface waters within the study area generally appear to be of good quality, with indications of some impacts from human activities. Potential sources of contaminants include washwater discharges from boats; boat motors; shoreline recreation; grazing; uranium mining and milling operations; oil and gas fields; irrigated agriculture; and natural metal ions moving with sediments from upstream watersheds.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

Julie Mattick and Scott Grover helped prepare the report, write the Executive Summary, and produce the seasonal hydrograph.

Joe Gregson provided digital cartographic support, both in determining retrieval/query areas and producing graphics.

Jacquie Nolan designed the cover and provided publications support.

Horizon Systems:

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

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

Kendrick Gordon served as the Production Technician and was responsible for executing the software and procedures to produce the park unit chapters.

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

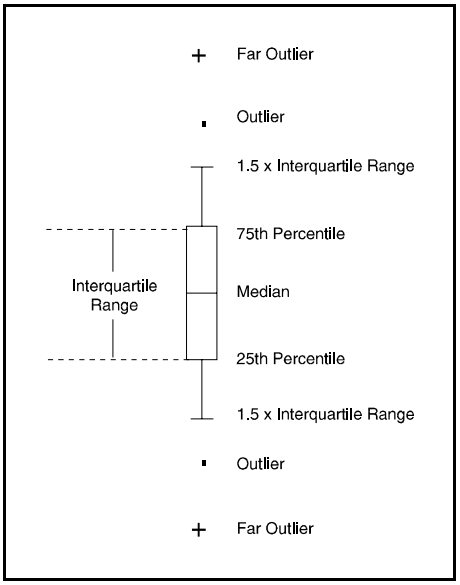
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR GLCA[1]

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	2741261	1325235
# STORET Stations:	186	134
# Stations With No Data:	10	6
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	14	10
Date of STORET Retrieval:	12/27/93	12/27/93
Period of Record:	01/11/26-09/07/93	01/11/26-09/07/93
# Parameters Measured:	795	788
# Water Quality Observations:	93502	77303
# Industrial/Municipal Facilities:	1	1
# Drinking Water Intakes:	4	3
# Water Gages:	6	4
# Water Impoundments:	1	1
# Total Plots:	99	98
# Time Series:	36	35
# Annual:	11	11
# Seasonal:	52	52

Hydrologic Definition of Seasons:

1. August 1 - October 31
2. November 1 - January 31
3. February 1 - May 31
4. June 1 - July 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 18 years and at least 104 observations.

Annual Analysis Criteria:

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

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

Seasonal Analysis Criteria:

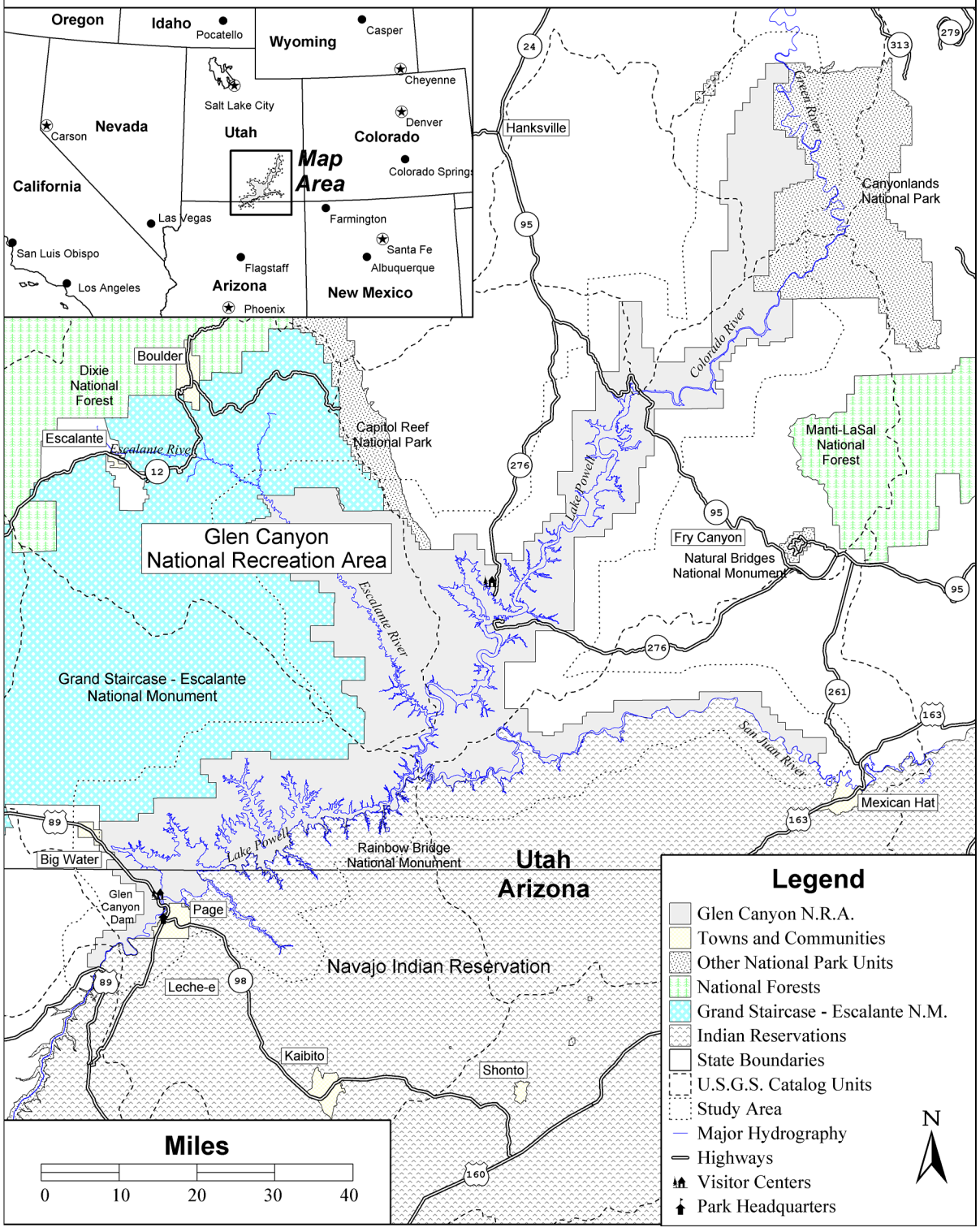
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

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

[1]To prepare a Microsoft Word version of this report, data were reprocessed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Glen Canyon National Recreation Area

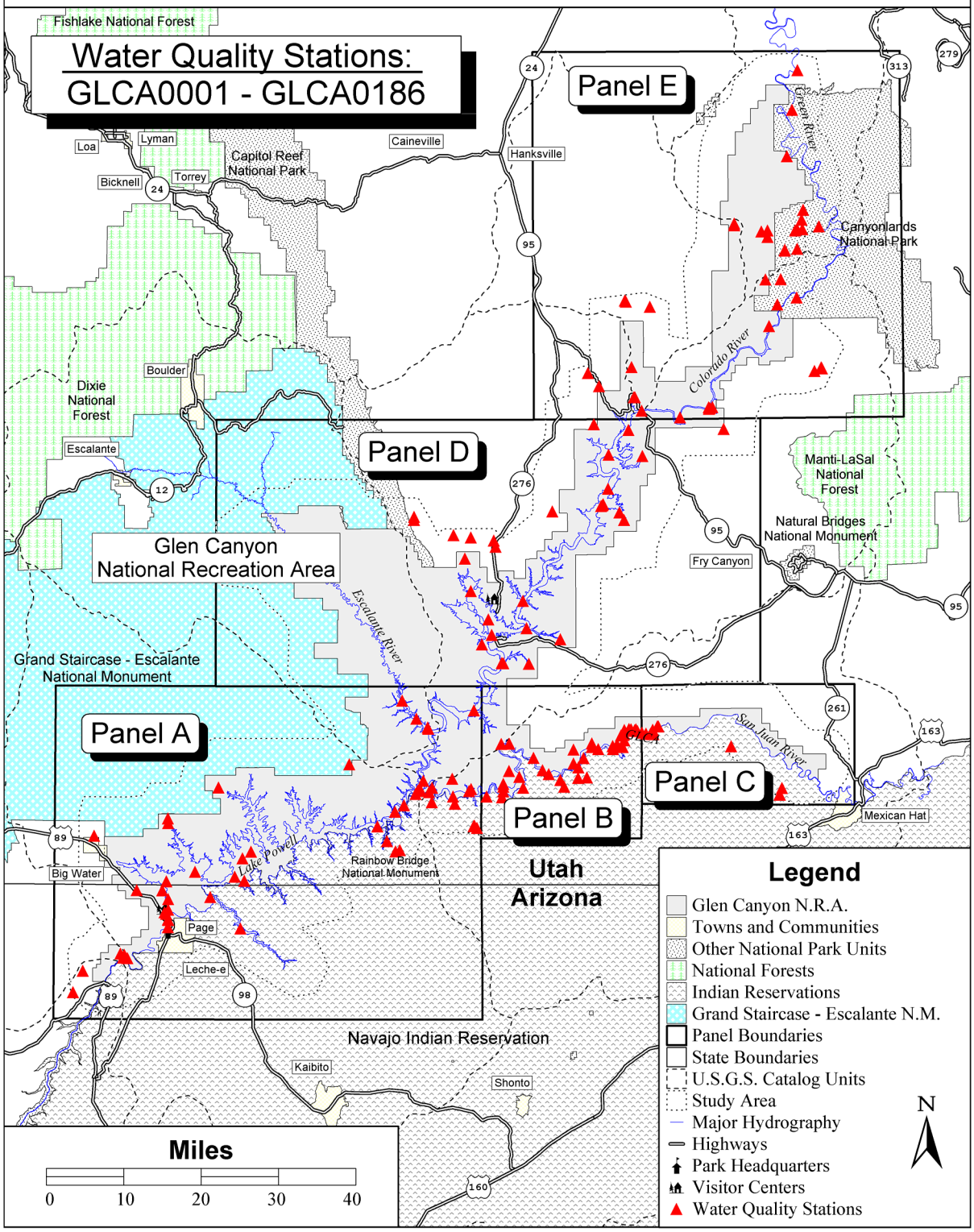
Regional Location Map



Glen Canyon National Recreation Area

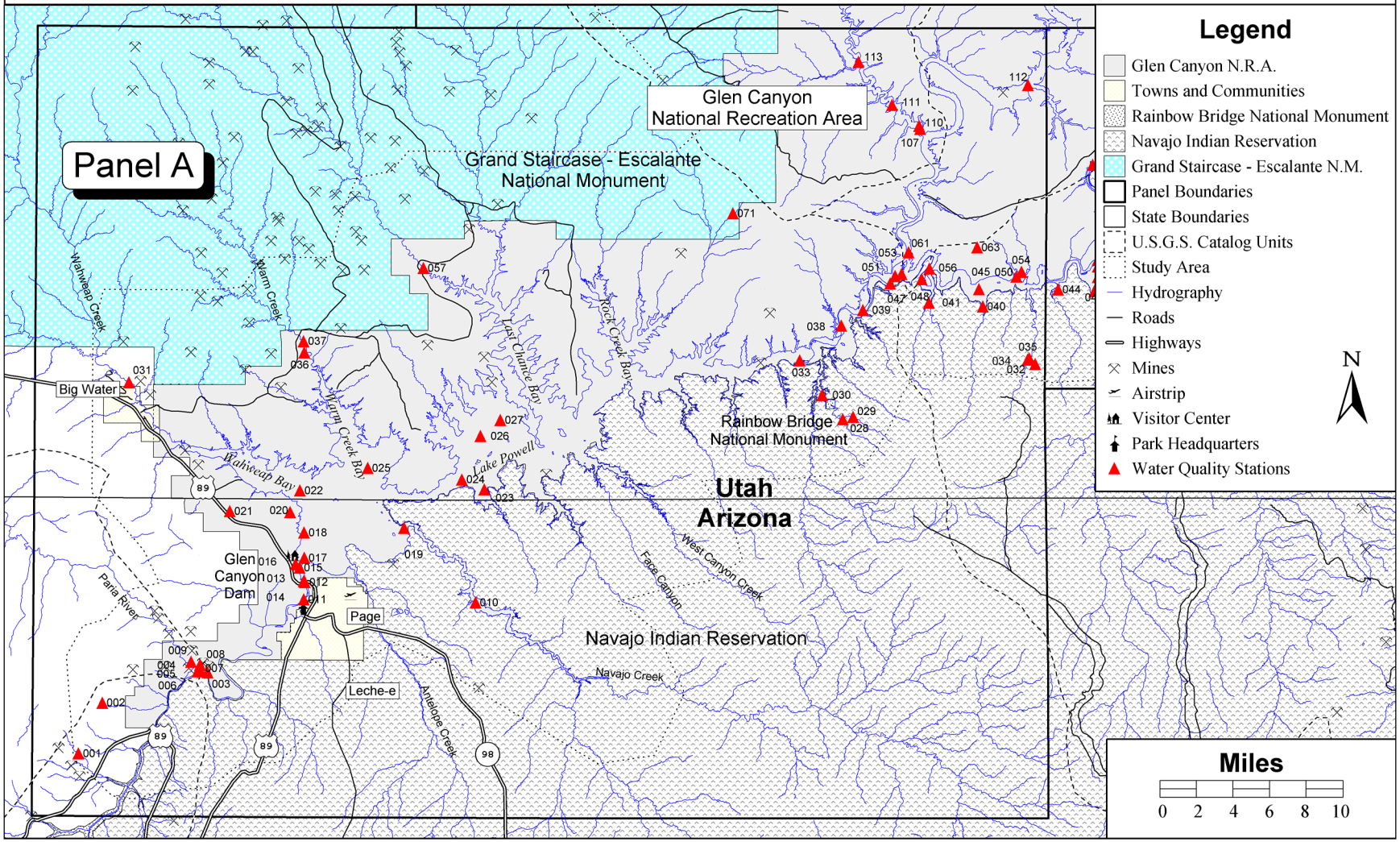
Water Quality Monitoring Locations

Graphic Panel Index



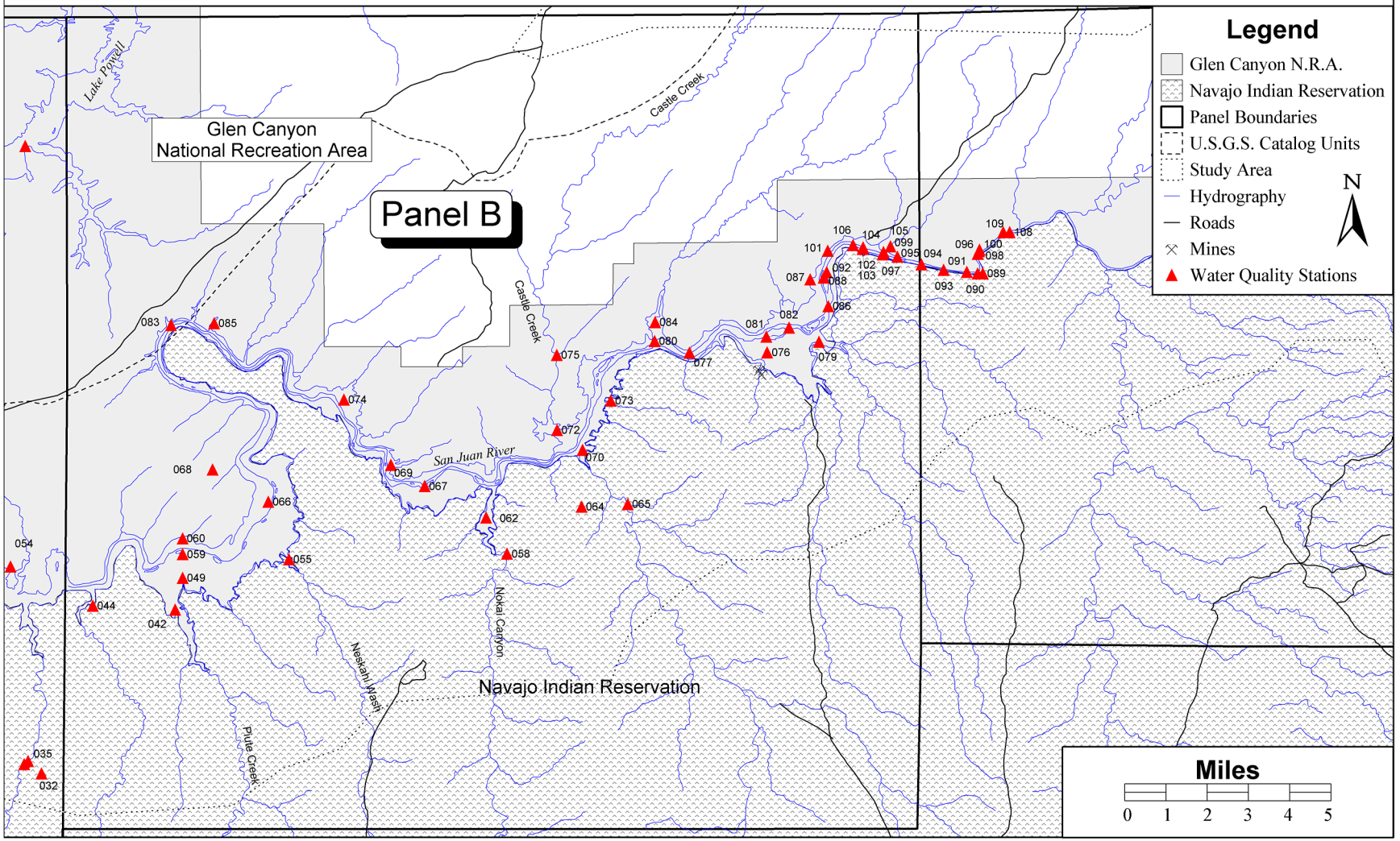
Glen Canyon National Recreation Area

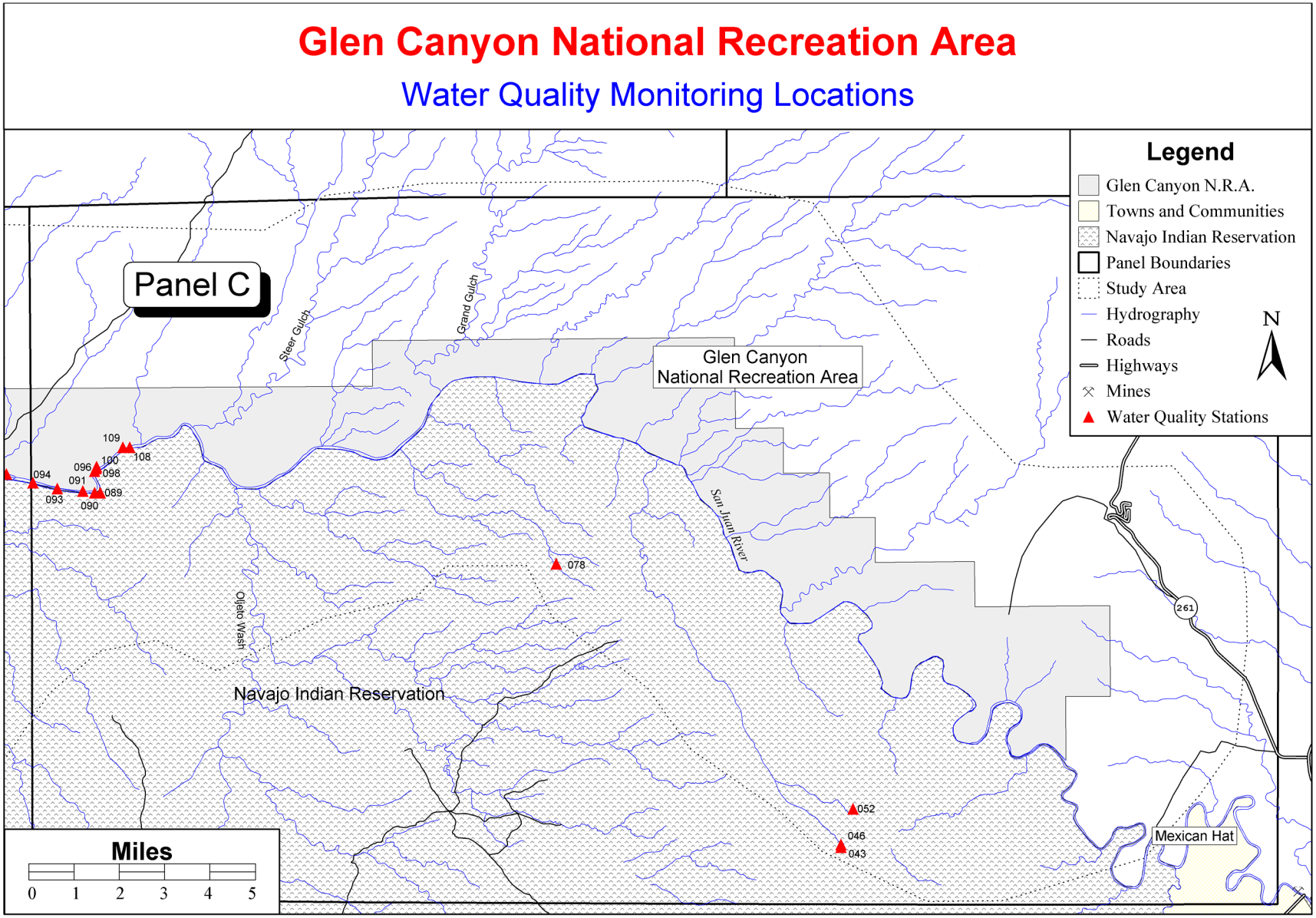
Water Quality Monitoring Locations



Glen Canyon National Recreation Area

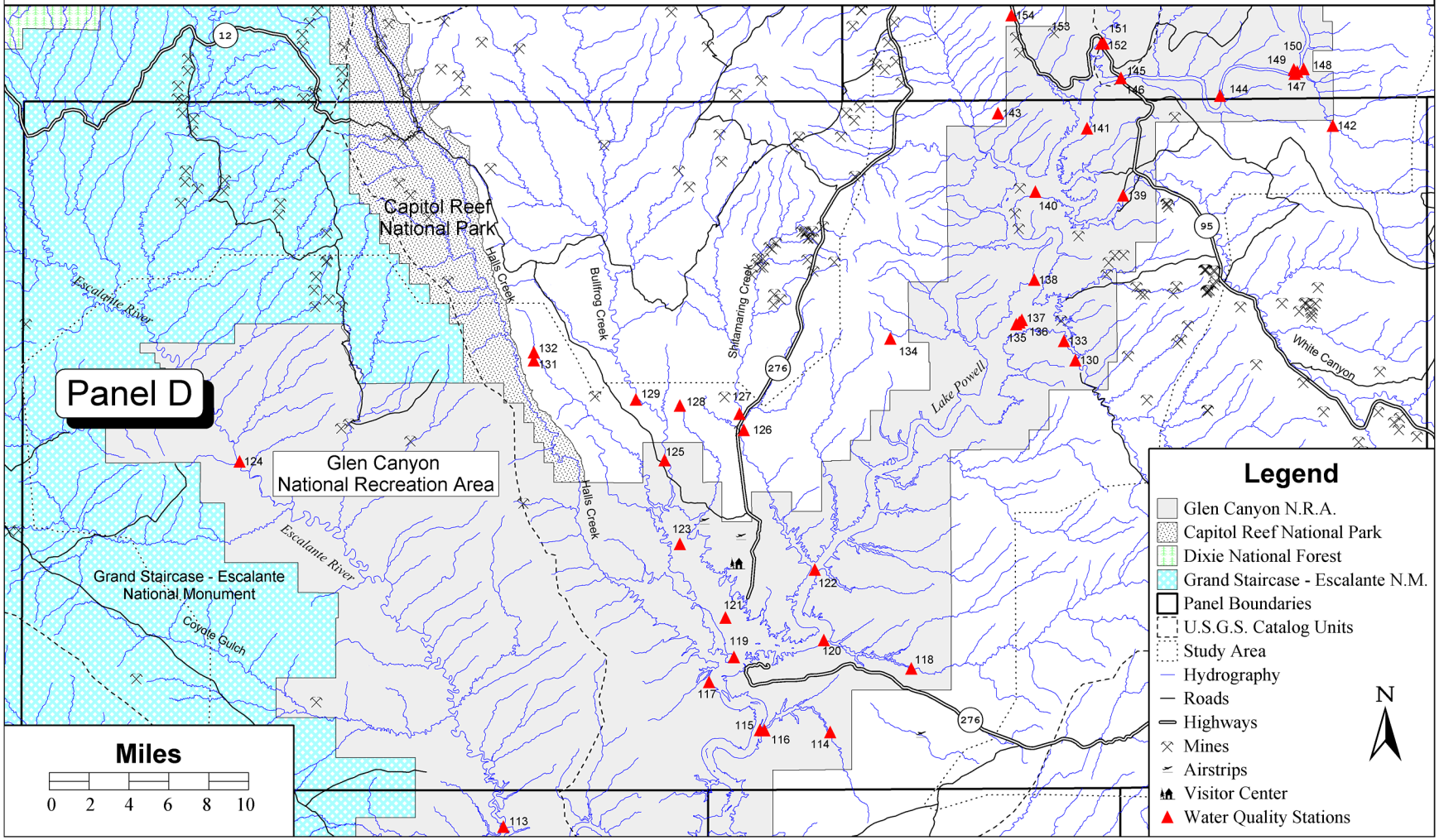
Water Quality Monitoring Locations




Glen Canyon National Recreation Area
Water Quality Monitoring Locations
Panel C
Steer Gulch
Grand Gulch
Glen Canyon
National Recreation Area
San Juan River
Oljeto Wash
Navajo Indian Reservation
Mexican Hat
261
109
108
100
096
098
094
091
089
093
090
078
052
046
043
Legend
Glen Canyon N.R.A.
Towns and Communities
Navajo Indian Reservation
Panel Boundaries
Study Area
Hydrography
Roads
Highways
Mines
Water Quality Stations
N
Miles
0 1 2 3 4 5

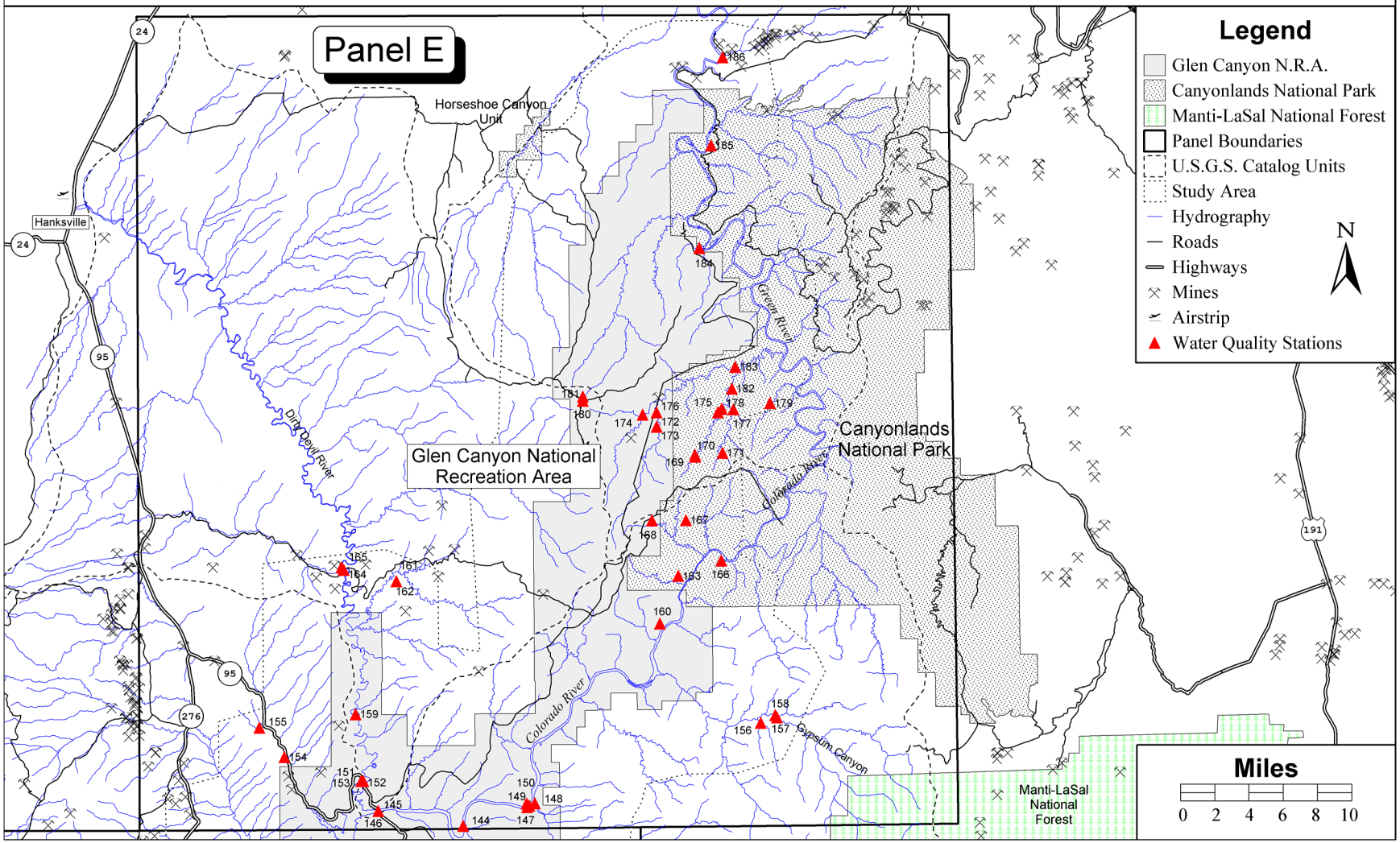
Glen Canyon National Recreation Area

Water Quality Monitoring Locations



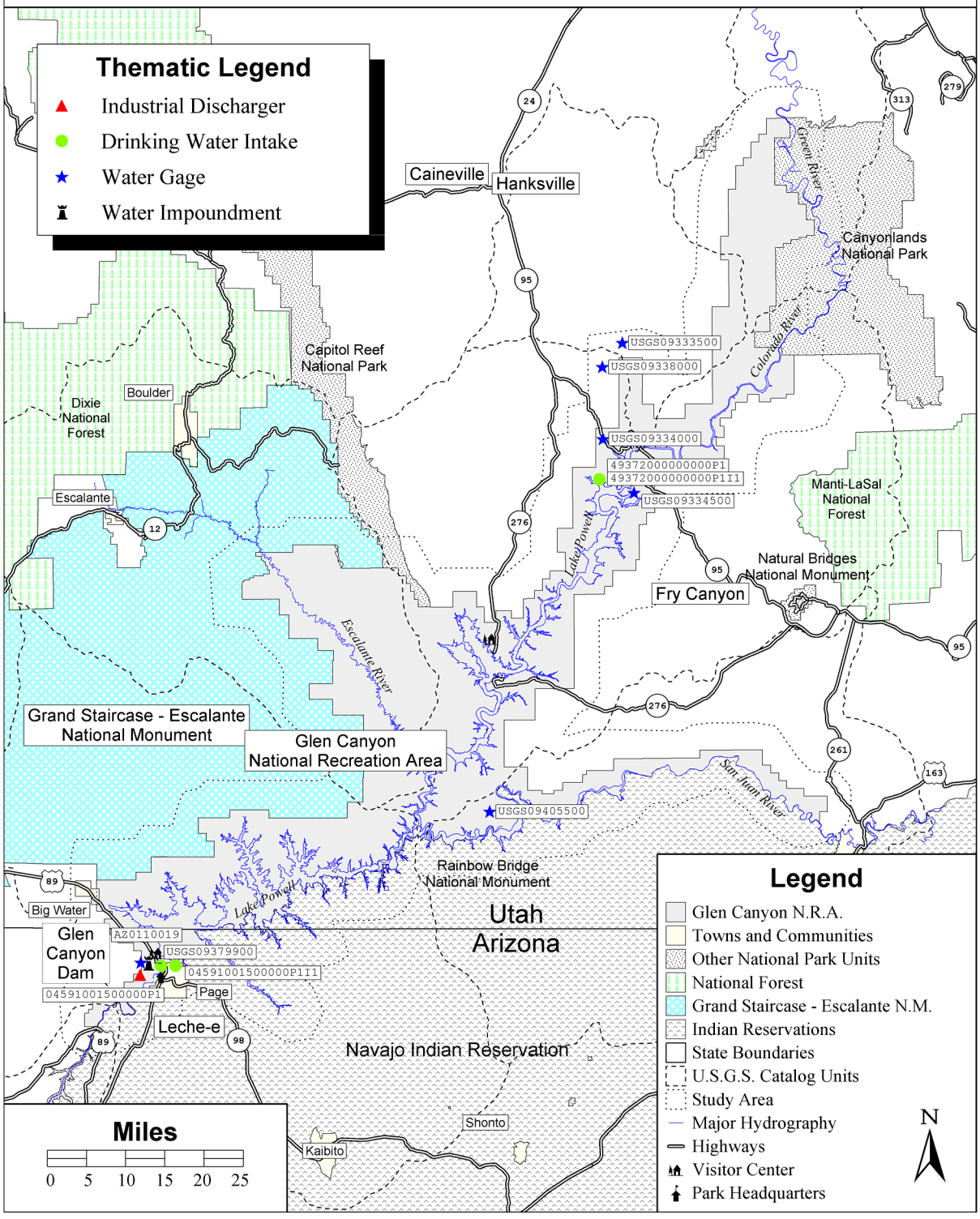
Glen Canyon National Recreation Area

Water Quality Monitoring Locations



Glen Canyon National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, and Stream Gages Within the GLCA Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
AZ0110019	U.S. BUR. RECLAM.-GLEN CANYON	GLEN CANYON DAM	PAGE	COLORADO RIVER

Drinking Water Intakes

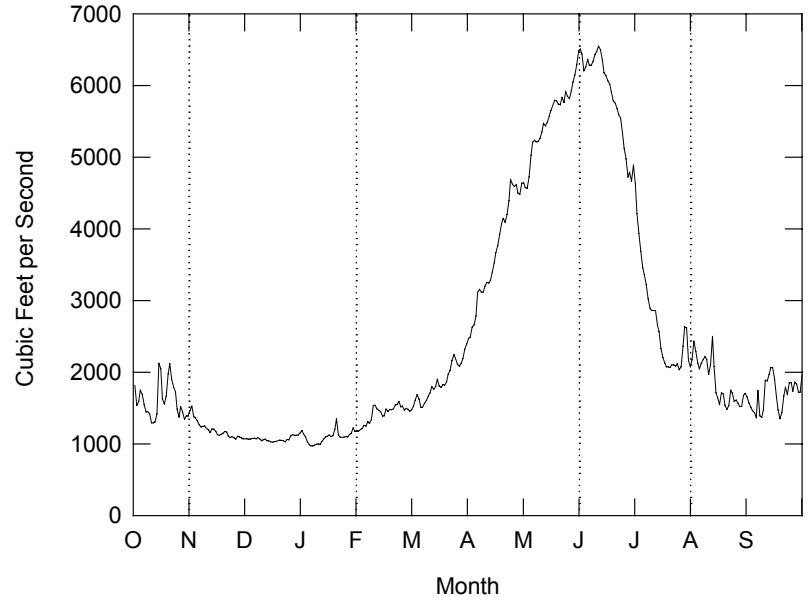
Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
04591001500000P1	TREATMENT PLANT	PAGE	6500	-
04591001500000P1I1	LAKE POWELL	PAGE	6500	-
49372000000000P1	TREATMENT PLANT	HITE	25	-
49372000000000P1I1	LAKE POWELL	HITE	25	-

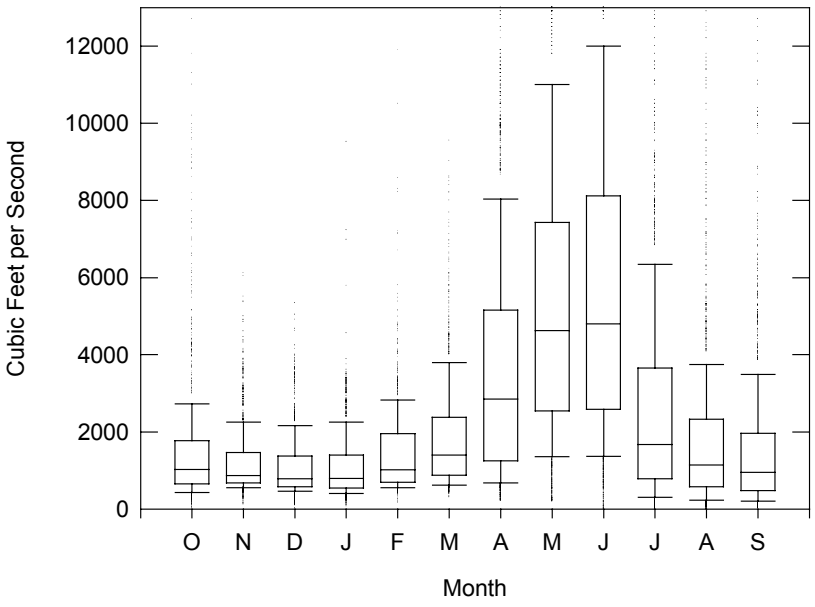
USGS Stream Gages

Site ID	Station Name	Catalog Unit	Drainage Area (Square Miles)	USGS Mean Annual Flow (Cubic Feet/Second)
USGS09333500	DIRTY DEVIL R AB PO	14070004	4170.00	94.37
USGS09334000	NORTH WASH NEAR HAN	14070001	3600.00	1.23
USGS09334500	WHITE CANYON NEAR H	14070001	7600.00	5.09
USGS09338000	EAST FORK BOULDER C		2140.00	23.89
USGS09379900	LAKE POWELL AT GLEN	14070006	7700.00	-
USGS09405500	NORTH FORK VIRGIN R	14080205	350.00	103.19

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

GLEN CANYON NATIONAL RECREATION AREA
San Juan River near Bluff, UT
09379500, 64 year record





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

CONTACTS FOR AGENCY CODES RETRIEVED FOR GLCA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	YORK, TOM	US GEOLOGICAL SURVEY	(703)648-5687	
1118C030	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1118C030 HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
11TOX09	WILSON, ERIC	USEPA REGION 9	(415)744-1964	
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
21UTAH	DENTON, RICHARD	UTAH HEALTH DEPT	(801)538-6146	
21UTWR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21ARIZ	HOOD, WAYNE	ARIZONA DEPT ENV QUALITY	(602)207-4416	
12TAWI	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 12TAWI HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				

QUANTITY OF DATA RETRIEVED FOR GLCA BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
112WRD	US GEOLOGICAL SURVEY	01/11/26-09/07/93	01/11/26-09/07/93	59	30	3	2	1	0	44375	42591	268	266
1118C030	USEPA HQ	05/06/63-06/27/72	05/06/63-06/27/72	1	1	0	0	0	0	363	363	23	23
11TOX09	USEPA REGION 9	08/29/80-07/01/85	08/29/80-07/01/85	3	3	0	0	0	0	931	931	427	427
11EPALES	USEPA	04/15/75-12/04/75	04/15/75-12/04/75	19	19	0	0	0	0	5610	5610	16	16
1110NET	USEPA HQ	10/01/59-02/17/71	10/01/59-02/17/71	1	1	1	1	0	0	9897	9897	122	122
21UTAH	UTAH HEALTH DEPT	10/27/76-10/13/92	03/16/77-04/30/92	43	24	10	7	8	5	23728	10000	132	121
21UTWR	USEPA HQ	11/02/71-04/27/72	11/02/71-12/07/71	3	2	0	0	0	0	460	253	23	23
21ARIZ	ARIZONA DEPT ENV QUALITY	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
12TAWI	USEPA HQ	06/06/76-04/08/77	06/06/76-04/08/77	56	53	0	0	0	0	8138	7658	32	32
Totals		01/11/26-09/07/93	01/11/26-09/07/93	186	134	14	10	10	6	93502	77303	795	788

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

Station Period of Record Tabulation
From 01/11/26 To 09/07/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75
GLCA0001	A-39-06 12BAD	No	28	0	28	0
GLCA0002	A-40-07 30ACA	No	0	0	0	0
GLCA0003	A-40-08 18DBC	Yes	30	0	30	0
GLCA0004[1]	COLORADO R AT LEES FERRY, AZ.	Yes	31423	4760	4775	21888
GLCA0005	COLORADO RIVER AT PAGE	Yes	363	0	0	363
GLCA0006	COLORADO RIVER AT LEES FERRY	Yes	0	0	0	0
GLCA0007	LEES FERRY @ RAFT RAMP	Yes	133	0	133	0
GLCA0008	COLORADO RIVER AT LEE'S FERRY	Yes	359	0	359	0
GLCA0009[1]	PARIA RIVER AT LEES FERRY, ARIZ.	Yes	3648	21	1279	2348
GLCA0010	LAKE POWELL	Yes	347	0	347	0
GLCA0011	COLORADO RIVER BELOW GLEN CANYON DAM, ARIZ.	Yes	474	474	0	0
GLCA0012[1]	COLORADO RIVER AT PAGE	Yes	9897	0	0	9897
GLCA0013	COLORADO RIVER BLW GLEN CYN DAM	Yes	0	0	0	0
GLCA0014[1]	COLORADO RIVER BL GLEN CANYON DAM	Yes	1779	574	1205	0
GLCA0015	LAKE POWELL	Yes	293	0	293	0
GLCA0016	LAKE POWELL	Yes	439	439	0	0
GLCA0017[1]	L POWELL NO 2 1 MI S OF WAH WEAP MARINA	Yes	314	0	314	0
GLCA0018	LAKE POWELL AT WAHWEAP	Yes	92	0	0	92
GLCA0019	LAKE POWELL	Yes	372	0	372	0
GLCA0020	A-42-08 35DCD	Yes	100	0	100	0
GLCA0021	A-42-08 32CDD	Yes	131	0	68	63
GLCA0022	LAKE POWELL	Yes	290	0	290	0
GLCA0023	LAKE POWELL	Yes	107	0	107	0
GLCA0024	LAKE POWELL	Yes	314	0	314	0
GLCA0025	LAKE POWELL	Yes	293	0	293	0
GLCA0026	(D-43- 5)24DDA-S1	Yes	22	0	0	22
GLCA0027	L POWELL-PADRE BAY AT XING OF THE FATHERS	Yes	404	0	404	0
GLCA0028	(D-43- 9) 7BCA-S1	No	24	0	0	24
GLCA0029	(D-43- 9) 7AAC-S1	No	24	0	0	24
GLCA0030	R(D-43- 8)12BCC-S1	No	21	0	0	21
GLCA0031	WAHWEEP CREEK NEAR ALKALI SEEP	No	30	0	0	30
GLCA0032	(D-42-10)26ACA-S1	No	13	0	0	13
GLCA0033	LAKE POWELL	Yes	427	0	427	0
GLCA0034	(D-42-10)26BBA-S1	No	24	0	0	24
GLCA0035	(D-42-10)26BAB-S1	No	11	0	0	11
GLCA0036	(D-42- 4)33BBD-S1 UNNAMED SP IN WARM CR	Yes	28	0	0	28
GLCA0037	(D-42- 4)28CBD-S1 SEEP IN WARM CREEK	Yes	28	0	0	28
GLCA0038	L POWELL-N OF OAK CANYON NR RAINBOW BRIDGE	Yes	358	0	358	0
GLCA0039	LAKE POWELL DOWNSTREAM	Yes	310	0	310	0
GLCA0040	CHA CANYON.	Yes	241	0	241	0
GLCA0041	NASJA CANYON.	Yes	252	0	252	0
GLCA0042	PIUTE CANYON.	Yes	105	0	105	0
GLCA0043	(D-42-17) 4BCB- S2	No	6	0	0	6
GLCA0044	DEEP CANYON	No	115	0	115	0
GLCA0045	L POWELL-AT CHA CANYON	Yes	364	0	364	0
GLCA0046	(D-42-17) 4BBC-S1	No	4	0	0	4
GLCA0047	LAKE POWELL	Yes	336	0	336	0
GLCA0048	SAN JUAN RIVER/ARM	Yes	231	0	231	0
GLCA0049	AREA.	Yes	120	0	120	0
GLCA0050	WILSON CANYON.	Yes	396	0	396	0
GLCA0051	SAN JUAN RIVER AT MOUTH-EAST BANK	Yes	37	0	0	37
GLCA0052	(D-41-17)33BDC-S1	No	27	0	0	27
GLCA0053	LAKE POWELL-SAN JUAN ARM ENTRANC	Yes	368	0	368	0
GLCA0054	SAN JUAN RIVER/ARM	Yes	15	0	15	0
GLCA0055	NESKAHI WASH.	Yes	111	0	111	0
GLCA0056	GOOSENECK BEND.	Yes	374	0	374	0
GLCA0057	(D-42- 5) 4DA -S SEEP NR MOU LST CHNCE CR	Yes	30	0	0	30
GLCA0058	(D-41-12)35BBB-S1	No	25	0	0	25
GLCA0059	NESKAHI WASH AREA.	Yes	296	0	296	0
GLCA0060	NESKAHI WASH AREA.	Yes	152	0	152	0
GLCA0061	LAKE POWELL UPSTREAM	Yes	289	0	289	0
GLCA0062	NOKAI ARM	Yes	131	0	131	0
GLCA0063	CHA CANYON AREA.	Yes	434	0	434	0
GLCA0064	COPPER CANYON	No	166	0	166	0
GLCA0065	NR013.0021X0324	No	23	0	0	23
GLCA0066	LAKE POWELL	Yes	286	0	286	0
GLCA0067	ZAHN BAY.	Yes	219	0	219	0
GLCA0068	NESKAHI WASH AREA.	Yes	247	0	247	0
GLCA0069	GREAT BEND.	Yes	93	0	93	0
GLCA0070	COPPER CANYON-CASTLE CREEK AREA	Yes	283	0	283	0
GLCA0071	(D-41- 8)20DBA-S1	No	24	0	24	0

Station Period of Record Tabulation
From 01/11/26 To 09/07/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75
GLCA0072	CASTLE CREEK CANYON.	Yes	189	0	189	0
GLCA0073	SAN JAUN ARM-MONITOR BUTTE AREA	No	199	0	199	0
GLCA0074	SPENCER CAMP AREA.	Yes	271	0	271	0
GLCA0075	CASTLE CK AT FORKS	Yes	0	0	0	0
GLCA0076	PIUTE FARMS	Yes	187	0	187	0
GLCA0077	MIKES CANYON AREA	Yes	177	0	177	0
GLCA0078	(D-40-16)33CCC-S1	No	6	0	0	6
GLCA0079	PIUTE FARMS-ROCKHOUSE GULCH ENT.	Yes	169	0	169	0
GLCA0080	MIKES CANYON AREA.	Yes	145	0	145	0
GLCA0081	PIUTE FARMS AREA	Yes	175	0	175	0
GLCA0082	LAKE POWELL	Yes	173	0	173	0
GLCA0083	GREAT BEND.	Yes	253	0	253	0
GLCA0084	MIKES CANYON.	Yes	107	0	107	0
GLCA0085	ELMERS COVE.	Yes	63	0	63	0
GLCA0086	CLAY HILLS-PIUTE FARMS	Yes	137	0	137	0
GLCA0087	DELTA AREA-LAKE POWELL	Yes	128	0	128	0
GLCA0088	DELTA AREA-LAKE POWELL	Yes	112	0	112	0
GLCA0089	SAN JUAN RIVER AT LAKE POWELL	Yes	161	0	0	161
GLCA0090	DELTA AREA-SAN JUAN RIVER	Yes	22	0	22	0
GLCA0091	DELTA AREA-SAN JUAN RIVER	Yes	17	0	17	0
GLCA0092	DELTA AREA-LAKE POWELL	Yes	71	0	71	0
GLCA0093	DELTA AREA-SAN JUAN RIVER	Yes	18	0	18	0
GLCA0094	DELTA AREA-SAN JUAN RIVER	Yes	18	0	18	0
GLCA0095	DELTA AREA-SAN JUAN RIVER	Yes	18	0	18	0
GLCA0096	DELTA AREA-SAN JUAN RIVER	Yes	22	0	22	0
GLCA0097	DELTA AREA-SAN JUAN RIVER	Yes	19	0	19	0
GLCA0098	DELTA AREA-SAN JUAN RIVER	Yes	23	0	23	0
GLCA0099	DELTA AREA-SAN JUAN RIVER	Yes	17	0	17	0
GLCA0100	DELTA AREA-SAN JUAN RIVER	Yes	23	0	23	0
GLCA0101	DELTA AREA.	Yes	111	0	111	0
GLCA0102	CLAY HILLS CROSSING	Yes	71	0	71	0
GLCA0103	CLAY HILLS CROSSING	Yes	72	0	72	0
GLCA0104	CLAY HILLS CROSSING	Yes	40	0	40	0
GLCA0105	DELTA AREA-SAN JUAN RIVER	Yes	17	0	17	0
GLCA0106	CLAY HILLS CROSSING	Yes	51	0	51	0
GLCA0107	LAKE POWELL	Yes	296	0	296	0
GLCA0108	DELTA AREA-SAN JUAN RIVER	Yes	22	0	22	0
GLCA0109	DELTA AREA-SAN JUAN RIVER	Yes	22	0	22	0
GLCA0110[1]	L POWELL-AT MOUTH OF ESCALANTE R CANYON	Yes	528	0	528	0
GLCA0111	ESCALANTE RIVER AT MOUTH NEAR ESCALANTE, UTAH	Yes	1456	0	0	1456
GLCA0112	DESHA CANYON.	Yes	204	0	204	0
GLCA0113	LAKE POWELL	Yes	288	0	288	0
GLCA0114[1]	LAKE CANYON AT MOUTH (HIGH WATER LINE)	Yes	264	0	264	0
GLCA0115	NR006.1090X0565	Yes	22	0	0	22
GLCA0116	(D-39-11) 9BAB-S1	Yes	20	0	0	20
GLCA0117	LAKE POWELL	Yes	338	0	338	0
GLCA0118	MOKI CANYON AT MOUTH (HIGH WATER LINE)	Yes	169	0	169	0
GLCA0119	L POWELL-AT HALLS XING MIDLAKE	Yes	507	0	507	0
GLCA0120	NR006.0790X0114	Yes	20	0	0	20
GLCA0121	LAKE POWELL	Yes	344	0	344	0
GLCA0122	LAKE POWELL	Yes	325	0	325	0
GLCA0123	LAKE POWELL	Yes	248	0	248	0
GLCA0124	ESCALANTE R. AB TRIB AT (D-37- 7) 6DCD	Yes	29	0	29	0
GLCA0125	BULLFROG CK AB LAKE POWELL AT NOTOM RD XING	Yes	112	0	112	0
GLCA0126	(D-36-11)32ACD-S1	No	34	0	34	0
GLCA0127	MILLRACE SPRING	No	33	0	33	0
GLCA0128	CLAY POINT SEEP T36S R10E SEC26 NE1/4 NE1/4	No	32	0	32	0
GLCA0129	(D-36-10)21DCA- 1	No	45	0	0	45
GLCA0130	RED CANYON AT MOUTH (HIGH WATER LINE)	Yes	117	0	117	0
GLCA0131	(D-36- 9)10DCB-S1	No	58	0	33	25
GLCA0132	(D-36- 9)10ACC-S1	No	30	0	30	0
GLCA0133	MM.0950X0344	Yes	25	0	0	25
GLCA0134	T(D-35-12)27CCB-S1	No	34	0	34	0
GLCA0135	(D-35-13)35 - MM.1189X0261	Yes	40	0	0	40
GLCA0136	MM.1172X0251	Yes	24	0	0	24
GLCA0137	MM.1160X0240	Yes	17	0	0	17
GLCA0138	LAKE POWELL	Yes	334	0	334	0
GLCA0139	WHITE CANYON AT MOUTH (HIGH WATER LINE)	Yes	167	0	167	0
GLCA0140	COLORADO RIVER AT HITE, UTAH	Yes	4747	0	0	4747
GLCA0141[1]	L POWELL-NEAR HITE S OF MARINA	Yes	411	0	411	0
GLCA0142[1]	DARK CANYON AT CNFL OF LOST CANYON	No	208	0	208	0

Station Period of Record Tabulation
From 01/11/26 To 09/07/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75
GLCA0143	(D-34-14) 9 HITE.1271X0927	No	27	0	0	27
GLCA0144	(D-33-15)28 HITE.0158X0846	Yes	27	0	0	27
GLCA0145	COLORADO R ARM L POWELL NR HITE	Yes	221	0	221	0
GLCA0146[1]	COLORADO R ARM L POWELL NR HITE	Yes	1919	481	1438	0
GLCA0147	(D-33-16)19 MDC.548G	Yes	22	0	0	22
GLCA0148	MDC.1137X0729	Yes	18	0	0	18
GLCA0149	LAKE POWELL	Yes	199	0	199	0
GLCA0150	DARK CANYON AB CNFL W/ COLORADO R	Yes	44	44	0	0
GLCA0151	DIRTY DEVIL ARM OF L POWELL-HITE	Yes	257	54	203	0
GLCA0152[1]	DIRTY DEVIL ARM OF L POWELL-HITE	Yes	1944	444	1500	0
GLCA0153	DIRTY DEVIL RIVER NR HITE, UTAH 1.00	Yes	28	0	28	0
GLCA0154	(D-33-13)15BDC-S1	No	26	0	0	26
GLCA0155	(D-33-13) 5DDB-S1	No	69	0	23	46
GLCA0156	BIG SPRING	No	96	0	96	0
GLCA0157	BEEF BASIN WASH AT MOUTH	No	0	0	0	0
GLCA0158	GYPSUM CANYON AT BEEF BASIN WASH	No	57	0	57	0
GLCA0159	DIRTY DEVIL R 10MI AB U95 XING	Yes	0	0	0	0
GLCA0160	(D-30-17) 9CB -S	Yes	41	0	0	41
GLCA0161	POISON SPRING WASH AT MOUTH NR H	No	4	0	4	0
GLCA0162	POISON SPRING WASH AT MOUTH NR HANKSVILLE 3.00	No	9	0	9	0
GLCA0163	COLORADO R BL BIG DROP #3 RAPID	No	44	44	0	0
GLCA0164[1]	DIRTY DEVIL R-AB CONF W PSN SP	No	10695	574	10121	0
GLCA0165[1]	DIRTY DEVIL R AB POISON SP WA NR HANKSVILL 2.00	No	1098	112	660	326
GLCA0166	COLORADO RIVER AT LAKE POWELL	No	207	0	0	207
GLCA0167	ERNIES COUNTRY SPG E .5MI SE WHITMORE ARCH WA-2	No	120	120	0	0
GLCA0168	ERNIES COUNTRY SPG W .5MI S GOLDEN STAIRS WA-1	Yes	121	121	0	0
GLCA0169	S FK HORSE CYN SPG 1MI E/NE THE GAP(UPSTR) SF-6	No	0	0	0	0
GLCA0170	S FK HORSE CYN SPG 1MI E/NE THE GAP(DWNSTR) SF-5	No	121	121	0	0
GLCA0171	PLUG SPRING 1 MI N/NW OF THE PLUG SF-1	No	75	75	0	0
GLCA0172	BIGWATER SPG 1.5MI W/SW OF ELATERITE BUTTE BWC-1	Yes	0	0	0	0
GLCA0173	(D-30-17) 9CBC-S1	Yes	25	0	25	0
GLCA0174	(D-30-17) 5CDC-S1	Yes	25	0	25	0
GLCA0175	CHOCOLATE DROPS SPG .5MI S OF MAZE OVERLOOK SF-4	No	120	120	0	0
GLCA0176	(D-30-17) 4CCB-S1	Yes	23	0	23	0
GLCA0177	HARVEST SCENE SPG 1MI NE OF CHOCOLATE DROPS SF-2	No	120	120	0	0
GLCA0178	MAZE OVERLOOK SPG .25MI SE OF MAZE OVERLOOK SF-3	No	120	120	0	0
GLCA0179	JASPER CYN SPG(LOWER) 3MI E OF MAZE OVERLOOK JC1	No	0	0	0	0
GLCA0180	FRENCH SPRING FS-1	Yes	0	0	0	0
GLCA0181	(D-30-16) 3AAB-S1	Yes	31	0	0	31
GLCA0182	S FK HORSE CYN SPG 1MI NE OF MAZE OVERLOOK SF-7	No	38	38	0	0
GLCA0183	JUNCTION SPG/HORSE CANYON 1 MI S OF EKKER B HC-1	No	119	119	0	0
GLCA0184	ANDERSON BOTTOM - GREEN RIVER	No	24	0	24	0
GLCA0185	R(D-27-17)13DBA-S1	No	36	0	0	36
GLCA0186[1]	GREEN RIVER AT MINERAL BOTTOMS	No	1730	808	922	0

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

Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	1165	5	1135	25	82	78
00004	STREAM WIDTH (FEET)	91	79	12	0	14	14
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	760	35	716	9	57	41
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	24	24	0	0	1	1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5386	232	4475	679	145	106
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	285	130	128	27	72	60
00023	SAMPLE WEIGHT IN POUNDS	20	0	0	20	3	2
00025	BAROMETRIC PRESSURE (MM OF HG)	117	97	20	0	2	2
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	286	149	87	50	41	19
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	354	149	149	56	48	24
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)	36	0	36	0	33	31
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	22	0	22	0	19	18
00037	WIND FORCE (BEAUFORT UNITS)	101	0	101	0	56	53
00041	WEATHER (WMO CODE 4501)	101	0	101	0	56	53
00043	CLOUD TYPE (WMO CODE 0500)	47	0	47	0	38	35
00044	CLOUD AMOUNT (WMO CODE 2700)	99	0	99	0	56	53
00049	SURFACE AREA IN SQUARE MILES	967	0	0	967	5	4
00055	VELOCITY, STREAM FT/SEC	9	0	9	0	9	9
00058	FLOW, RATE GALLONS/MIN	4	0	4	0	4	3
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	28	0	3	25	27	12
00060	FLOW, STREAM, MEAN DAILY CFS	1847	0	72	1775	6	5
00061	FLOW, STREAM, INSTANTANEOUS CFS	923	141	400	382	27	14
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	101	0	101	0	56	53
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	92	86	0	6	3	3
00065	STAGE, STREAM (FEET)	127	104	23	0	11	11
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	9	0	9	0	8	8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	332	0	39	293	5	4
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	346	0	346	0	19	19
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	713	171	542	0	63	47
00077	TRANSPARENCY, SECCHI DISC (INCHES)	144	0	144	0	71	68
00078	TRANSPARENCY, SECCHI DISC (METERS)	8	1	7	0	8	8
00080	COLOR (PLATINUM-COBALT UNITS)	411	0	0	411	5	5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	2660	84	2576	0	81	65
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2526	228	1007	1291	130	87
00105	RIVER MILE, UPSTREAM END OF REACH	55	0	55	0	55	52
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	344	0	344	0	35	32
00300	OXYGEN, DISSOLVED MG/L	1595	183	1252	160	99	80
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	28	27	0	1	1	1
00310	BOD, 5 DAY, 20 DEG C MG/L	126	0	56	70	14	10
00315	BOD, 7 DAY, 20 DEG C MG/L	8	0	8	0	7	7
00335	COD, .025N K2CR2O7 MG/L	361	69	291	1	23	18
00340	COD, .25N K2CR2O7 MG/L	57	57	0	0	1	1
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	1	0	0	1	1	1
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	2	0	0	2	1	1
00400	PH (STANDARD UNITS)	2616	176	1157	1283	138	107
00403	PH, LAB, STANDARD UNITS SU	634	125	509	0	84	66
00405	CARBON DIOXIDE (MG/L AS CO2)	642	97	373	172	62	36
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2220	136	1331	753	147	106
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	1	1	0	0	1	1
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	3	3	0	0	1	1
00440	BICARBONATE ION (MG/L AS HCO3)	1745	105	386	1254	82	44
00445	CARBONATE ION (MG/L AS CO3)	659	106	376	177	68	34
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	1	1	0	0	1	1
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	2	2	0	0	1	1
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	67	67	0	0	2	2
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	67	67	0	0	2	2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	453	1	280	172	22	17
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	593	116	223	254	35	20
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	3	0	3	0	1	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	11	0	10	1	1	1
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	11	0	10	1	1	1
00600	NITROGEN, TOTAL (MG/L AS N)	62	0	53	9	2	2
00602	NITROGEN, DISSOLVED (MG/L AS N)	19	0	19	0	1	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	35	0	35	0	1	1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	18	0	18	0	1	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	112	72	39	1	3	2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1481	181	1263	37	103	85
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	327	103	197	27	22	17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	208	53	152	3	25	19
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	523	60	214	249	48	30
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	170	14	153	3	25	18

Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	36	1	35	0	1	1
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	32	0	32	0	1	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	1479	183	1287	9	102	85
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1368	91	1238	39	96	82
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	234	101	83	50	33	15
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	27	0	0	27	1	1
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	10	0	0	10	1	1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	5	0	3	2	3	3
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	113	0	0	113	1	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	90	0	40	50	17	8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1496	182	1288	26	104	86
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	366	101	242	23	39	29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1324	136	1147	41	105	88
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	424	94	309	21	26	21
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	30	0	10	20	2	2
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	9	0	9	0	1	1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	2	0	2	0	2	1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2102	97	437	1568	86	48
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	1350	0	97	1253	47	25
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1872	172	452	1248	85	49
00916	CALCIUM, TOTAL (MG/L AS CA)	2	0	2	0	2	0
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	5	0	5	0	3	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1872	172	452	1248	85	49
00927	MAGNESIUM, TOTAL (MG/L AS MG)	2	0	2	0	2	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	1729	171	452	1106	67	40
00931	SODIUM ADSORPTION RATIO	1075	0	117	958	50	29
00932	SODIUM, PERCENT	1171	0	115	1056	40	19
00933	SODIUM,PLUS POTASSIUM (MG/L)	167	0	17	150	23	12
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1528	170	446	912	65	39
00937	POTASSIUM, TOTAL MG/L AS K)	1	0	1	0	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	1960	138	449	1373	75	47
00941	CHLORIDE, DISSOLVED IN WATER MG/L	298	34	264	0	34	18
00945	SULFATE, TOTAL (MG/L AS SO4)	1450	74	128	1248	52	31
00946	SULFATE, DISSOLVED (MG/L AS SO4)	423	97	326	0	35	19
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1056	74	322	660	67	40
00955	SILICA, DISSOLVED (MG/L AS SI02)	1362	60	312	990	72	45
01000	ARSENIC, DISSOLVED (UG/L AS AS)	184	65	102	17	28	16
01001	ARSENIC, SUSPENDED (UG/L AS AS)	22	0	20	2	2	2
01002	ARSENIC, TOTAL (UG/L AS AS)	476	149	323	4	40	24
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	3	1	2	0	3	3
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	23	2	1	20	5	4
01005	BARIUM, DISSOLVED (UG/L AS BA)	162	65	85	12	21	15
01006	BARIUM, SUSPENDED (UG/L AS BA)	17	0	17	0	1	1
01007	BARIUM, TOTAL (UG/L AS BA)	381	85	296	0	32	18
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	45	27	9	9	2	2
01012	BERYLLIUM, TOTAL (UG/L AS BE)	9	8	1	0	3	3
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	3	1	2	0	3	3
01020	BORON, DISSOLVED (UG/L AS B)	942	58	254	630	48	31
01022	BORON, TOTAL (UG/L AS B)	73	0	4	69	2	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	144	63	65	16	18	13
01026	CADMIUM, SUSPENDED (UG/L AS CD)	25	0	23	2	2	2
01027	CADMIUM, TOTAL (UG/L AS CD)	449	144	301	4	39	24
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	1	2	0	3	3
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	1	2	0	3	3
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	140	64	62	14	18	13
01031	CHROMIUM, SUSPEND (UG/L AS CR)	24	0	22	2	2	2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	174	0	174	0	23	17
01034	CHROMIUM, TOTAL (UG/L AS CR)	453	149	300	4	38	23
01035	COBALT, DISSOLVED (UG/L AS CO)	83	33	36	14	4	3
01036	COBALT, SUSPENDED (UG/L AS CO)	20	0	18	2	2	2
01037	COBALT, TOTAL (UG/L AS CO)	32	0	30	2	4	3
01040	COPPER, DISSOLVED (UG/L AS CU)	171	64	89	18	22	15
01041	COPPER, SUSPENDED (UG/L AS CU)	27	0	25	2	2	2
01042	COPPER, TOTAL (UG/L AS CU)	462	148	310	4	40	24
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	3	1	2	0	3	3
01044	IRON, SUSPENDED (UG/L AS FE)	10	0	10	0	2	2
01045	IRON, TOTAL (UG/L AS FE)	525	55	28	442	9	8
01046	IRON, DISSOLVED (UG/L AS FE)	374	65	101	208	35	24
01049	LEAD, DISSOLVED (UG/L AS PB)	172	65	91	16	25	14
01050	LEAD, SUSPENDED (UG/L AS PB)	26	0	24	2	2	2
01051	LEAD, TOTAL (UG/L AS PB)	458	149	305	4	39	24

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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	3	1	2	0	3	3
01054	MANGANESE, SUSPENDED (UG/L AS MN)	26	0	24	2	2	2
01055	MANGANESE, TOTAL (UG/L AS MN)	468	146	308	14	36	20
01056	MANGANESE, DISSOLVED (UG/L AS MN)	166	65	91	10	27	19
01059	THALLIUM, TOTAL (UG/L AS TL)	7	7	0	0	2	2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	56	34	10	12	3	2
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	6	0	6	0	4	1
01065	NICKEL, DISSOLVED (UG/L AS NI)	95	33	49	13	15	10
01066	NICKEL, SUSPENDED (UG/L AS NI)	11	0	11	0	1	1
01067	NICKEL, TOTAL (UG/L AS NI)	272	8	264	0	24	18
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	1	2	0	3	3
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	3	2	1	0	2	2
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	9	0	0	9	1	1
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	2	2	0	0	1	1
01075	SILVER, DISSOLVED (UG/L AS AG)	134	65	55	14	17	12
01076	SILVER, SUSPENDED (UG/L AS AG)	13	0	13	0	1	1
01077	SILVER, TOTAL (UG/L AS AG)	377	87	288	2	35	21
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	2	1	1	0	2	2
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	57	33	13	11	6	4
01085	VANADIUM, DISSOLVED (UG/L AS V)	55	34	9	12	2	2
01087	VANADIUM, TOTAL (UG/L AS V)	1	0	1	0	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	176	66	94	16	25	14
01091	ZINC, SUSPENDED (UG/L ZN)	25	0	23	2	2	2
01092	ZINC, TOTAL (UG/L AS ZN)	464	149	311	4	39	24
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	3	1	2	0	3	3
01097	ANTIMONY, TOTAL (UG/L AS SB)	9	8	1	0	3	3
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	3	1	2	0	3	3
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	3	2	1	0	2	2
01105	ALUMINUM, TOTAL (UG/L AS AL)	10	0	1	9	3	2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	44	34	10	0	2	1
01130	LITHIUM, DISSOLVED (UG/L AS LI)	49	34	15	0	7	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	173	67	98	8	28	20
01146	SELENIUM, SUSPENDED (UG/L AS SE)	28	0	26	2	2	2
01147	SELENIUM, TOTAL (UG/L AS SE)	466	150	312	4	39	23
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	2	1	1	0	2	2
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	22	2	0	20	4	3
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10	10	0	0	10	2
01360	SAMPLE LENGTH CM	1	1	0	0	1	1
01362	SAMPLE WEIGHT-MAXIMUM G	1	1	0	0	1	1
01501	ALPHA, TOTAL	487	19	60	408	15	13
01502	ALPHA, TOTAL, COUNTING ERROR	323	0	0	323	2	2
01503	ALPHA, DISSOLVED	409	0	0	409	3	3
01504	ALPHA, DISSOLVED, COUNTING ERROR	323	0	0	323	2	2
01505	ALPHA, SUSPENDED	408	0	0	408	2	2
01506	ALPHA, SUSPENDED, COUNTING ERROR	323	0	0	323	2	2
03501	BETA, TOTAL	490	19	61	410	15	13
03502	BETA, TOTAL, COUNTING ERROR	324	0	0	324	2	2
03503	BETA, DISSOLVED	410	0	0	410	3	3
03504	BETA, DISSOLVED, COUNTING ERROR	324	0	0	324	2	2
03505	BETA, SUSPENDED	409	0	0	409	2	2
03506	BETA, SUSPENDED, COUNTING ERROR	324	0	0	324	2	2
03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	5	0	5	0	4	4
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	58	1	55	2	14	12
07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	2	0	0	2	1	1
07005	TRITIUM, DISSOLVED (PC/L)	1	0	0	1	1	1
07006	TRITIUM, DISSOLVED, COUNTING ERROR (PC/L)	1	0	0	1	1	1
09501	RADIUM 226, TOTAL	69	18	51	0	11	9
09503	RADIUM 226, DISSOLVED	101	0	0	101	2	2
09504	RADIUM 226, DISSOLVED, COUNTING ERROR	45	0	0	45	1	1
09505	RADIUM 226, SUSPENDED	1	0	0	1	1	1
09506	RADIUM 226, SUSPENDED, COUNTING ERROR	1	0	0	1	1	1
09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	1	0	0	1	1	1
09508	RADIUM 226 IN SEDIMENT, COUNTING ERROR	1	0	0	1	1	1
09511	RADIUM 226, DISSOLVED, RADON METHOD	6	0	6	0	1	1
11501	RADIUM 228, TOTAL	42	1	41	0	8	7
13501	STRONTIUM 90, TOTAL	17	0	0	17	1	1
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	3	0	0	3	1	1
13503	STRONTIUM 90, DISSOLVED	2	0	1	1	2	1
13504	STRONTIUM 90, DISSOLVED, COUNTING ERROR	1	0	0	1	1	1
15501	STRONTIUM 89, TOTAL	3	0	0	3	1	1
15502	STRONTIUM 89, TOTAL, COUNTING ERROR	3	0	0	3	1	1

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22703	URANIUM, NATURAL, DISSOLVED	103	0	1	102	4	4
22708	URANIUM, NATURAL TOTAL MG/L	3	1	2	0	2	1
29804	BICARBONATE,WTR,DISS.,FIX ENDPT,FIELD,AS HCO3,MG/L	2	2	0	0	1	1
30004	FENSULFOTHION, WATER, WHOLE, RECOVERABLE UG/L	4	0	0	4	1	1
30205	TEMPERATURE, WOOD (FIRE POTENTIAL) DEG F	1	0	0	1	1	1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11	0	2	9	4	2
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	242	0	0	242	1	1
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	76	0	76	0	15	10
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	1	0	1	0	1	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	72	0	72	0	14	9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	26	0	14	12	3	2
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	140	60	80	0	2	2
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	134	60	74	0	2	2
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	27	0	15	12	3	2
32000	SAMPLE SIZE (LITERS)	24	0	0	24	1	1
32001	SAMPLE SIZE (GALLONS)	56	0	0	56	1	1
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	62	0	0	62	1	1
32004	CARBON ALCOHOL EXTRACTABLES	58	0	0	58	1	1
32005	CARBON CHLOROFORM EXTRACTABLES	62	0	0	62	1	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	17	0	0	17	1	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	17	0	0	17	1	1
32023	ACIDS, STRONG	17	0	0	17	1	1
32024	ACIDS, WEAK	17	0	0	17	1	1
32025	BASES	17	0	0	17	1	1
32026	NEUTRALS, TOTAL	17	0	0	17	1	1
32027	ALIPHATICS FRACTION OF NEUTRALS	17	0	0	17	1	1
32028	AROMATICS FRACTION OF NEUTRALS	17	0	0	17	1	1
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	17	0	0	17	1	1
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	2	1	1	0	2	2
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	2	1	1	0	2	2
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	2	1	1	0	2	2
32104	BROMOFORM,WHOLE WATER,UG/L	2	1	1	0	2	2
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	2	1	1	0	2	2
32106	CHLOROFORM,WHOLE WATER,UG/L	2	1	1	0	2	2
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	51	0	51	0	32	30
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	56	0	56	0	19	19
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	5	0	4	1	1	1
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	5	0	4	1	1	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	1	1	0	2	2
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	1	1	0	2	2
34200	ACENAPHTHYLENE TOTWUG/L	2	1	1	0	2	2
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34204	ACENAPHTHYLENE WET WGTTISMG/KG	2	1	1	0	2	2
34205	ACENAPHTHENE TOTWUG/L	2	1	1	0	2	2
34208	ACENAPHTHENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34209	ACENAPHTHENE WET WGTTISMG/KG	1	0	1	0	1	1
34210	ACROLEIN TOTWUG/L	1	0	1	0	1	1
34213	ACROLEIN DRY WGTBOTUG/KG	4	0	4	0	2	2
34214	ACROLEIN WET WGTTISMG/KG	1	0	1	0	1	1
34215	ACRYLONITRILE TOTWUG/L	1	0	1	0	1	1
34218	ACRYLONITRILE DRY WGTBOTUG/KG	4	0	4	0	2	2
34219	ACRYLONITRILE WET WGTTISMG/KG	1	0	1	0	1	1
34220	ANTHRACENE TOTWUG/L	2	1	1	0	2	2
34223	ANTHRACENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34224	ANTHRACENE WET WGTTISMG/KG	2	1	1	0	2	2
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2	1	1	0	2	2
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	2	1	1	0	2	2
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	2	1	1	0	2	2
34237	BENZENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34238	BENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34241	BENZIDINE WET WGTTISMG/KG	2	1	1	0	2	2
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2	1	1	0	2	2
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	2	1	1	0	2	2
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	2	1	1	0	2	2
34247	BENZO-A-PYRENE TOTWUG/L	2	1	1	0	2	2
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34251	BENZO-A-PYRENE WET WGTTISMG/KG	2	1	1	0	2	2
34252	BERYLLIUM WET WGTTISMG/KG	3	2	1	0	2	2
34257	B-BHC-BETA DRY WGTBOTUG/KG	3	1	2	0	3	3
34258	B-BHC-BETA WET WGTTISMG/KG	2	1	1	0	2	2
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	2	1	1	0	2	2

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34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	3	1	2	0	3	3
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	2	1	1	0	2	2
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	2	1	1	0	2	2
34272	BIS (CHLOROMETHYL) ETHER WET WGTTISMG/KG	1	1	0	0	1	1
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2	1	1	0	2	2
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	2	1	1	0	2	2
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	2	1	1	0	2	2
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	2	1	1	0	2	2
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	2	1	1	0	2	2
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	2	1	1	0	2	2
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2	1	1	0	2	2
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	2	1	1	0	2	2
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	2	1	1	0	2	2
34290	BROMOFORM DRY WGTBOTUG/KG	5	1	4	0	3	3
34291	BROMOFORM WET WGTTISMG/KG	2	1	1	0	2	2
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2	1	1	0	2	2
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	2	1	1	0	2	2
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	2	1	1	0	2	2
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	5	1	4	0	3	3
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	2	1	1	0	2	2
34301	CHLOROBENZENE TOTWUG/L	2	1	1	0	2	2
34304	CHLOROBENZENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34305	CHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34311	CHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34314	CHLOROETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34315	CHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34318	CHLOROFORM DRY WGTBOTUG/KG	5	1	4	0	3	3
34319	CHLOROFORM WET WGTTISMG/KG	1	0	1	0	1	1
34320	CHRYSENE TOTWUG/L	2	1	1	0	2	2
34323	CHRYSENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34324	CHRYSENE WET WGTTISMG/KG	2	1	1	0	2	2
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	1	0	1	0	1	1
34336	DIETHYL PHTHALATE TOTWUG/L	2	1	1	0	2	2
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	2	1	1	0	2	2
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	2	1	1	0	2	2
34341	DIMETHYL PHTHALATE TOTWUG/L	2	1	1	0	2	2
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	2	1	1	0	2	2
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	2	1	1	0	2	2
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	2	1	1	0	2	2
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	2	1	1	0	2	2
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	2	1	1	0	2	2
34351	ENDOSULFAN SULFATE TOTWUG/L	2	1	1	0	2	2
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	3	1	2	0	3	3
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	2	1	1	0	2	2
34356	ENDOSULFAN, BETA TOTWUG/L	2	1	1	0	2	2
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	3	1	2	0	3	3
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	1	0	1	0	1	1
34361	ENDOSULFAN, ALPHA TOTWUG/L	2	1	1	0	2	2
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	3	1	2	0	3	3
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	2	1	1	0	2	2
34366	ENDRIN ALDEHYDE TOTWUG/L	3	2	1	0	2	2
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	1	0	1	0	1	1
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	2	1	1	0	2	2
34371	ETHYLBENZENE TOTWUG/L	2	1	1	0	2	2
34374	ETHYLBENZENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34375	ETHYLBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34376	FLUORANTHENE TOTWUG/L	2	1	1	0	2	2
34379	FLUORANTHENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34380	FLUORANTHENE WET WGTTISMG/KG	2	1	1	0	2	2
34381	FLUORENE TOTWUG/L	2	1	1	0	2	2
34384	FLUORENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34385	FLUORENE WET WGTTISMG/KG	2	1	1	0	2	2
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	2	1	1	0	2	2
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	1	0	1	0	1	1
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	2	1	1	0	2	2
34391	HEXACHLOROBUTADIENE TOTWUG/L	1	0	1	0	1	1
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	2	1	1	0	2	2

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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34396	HEXACHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	2	1	1	0	2	2
34400	HEXACHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	2	1	1	0	2	2
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	2	1	1	0	2	2
34408	ISOPHORONE TOTWUG/L	2	1	1	0	2	2
34411	ISOPHORONE DRY WGTBOTUG/KG	2	1	1	0	2	2
34412	ISOPHORONE WET WGTTISMG/KG	2	1	1	0	2	2
34413	METHYL BROMIDE TOTWUG/L	2	1	1	0	2	2
34416	METHYL BROMIDE DRY WGTBOTUG/KG	5	1	4	0	3	3
34417	METHYL BROMIDE WET WGTTISMG/KG	2	1	1	0	2	2
34418	METHYL CHLORIDE TOTWUG/L	2	1	1	0	2	2
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	5	1	4	0	3	3
34422	METHYL CHLORIDE WET WGTTISMG/KG	2	1	1	0	2	2
34423	METHYLENE CHLORIDE TOTWUG/L	2	1	1	0	2	2
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	3	0	3	0	2	2
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2	1	1	0	2	2
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	2	1	1	0	2	2
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	2	1	1	0	2	2
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	2	1	1	0	2	2
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	2	1	1	0	2	2
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	2	1	1	0	2	2
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	2	1	1	0	2	2
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	2	1	1	0	2	2
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	1	0	1	0	1	1
34445	NAPHTHALENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34446	NAPHTHALENE WET WGTTISMG/KG	2	1	1	0	2	2
34447	NITROBENZENE TOTWUG/L	2	1	1	0	2	2
34450	NITROBENZENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34451	NITROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34452	PARACHLOROMETA CRESOL TOTWUG/L	2	1	1	0	2	2
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	2	1	1	0	2	2
34461	PHENANTHRENE TOTWUG/L	2	1	1	0	2	2
34464	PHENANTHRENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34465	PHENANTHRENE WET WGTTISMG/KG	2	1	1	0	2	2
34468	PHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34469	PYRENE TOTWUG/L	2	1	1	0	2	2
34472	PYRENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34473	PYRENE WET WGTTISMG/KG	2	1	1	0	2	2
34474	SILVER WET WGTTISMG/KG	22	2	0	20	4	3
34475	TETRACHLOROETHYLENE TOTWUG/L	2	1	1	0	2	2
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	2	1	1	0	2	2
34480	THALLIUM DRY WGTBOTMG/KG	2	1	1	0	2	2
34483	TOLUENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34484	TOLUENE WET WGTTISMG/KG	2	1	1	0	2	2
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	1	0	1	0	1	1
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	4	0	4	0	2	2
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	1	0	1	0	1	1
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	5	1	4	0	3	3
34496	1,1-DICHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34501	1,1-DICHLOROETHYLENE TOTWUG/L	2	1	1	0	2	2
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	5	1	4	0	3	3
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	2	1	1	0	2	2
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	2	1	1	0	2	2
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	2	1	1	0	2	2
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	2	1	1	0	2	2
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	2	1	1	0	2	2

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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	2	1	1	0	2	2
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	2	1	1	0	2	2
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	2	1	1	0	2	2
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	4	0	4	0	2	2
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	2	1	1	0	2	2
34536	1,2-DICHLOROBENZENE TOTWUG/L	2	1	1	0	2	2
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34541	1,2-DICHLOROPROPANE TOTWUG/L	2	1	1	0	2	2
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	5	1	4	0	3	3
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	2	1	1	0	2	2
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	2	1	1	0	2	2
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	5	1	4	0	3	3
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	2	1	1	0	2	2
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2	1	1	0	2	2
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	2	1	1	0	2	2
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	2	1	1	0	2	2
34561	1,3-DICHLOROPROPENE TOTWUG/L	2	1	1	0	2	2
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	4	1	3	0	2	2
34565	1,3-DICHLOROPROPENE WET WGTTISMG/KG	2	1	1	0	2	2
34566	1,3-DICHLOROBENZENE TOTWUG/L	2	1	1	0	2	2
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34571	1,4-DICHLOROBENZENE TOTWUG/L	2	1	1	0	2	2
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	2	1	1	0	2	2
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	5	1	4	0	3	3
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	2	1	1	0	2	2
34581	2-CHLORONAPHTHALENE TOTWUG/L	2	1	1	0	2	2
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	1	0	1	0	1	1
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	3	2	1	0	2	2
34586	2-CHLOROPHENOL TOTWUG/L	2	1	1	0	2	2
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34590	2-CHLOROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34591	2-NITROPHENOL TOTWUG/L	2	1	1	0	2	2
34594	2-NITROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34595	2-NITROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2	1	1	0	2	2
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	2	1	1	0	2	2
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	2	1	1	0	2	2
34601	2,4-DICHLOROPHENOL TOTWUG/L	2	1	1	0	2	2
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34606	2,4-DIMETHYLPHENOL TOTWUG/L	2	1	1	0	2	2
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34611	2,4-DINITROTOLUENE TOTWUG/L	2	1	1	0	2	2
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	2	1	1	0	2	2
34616	2,4-DINITROPHENOL TOTWUG/L	2	1	1	0	2	2
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2	1	1	0	2	2
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34626	2,6-DINITROTOLUENE TOTWUG/L	2	1	1	0	2	2
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	2	1	1	0	2	2
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	2	1	1	0	2	2
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	2	1	1	0	2	2
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	2	1	1	0	2	2
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	3	2	1	0	2	2
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2	1	1	0	2	2
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	1	1	0	2	2
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	2	1	1	0	2	2
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2	1	1	0	2	2
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	1	1	0	2	2
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	2	1	1	0	2	2

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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34646	4-NITROPHENOL TOTWUG/L	2	1	1	0	2	2
34649	4-NITROPHENOL DRY WGTBOTUG/KG	2	1	1	0	2	2
34650	4-NITROPHENOL WET WGTTISMG/KG	2	1	1	0	2	2
34654	P,P'-DDE SUSPUG/L	1	1	0	0	1	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	2	1	1	0	2	2
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	2	1	1	0	2	2
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	2	1	1	0	2	2
34664	PCB - 1221 WET WGTTISMG/KG	2	1	1	0	2	2
34667	PCB - 1232 WET WGTTISMG/KG	3	2	1	0	2	2
34669	PCB - 1248 WET WGTTISMG/KG	2	1	1	0	2	2
34670	PCB - 1260 WET WGTTISMG/KG	2	1	1	0	2	2
34671	PCB - 1016 TOTWUG/L	2	1	1	0	2	2
34674	PCB - 1016 WET WGTTISMG/KG	2	1	1	0	2	2
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	22	1	1	20	5	4
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	2	1	1	0	2	2
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	2	1	1	0	2	2
34685	ENDRIN WET WGTTISMG/KG	22	1	1	20	5	4
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	22	1	1	20	5	4
34687	HEPTACHLOR WET WGTTISMG/KG	22	1	1	20	5	4
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	2
34689	PCB - 1242 WET WGTTISMG/KG	2	1	1	0	2	2
34690	PCB - 1254 WET WGTTISMG/KG	2	1	1	0	2	2
34691	TOXAPHENE WET WGTTISMG/KG	2	1	1	0	2	2
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	2	1	1	0	2	2
34693	VINYL CHLORIDE WET WGTTISMG/KG	2	1	1	0	2	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	2	1	1	0	2	2
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	2	1	1	0	2	2
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	1	1	0	0	1	1
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	2	1	1	0	2	2
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	4	1	3	0	2	2
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	2	1	1	0	2	2
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	2	1	1	0	2	2
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	89	0	45	44	15	10
38442	DICAMBA (BANVEL) WATER,DISSUG/L	3	3	0	0	3	2
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	4	0	4	0	1	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	2	1	1	0	2	2
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	1
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	40	40	0	0	2	2
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	2	1	1	0	2	2
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	2	1	1	0	2	2
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	22	1	1	20	5	4
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	3	1	2	0	3	3
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	67	67	0	0	2	2
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	2	1	1	0	2	2
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2	1	1	0	2	2
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	2	1	1	0	2	2
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2	1	1	0	2	2
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	2	1	1	0	2	2
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2	2
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	2	1	1	0	2	2
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	2	1	1	0	2	2
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	2	1	1	0	2	2
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	3	1	2	0	3	3
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	20	0	0	20	3	2
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2	2
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39302	P P DDT IN TISSUE WET WGT (UG/G)	2	1	1	0	2	2
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	1	1	0	2	2
39307	O P DDT IN TISSUE WET WGT (UG/G)	1	1	0	0	1	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	4	3	1	0	4	3
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	1	2	0	3	3
39312	P P DDD IN TISSUE WET WGT (UG/G)	22	1	1	20	5	4
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	1	1	0	2	2
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	5	1	0	4	3
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	1	2	0	3	3
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	22	1	1	20	5	4
39325	O,P DDD IN TISSUE WET WGT (UG/G)	1	1	0	0	1	1
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	1	1	0	2	2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5	4

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	8	1	7	0	4	4
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2	1	1	0	2	2
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	4	3	1	0	4	3
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	23	1	15	7	3	3
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	8	1	7	0	4	4
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	19	3	15	1	5	4
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	8	1	7	0	4	4
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	22	0	15	7	2	2
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	5	0	1	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	22	0	15	7	2	2
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	5	0	1	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	24	2	15	7	4	3
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	5	0	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5	4
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	8	1	7	0	4	4
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	3	2	1	0	3	2
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	1	2	0	3	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	26	4	15	7	5	4
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	8	1	7	0	4	4
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	0	4	0	1	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20	5	15	0	4	3
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	8	1	7	0	4	4
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	22	1	1	20	5	4
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5	4
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	8	1	7	0	4	4
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5	4
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	8	1	7	0	4	4
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	18	3	15	0	4	3
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	7	1	6	0	3	3
39482	METHOXYCHLOR IN FISH - UG/KG	20	0	0	20	3	2
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	2	1	1	0	2	2
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	3	1	2	0	3	3
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1	0	1	0	1	1
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1	0	1	0	1	1
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	2	1	1	0	2	2
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	3	1	2	0	3	3
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	2	1	1	0	2	2
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	1	2	0	3	3
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	2	1	1	0	2	2
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	1	2	0	3	3
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	4	3	1	0	4	3
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	1	2	0	3	3
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	3	1	2	0	3	3
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11	0	11	0	1	1
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	1	1
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	4	0	1	1
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	4	0	1	1
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	16	1	15	0	2	2
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	4	0	1	1
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	4	0	4	0	1	1
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1	1
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2	2
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	2	1	1	0	2	2
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	1	1	0	0	1	1
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	2	1	1	0	2	2
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	8	0	8	0	1	1
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	1	1
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	8	0	8	0	1	1
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	1	1
39755	MIREX, TOTAL (UG/L)	1	0	1	0	1	1
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12	4	8	0	3	2
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	1	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	3	3	0	0	2	1
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	22	1	1	20	5	4
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1

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From 01/11/26 To 09/07/93

Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	0	4	0	1	1
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	15	0	15	0	1	1
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	4	0	4	0	1	1
45145	DIMETHYLNAPHTHALENE IN SEDIMENT UG/KG	1	1	0	0	1	1
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	1
45511	XYLENE TISSUE ,WET WGT,MG/KG	1	1	0	0	1	1
60050	ALGAE, TOTAL (CELLS/ML)	128	0	26	102	2	2
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	102	0	0	102	1	1
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	102	0	0	102	1	1
60200	ALGAE, COCCOID GREEN (CELLS/ML)	102	0	0	102	1	1
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	102	0	0	102	1	1
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	101	0	0	101	1	1
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	101	0	0	101	1	1
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	63	0	0	63	1	1
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	1	0	0	1	1	1
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	1	0	0	1	1	1
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	3	0	0	3	1	1
60400	DIATOMS, CENTRIC (/ML)	100	0	0	100	1	1
60600	DIATOMS, PENNATE (/ML)	101	0	0	101	1	1
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	15	0	0	15	1	1
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	16	0	0	16	1	1
60820	PROTOZOA, TOTAL (/ML)	25	0	0	25	1	1
60850	ROTIFERS, TOTAL (/LITER)	27	0	0	27	1	1
60900	CRUSTACEA, TOTAL (/LITER)	27	0	0	27	1	1
60950	NEMATODES, TOTAL (/LITER)	26	0	0	26	1	1
60990	ZOOPLANKTON OTHER (/LITER)	26	0	0	26	1	1
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	1
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	1	0	0	1	1	1
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	1	0	0	1	1	1
63400	INVALID	1	0	0	1	1	1
70222	WAVE HEIGHT (WMO CODE 1555)	97	0	97	0	56	53
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	1615	171	439	1005	66	37
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	511	0	115	396	38	22
70302	SOLIDS, DISSOLVED-TONS PER DAY	1256	0	105	1151	12	7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	1347	0	111	1236	21	12
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	15	0	0	15	2	2
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	19	0	0	19	2	2
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	18	0	0	18	2	2
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	19	0	0	19	2	2
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	17	0	0	17	2	2
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	298	42	61	195	4	4
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	186	0	1	185	3	3
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	169	0	1	168	3	3
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	112	0	1	111	3	3
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	4	0	0	4	2	2
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	133	0	7	126	3	3
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	256	0	7	249	3	3
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	28	0	0	28	3	3
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	256	0	7	249	3	3
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	28	0	0	28	3	3
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	102	0	6	96	2	2
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	90	0	6	84	2	2
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	76	0	6	70	2	2
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	30	0	4	26	2	2
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	6	0	0	6	1	1
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	1	0	0	1	1	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	42	39	3	0	2	2
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	3	0	3	0	1	1
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	6	0	6	0	1	1
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	6	0	6	0	1	1
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	1	0	0	1	1	1
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	1	0	0	1	1	1
71498	MACROINVERTEBRATE ORGANISM NO/SAMPLE	1	1	0	0	1	1
71830	HYDROXIDE ION (MG/L AS OH)	411	95	314	2	35	20
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	1	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	29	0	28	1	2	1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	751	0	3	748	7	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	319	0	4	315	28	15
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	30	0	3	27	1	1
71885	IRON (UG/L AS FE)	92	0	0	92	3	2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	199	5	194	0	25	19

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Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71887	NITROGEN, TOTAL, AS NO3 - MG/L	62	0	53	9	2	2
71890	MERCURY, DISSOLVED (UG/L AS HG)	71	32	37	2	5	3
71895	MERCURY, SUSPENDED (UG/L AS HG)	23	0	21	2	2	2
71900	MERCURY, TOTAL (UG/L AS HG)	479	141	334	4	41	25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	3	1	2	0	3	3
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	23	2	1	20	5	4
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	23	2	1	20	5	4
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	2	1	0	2	2
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	2	1	0	2	2
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	22	2	0	20	4	3
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	23	2	1	20	5	4
71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	1	0	1	0	1	1
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	969	0	0	969	7	5
72005	SAMPLE SOURCE CODE (BM WELL DATA)	1	0	0	1	1	0
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	59	5	54	0	11	10
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	1	1	0	0	1	1
72025	DEPTH OF POND OR RESERVOIR IN FEET	156	0	156	0	75	72
74010	IRON, TOTAL (MG/L AS FE)	393	84	309	0	33	18
75059	ACETONE SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	1
75166	2-HEXANONE SEDIMENT,DRY WGT,UG/KG	2	2	0	0	1	1
75192	STYRENE SEDIMENT,DRY WGT,UG/KG	2	2	0	0	1	1
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	1
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	1
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	1	1	0	0	1	1
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	1	1	0	0	1	1
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	1	1	0	0	1	1
77041	CARBON DISULFIDE WHOLE WATER,UG/L	1	1	0	0	1	1
77057	VINYL ACETATE WHOLE WATER,UG/L	1	1	0	0	1	1
77089	ANILINE WHOLE WATER,UG/L	1	1	0	0	1	1
77103	2-HEXANONE WHOLE WATER,UG/L	1	1	0	0	1	1
77128	STYRENE WHOLE WATER,UG/L	1	1	0	0	1	1
77135	O-XYLENE WHOLE WATER,UG/L	1	1	0	0	1	1
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	1	1	0	0	1	1
77247	BENZOIC ACID WHOLE WATER,UG/L	1	1	0	0	1	1
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	1	1	0	0	1	1
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	1	1	0	0	1	1
77689	DIBENZYLAMINE WHOLE WATER,UG/L	1	1	0	0	1	1
78133	4-METHYL-2-PENTANONE IN WATER UG/L	1	1	0	0	1	1
78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	1	1	0	0	1	1
78544	CARBON DISULFIDE IN SEDIMENT UG/KG	1	1	0	0	1	1
80000	ALPHA ACTIVITY (PC/MG)	5	0	5	0	4	4
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	6	0	6	0	1	1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	774	57	190	527	4	4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	676	0	164	512	3	3
80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	5	0	0	5	1	1
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	20	0	0	20	1	1
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	20	0	0	20	1	1
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	19	0	0	19	1	1
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	1	0	0	1	1	1
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	5	0	0	5	1	1
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	7	0	0	7	2	2
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	7	0	0	7	2	2
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	7	0	0	7	2	2
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	6	0	0	6	2	2
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	6	0	0	6	2	2
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	5	0	0	5	1	1
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	4	0	0	4	1	1
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	4	0	0	4	1	1
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	1	0	0	1	1	1
81204	POTASSIUM, (TONS PER DAY AS K)	1	0	1	0	1	1
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
81552	ACETONE WHL WATER SMPL UG/L	1	1	0	0	1	1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	20	0	0	20	3	2
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	1	1	0	0	1	1
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	1
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	1	0	1	0	1	1
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	5	0	5	0	2	2
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	1	0	1	0	1	1
82398	SAMPLING METHOD (CODES)	125	94	30	1	3	3
82702	AS DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82703	BA DECNT FLD ACID WTR MG/L	10	10	0	0	10	2

Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Parameter Code	Name	Total Obs	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82705	CD DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82706	CR DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82708	CU DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82710	FE DECNT FLD ACID WTR MG/L	10	10	0	0	10	2
82711	PB DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82712	MN DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82713	HG DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82716	AG DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
82719	ZN DECNT FLD ACID WTR UG/L	10	10	0	0	10	2
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	52	0	20	32	38	19
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	52	0	20	32	38	19
84007	ANATOMY ALPHA CODE	20	0	0	20	3	2
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	20	0	0	20	3	2
85281	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	101	0	101	0	56	53

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0004	Yes	00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	7	67	
GLCA0011	Yes	00004	STREAM WIDTH (FEET)	10/05/89-10/10/89	0	12	
GLCA0087	Yes	00004	STREAM WIDTH (FEET)	06/08/76-06/08/76	0	1	
GLCA0090	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0093	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0108	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	0	1	
GLCA0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	33	408	
GLCA0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	25	135	
GLCA0010	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/89-10/10/89	0	22	
GLCA0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	6	310	
GLCA0014	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	8	39	
GLCA0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/01/75	0	22	
GLCA0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/85-05/29/85	0	1	
GLCA0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/80-02/26/82	1	5	
GLCA0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	0	28	
GLCA0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/77-12/05/77	0	2	
GLCA0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/81-06/11/81	0	1	
GLCA0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	0	21	
GLCA0027	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/80-02/26/82	1	8	
GLCA0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/53-09/11/53	0	1	
GLCA0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/53-09/11/53	0	1	
GLCA0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/53-09/13/53	0	1	
GLCA0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	0	1	
GLCA0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/02/75	0	33	
GLCA0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	0	1	
GLCA0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	0	1	
GLCA0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	0	24	
GLCA0040	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/30/77	0	17	
GLCA0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/31/77	0	32	
GLCA0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	0	8	
GLCA0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	0	1	
GLCA0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	0	10	
GLCA0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	0	7	
GLCA0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	0	1	
GLCA0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/77-04/03/77	0	15	
GLCA0049	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-04/08/77	0	38	
GLCA0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/54-09/23/68	14	2	
GLCA0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	0	28	
GLCA0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/77-03/31/77	0	1	
GLCA0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	0	9	
GLCA0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-03/30/77	0	25	
GLCA0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/07/77	0	13	
GLCA0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-04/07/77	0	41	
GLCA0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	0	17	
GLCA0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/07/77	0	15	
GLCA0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/06/77	0	20	
GLCA0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	0	7	
GLCA0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	0	19	
GLCA0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/81-10/24/81	0	1	
GLCA0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	0	13	
GLCA0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	0	14	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/08/77	0	19	
GLCA0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	0	12	
GLCA0077	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	0	12	
GLCA0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	0	1	
GLCA0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/05/77	0	14	
GLCA0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/05/77	0	12	
GLCA0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/08/77	0	19	
GLCA0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-06/09/76	0	8	
GLCA0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	0	8	
GLCA0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	0	7	
GLCA0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	0	5	
GLCA0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	0	7	
GLCA0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	0	5	
GLCA0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	0	5	
GLCA0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/07/76	0	4	
GLCA0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/03/75	0	23	
GLCA0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	0	8	
GLCA0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/31/77	0	17	
GLCA0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-06/15/82	3	5	
GLCA0117	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/80-03/11/81	1	9	
GLCA0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/02/75	0	19	
GLCA0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/80-10/19/80	0	3	
GLCA0126	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/75-08/17/75	0	1	
GLCA0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/80-09/11/80	0	2	
GLCA0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/75-08/19/75	0	1	
GLCA0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/75-08/19/75	0	1	
GLCA0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	0	1	
GLCA0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-03/11/81	0	7	
GLCA0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-07/12/90	12	42	
GLCA0147	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/48-10/03/48	0	1	
GLCA0149	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/77-11/09/77	0	3	
GLCA0152	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	9	43	
GLCA0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/76-01/06/76	0	1	
GLCA0154	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/63-06/09/63	0	1	
GLCA0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/63-06/09/63	0	1	
GLCA0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
GLCA0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
GLCA0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GLCA0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	9	3010	
GLCA0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	21	151	
GLCA0167	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-04/30/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-04/30/92	0	3	
GLCA0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-05/01/92	0	3	
GLCA0171	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/92-05/02/92	0	1	
GLCA0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
GLCA0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
GLCA0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-05/04/92	0	3	
GLCA0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/69-09/03/69	0	1	
GLCA0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/91-05/14/91	0	1	
GLCA0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/91-05/03/92	0	3	
GLCA0184	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/77-10/22/77	0	1	
GLCA0185	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	0	1	
GLCA0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	14	36	
GLCA0018	Yes	00023	SAMPLE WEIGHT IN POUNDS	12/07/71-12/07/71	0	4	
GLCA0089	Yes	00023	SAMPLE WEIGHT IN POUNDS	11/02/71-11/29/71	0	7	
GLCA0166	No	00023	SAMPLE WEIGHT IN POUNDS	12/01/71-04/27/72	0	9	
GLCA0039	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-06/09/76	0	1	
GLCA0040	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/30/77-03/30/77	0	1	
GLCA0041	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	0	1	
GLCA0049	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	0	1	
GLCA0050	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	0	1	
GLCA0053	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-04/04/77	0	2	
GLCA0056	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-03/30/77	0	2	
GLCA0059	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	0	1	
GLCA0060	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	0	1	
GLCA0061	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-06/09/76	0	1	
GLCA0063	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/11/76-03/30/77	0	2	
GLCA0067	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0068	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	0	1	
GLCA0070	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0073	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0074	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0077	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0083	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	0	1	
GLCA0112	Yes	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	0	1	
GLCA0090	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0103	Yes	00055	VELOCITY, STREAM FT/SEC	06/08/76-06/08/76	0	1	
GLCA0108	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	0	1	
GLCA0127	No	00058	FLOW, RATE GALLONS/MIN	06/16/80-06/16/80	0	1	
GLCA0173	Yes	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
GLCA0026	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/59-04/21/59	0	1	
GLCA0028	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/53-09/11/53	0	1	
GLCA0029	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/53-09/11/53	0	1	
GLCA0032	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	0	1	
GLCA0034	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	0	1	
GLCA0035	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	0	1	
GLCA0052	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/17/54-09/17/54	0	1	
GLCA0058	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	11/23/57-11/23/57	0	1	
GLCA0065	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	12/13/57-12/13/57	0	1	
GLCA0115	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/04/48-10/04/48	0	1	
GLCA0120	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/09/57-09/09/57	0	1	
GLCA0126	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/17/75-08/17/75	0	1	
GLCA0131	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/26/59-04/26/59	0	1	
GLCA0132	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/13/60-05/13/60	0	1	
GLCA0134	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/23/47-09/23/47	0	1	
GLCA0143	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/23/59-04/23/59	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0147	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/25/47-06/25/47	0	1	
GLCA0154	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/09/63-06/09/63	0	1	
GLCA0181	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/03/69-09/03/69	0	1	
GLCA0185	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/04/70-03/04/70	0	1	
GLCA0004	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	52	1179	T,A,S
GLCA0009	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	26	124	T,S
GLCA0012	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	5	295	
GLCA0051	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	04/21/59-04/21/59	0	1	
GLCA0140	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/01/50-09/21/56	5	207	
GLCA0165	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/05/69-09/24/74	5	41	
GLCA0004	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	45	438	
GLCA0009	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	42	97	
GLCA0011	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/05/89-10/10/89	0	22	
GLCA0031	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/31/74-05/31/74	0	1	
GLCA0037	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/29/74-05/29/74	0	1	
GLCA0057	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/31/74-05/31/74	0	1	
GLCA0114	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-09/11/80	1	3	
GLCA0124	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/80-10/19/80	0	3	
GLCA0126	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/75-08/17/75	0	1	
GLCA0130	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/80-09/11/80	0	2	
GLCA0131	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/75-08/19/75	0	1	
GLCA0134	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/75-08/18/75	0	1	
GLCA0139	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/51-08/27/52	0	36	
GLCA0142	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-06/15/82	3	4	
GLCA0150	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-07/12/90	0	1	
GLCA0153	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/76-01/06/76	0	1	
GLCA0156	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	0	2	
GLCA0158	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/12/80	0	1	
GLCA0161	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/31/76	0	4	
GLCA0162	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/28/75-08/10/76	1	7	
GLCA0163	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-07/12/90	0	1	
GLCA0164	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	7	116	
GLCA0165	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	21	163	
GLCA0186	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/30/84-04/06/87	2	7	
GLCA0039	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	0	2	
GLCA0040	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/30/77	0	2	
GLCA0041	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/31/77	0	3	
GLCA0042	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	0	1	
GLCA0044	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	0	1	
GLCA0048	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	04/03/77-04/03/77	0	2	
GLCA0049	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	0	1	
GLCA0050	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-04/08/77	0	4	
GLCA0053	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	0	3	
GLCA0054	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	03/31/77-03/31/77	0	1	
GLCA0055	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	0	1	
GLCA0056	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	0	3	
GLCA0059	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/07/77	0	2	
GLCA0060	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	0	1	
GLCA0061	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/06/77	0	2	
GLCA0062	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/07/77	0	2	
GLCA0063	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-04/07/77	0	4	
GLCA0064	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	0	2	
GLCA0067	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/07/77	0	2	
GLCA0068	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/06/77	0	2	
GLCA0069	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	0	1	
GLCA0070	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	0	3	
GLCA0072	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	0	2	
GLCA0073	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	0	2	
GLCA0074	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/08/77	0	3	
GLCA0076	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	0	2	
GLCA0077	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	0	2	
GLCA0079	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	0	2	
GLCA0080	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/05/77	0	2	
GLCA0081	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/05/77	0	2	
GLCA0083	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/08/77	0	2	
GLCA0084	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-06/09/76	0	1	
GLCA0085	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	0	1	
GLCA0086	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0087	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	0	3	
GLCA0088	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	0	3	
GLCA0090	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	0	2	
GLCA0093	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	0	3	
GLCA0102	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	0	2	
GLCA0103	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	0	2	
GLCA0104	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/07/76	0	2	
GLCA0105	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-06/08/76	0	1	
GLCA0108	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	0	1	
GLCA0112	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/31/77	0	2	
GLCA0004	Yes	00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	10	93	
GLCA0009	Yes	00065	STAGE, STREAM (FEET)	09/13/90-09/24/90	0	3	
GLCA0011	Yes	00065	STAGE, STREAM (FEET)	10/05/89-10/10/89	0	22	
GLCA0014	Yes	00065	STAGE, STREAM (FEET)	12/01/80-12/01/80	0	1	
GLCA0017	Yes	00065	STAGE, STREAM (FEET)	12/04/80-12/04/80	0	1	
GLCA0027	Yes	00065	STAGE, STREAM (FEET)	12/04/80-12/04/80	0	1	
GLCA0038	Yes	00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	0	1	
GLCA0045	Yes	00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	0	1	
GLCA0110	Yes	00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	0	1	
GLCA0119	Yes	00065	STAGE, STREAM (FEET)	02/03/80-12/03/80	0	2	
GLCA0141	Yes	00065	STAGE, STREAM (FEET)	12/02/80-12/02/80	0	1	
GLCA0014	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/01/80-12/01/80	0	1	
GLCA0017	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/04/80-12/04/80	0	1	
GLCA0027	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/04/80-12/04/80	0	1	
GLCA0038	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	0	1	
GLCA0045	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	0	1	
GLCA0110	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	0	1	
GLCA0119	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	02/03/80-12/03/80	0	2	
GLCA0141	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/02/80-12/02/80	0	1	
GLCA0004	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/74-05/03/78	4	30	
GLCA0009	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/15/77-04/18/79	1	18	
GLCA0012	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	8	282	
GLCA0129	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/07/74-03/07/74	0	1	
GLCA0160	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/01/68-07/01/68	0	1	
GLCA0010	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	0	26	
GLCA0015	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/01/75	0	22	
GLCA0019	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/02/75	0	17	
GLCA0025	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	0	21	
GLCA0033	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/02/75	0	25	
GLCA0047	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-11/24/75	0	17	
GLCA0066	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-11/24/75	0	13	
GLCA0082	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-11/24/75	0	8	
GLCA0107	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/03/75	0	16	
GLCA0113	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/04/75	0	15	
GLCA0117	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	0	17	
GLCA0121	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	0	16	
GLCA0123	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/02/75	0	14	
GLCA0138	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/03/75	0	25	
GLCA0149	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	0	10	
GLCA0004	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	14	119	
GLCA0009	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/79-11/15/79	0	7	
GLCA0011	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/89-10/10/89	0	6	
GLCA0014	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	0	7	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0039	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	0	10	
GLCA0040	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-03/30/77	0	7	
GLCA0041	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	0	6	
GLCA0045	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	0	7	
GLCA0048	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/77-04/03/77	0	12	
GLCA0050	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-04/08/77	0	12	
GLCA0053	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/04/77-04/07/77	0	11	
GLCA0054	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	0	1	
GLCA0056	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-04/07/77	0	11	
GLCA0059	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	0	10	
GLCA0061	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	0	10	
GLCA0063	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-04/07/77	0	12	
GLCA0067	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	0	6	
GLCA0068	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	0	4	
GLCA0070	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	0	10	
GLCA0072	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	0	4	
GLCA0073	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	0	5	
GLCA0074	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/08/77	0	8	
GLCA0076	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	5	
GLCA0077	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	0	4	
GLCA0079	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	5	
GLCA0081	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	4	
GLCA0083	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/77-04/08/77	0	8	
GLCA0086	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	3	
GLCA0087	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	2	
GLCA0088	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	1	
GLCA0101	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	0	1	
GLCA0110	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-05/18/82	2	11	
GLCA0112	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	0	6	
GLCA0114	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	0	9	
GLCA0128	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/80-05/19/82	2	8	
GLCA0142	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-07/12/90	12	42	
GLCA0150	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	9	42	
GLCA0156	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	0	2	
GLCA0158	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/12/80	0	1	
GLCA0163	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-07/12/90	0	1	
GLCA0164	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	9	126	
GLCA0167	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-04/30/92	0	3	
GLCA0170	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-05/01/92	0	3	
GLCA0171	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/02/92	0	2	
GLCA0175	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/04/92	0	3	
GLCA0177	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-05/04/92	0	3	
GLCA0178	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/04/92	0	3	
GLCA0182	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/14/91	0	1	
GLCA0183	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/03/92	0	3	
GLCA0186	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	14	39	
GLCA0010	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	0	3	
GLCA0015	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/01/75	0	3	
GLCA0019	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	0	3	
GLCA0022	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/02/75	0	3	
GLCA0023	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-04/16/75	0	1	
GLCA0024	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/02/75	0	3	
GLCA0025	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	0	2	
GLCA0033	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/02/75	0	4	
GLCA0039	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/77-04/07/77	0	1	
GLCA0040	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/30/77	0	2	
GLCA0041	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/31/77	0	3	
GLCA0042	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	0	1	
GLCA0044	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	0	1	
GLCA0047	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	0	3	
GLCA0048	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/03/77-04/03/77	0	2	
GLCA0050	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-04/08/77	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0053	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/04/77-04/07/77	0	2	
GLCA0055	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	0	1	
GLCA0056	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/30/77-04/07/77	0	2	
GLCA0059	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/77-04/07/77	0	1	
GLCA0061	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/06/77-04/06/77	0	1	
GLCA0062	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-04/07/77	0	2	
GLCA0063	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/06/76-04/07/77	0	3	
GLCA0064	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	0	1	
GLCA0066	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	0	3	
GLCA0067	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/07/77	0	2	
GLCA0068	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/06/77-04/06/77	0	1	
GLCA0069	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-06/10/76	0	1	
GLCA0070	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	0	3	
GLCA0072	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-04/07/77	0	2	
GLCA0073	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	0	2	
GLCA0074	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/07/77	0	2	
GLCA0076	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	0	2	
GLCA0077	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	0	2	
GLCA0079	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	0	2	
GLCA0080	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	0	1	
GLCA0081	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-04/05/77	0	2	
GLCA0082	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	0	3	
GLCA0083	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/08/77	0	2	
GLCA0084	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	0	1	
GLCA0085	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-06/10/76	0	1	
GLCA0086	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	0	2	
GLCA0087	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	0	3	
GLCA0088	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	0	3	
GLCA0091	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	0	2	
GLCA0093	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	0	3	
GLCA0102	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	0	2	
GLCA0103	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	0	2	
GLCA0104	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/07/76	0	2	
GLCA0105	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-06/08/76	0	1	
GLCA0107	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/03/75	0	3	
GLCA0108	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	0	1	
GLCA0112	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/31/77	0	2	
GLCA0113	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/04/75	0	3	
GLCA0117	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/03/75	0	3	
GLCA0121	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/03/75	0	4	
GLCA0122	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/03/75	0	3	
GLCA0123	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/02/75	0	4	
GLCA0138	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/03/75	0	3	
GLCA0149	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/03/75	0	3	
GLCA0027	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/10/80-04/10/80	0	1	
GLCA0038	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	0	1	
GLCA0045	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	0	1	
GLCA0110	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	0	1	
GLCA0119	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	0	1	
GLCA0141	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/80-04/08/80	0	1	
GLCA0146	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/03/85-09/03/85	0	1	
GLCA0152	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/80-04/08/80	0	1	
GLCA0004	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/01/50-10/01/70	20	82	
GLCA0012	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	8	249	
GLCA0051	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/21/59-04/21/59	0	1	
GLCA0111	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/01/51-10/21/52	1	53	
GLCA0140	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/50-09/21/51	0	26	
GLCA0010	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	0	26	
GLCA0014	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	8	34	
GLCA0015	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	02/26/82-02/26/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0019	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/10/80-02/26/82	1	4	
GLCA0033	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/02/75	0	28	
GLCA0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	0	3	
GLCA0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	24	
GLCA0040	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/30/77-03/30/77	0	8	
GLCA0041	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/06/76-03/31/77	0	23	
GLCA0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	0	2	
GLCA0047	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/03/77-04/03/77	0	15	
GLCA0049	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/06/76-04/08/77	0	29	
GLCA0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	28	
GLCA0056	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	30	
GLCA0059	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	0	7	
GLCA0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/11/76-04/07/77	0	41	
GLCA0064	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	0	6	
GLCA0066	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/07/77	0	15	
GLCA0068	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-04/06/77	0	20	
GLCA0070	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	19	
GLCA0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	0	6	
GLCA0073	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	14	
GLCA0074	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/08/77	0	19	
GLCA0076	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	6	
GLCA0077	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	12	
GLCA0079	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	5	
GLCA0080	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	7	
GLCA0081	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	6	
GLCA0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/08/77	0	19	
GLCA0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	3	
GLCA0087	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	2	
GLCA0088	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	1	
GLCA0101	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	0	1	
GLCA0107	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/03/75	0	22	
GLCA0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	0	3	
GLCA0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/77-03/31/77	0	9	
GLCA0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	1	4	
GLCA0117	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	0	3	
GLCA0121	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/02/75	0	19	
GLCA0125	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/19/80-10/19/80	0	3	
GLCA0127	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-04/08/80	0	3	
GLCA0142	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-03/18/80	0	3	
GLCA0146	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-07/12/90	12	40	
GLCA0149	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-07/12/90	0	1	
GLCA0152	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	9	42	
GLCA0156	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
GLCA0158	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
GLCA0163	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-07/12/90	0	1	
GLCA0164	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	9	1585	
GLCA0167	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-04/30/92	0	3	
GLCA0170	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-05/01/92	0	3	
GLCA0171	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	05/02/92-05/02/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0175	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/91-05/04/92	0	3	
GLCA0177	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-05/04/92	0	3	
GLCA0178	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/91-05/04/92	0	3	
GLCA0183	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/27/91-05/03/92	0	2	
GLCA0186	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/03/92	14	33	
GLCA0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	50	1001	T,A,S
GLCA0009	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	32	102	S
GLCA0011	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/68-11/10/69	1	19	
GLCA0014	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	8	41	
GLCA0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/85-05/29/85	0	1	
GLCA0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/77-12/05/77	0	3	
GLCA0021	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/10/80-02/26/82	1	8	
GLCA0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/53-09/11/53	0	1	
GLCA0029	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/53-09/11/53	0	1	
GLCA0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/53-09/13/53	0	1	
GLCA0031	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/31/74-05/31/74	0	1	
GLCA0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	0	1	
GLCA0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	0	1	
GLCA0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	22	
GLCA0040	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/31/77	0	7	
GLCA0042	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	0	7	
GLCA0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	0	1	
GLCA0044	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	0	7	
GLCA0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	0	1	
GLCA0048	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	9	
GLCA0050	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-04/08/77	0	18	
GLCA0051	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/59-04/21/59	0	1	
GLCA0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/54-09/23/68	14	2	
GLCA0053	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	23	
GLCA0054	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/77-03/31/77	0	1	
GLCA0055	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	24	
GLCA0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/31/74-05/31/74	0	1	
GLCA0058	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/23/57-11/23/57	0	1	
GLCA0059	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/06/77	0	19	
GLCA0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-04/07/77	0	26	
GLCA0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	0	8	
GLCA0065	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/13/57-12/13/57	0	1	
GLCA0067	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-04/06/77	0	20	
GLCA0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	17	
GLCA0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/24/81-10/24/81	0	1	
GLCA0072	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	0	11	
GLCA0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	0	11	
GLCA0078	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	0	1	
GLCA0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/05/77	0	10	
GLCA0083	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/08/77	0	19	
GLCA0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/08/76-04/05/77	0	8	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0087	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	0	5	
GLCA0092	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	0	3	
GLCA0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	0	3	
GLCA0110	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/51-09/21/53	2	83	
GLCA0112	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/31/77	0	11	
GLCA0114	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	0	9	
GLCA0120	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/81-10/22/81	0	1	
GLCA0126	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/75-08/17/75	0	1	
GLCA0129	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/80-09/11/80	0	2	
GLCA0131	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/59-08/19/75	16	2	
GLCA0132	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/60-05/13/60	0	1	
GLCA0134	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-04/27/59	0	1	
GLCA0139	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/50-09/21/56	5	207	
GLCA0141	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/80-05/19/82	2	8	
GLCA0142	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-06/15/82	3	4	
GLCA0143	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-07/12/90	12	45	
GLCA0147	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/48-10/03/48	0	1	
GLCA0150	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	9	44	
GLCA0153	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/76-01/06/76	0	1	
GLCA0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/63-06/09/63	0	1	
GLCA0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-05/13/75	16	3	
GLCA0156	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
GLCA0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/68-07/01/68	0	1	
GLCA0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-07/12/90	0	1	
GLCA0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	9	141	
GLCA0165	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	21	151	
GLCA0167	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-04/30/92	0	3	
GLCA0170	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-05/01/92	0	3	
GLCA0171	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
GLCA0175	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
GLCA0177	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-05/04/92	0	3	
GLCA0178	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/69-09/03/69	0	1	
GLCA0182	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/14/91	0	1	
GLCA0183	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/03/92	0	3	
GLCA0184	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/77-10/22/77	0	1	
GLCA0185	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	0	1	
GLCA0186	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	14	39	
GLCA0039	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0040	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0041	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0042	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0044	No	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0048	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0049	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0050	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0053	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0054	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0055	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0056	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0059	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0060	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0061	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0062	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0063	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0064	No	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0067	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0068	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0069	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0070	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0072	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0073	No	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0074	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0076	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0077	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0079	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0081	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0083	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0084	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0085	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0086	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0087	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0088	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0090	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0093	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0102	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0103	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0104	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0105	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0108	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0112	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	0	1	
GLCA0040	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/30/77	0	17	
GLCA0041	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	0	18	
GLCA0042	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	0	8	
GLCA0044	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	0	10	
GLCA0048	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/03/77-04/03/77	0	15	
GLCA0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	0	20	
GLCA0053	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/04/77-04/04/77	0	10	
GLCA0055	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	0	9	
GLCA0056	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/30/77-03/30/77	0	12	
GLCA0062	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-04/07/77	0	13	
GLCA0063	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/30/77-03/30/77	0	10	
GLCA0064	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/07/77	0	17	
GLCA0067	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/07/77-04/07/77	0	6	
GLCA0069	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-06/10/76	0	7	
GLCA0070	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	0	12	
GLCA0072	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/07/77	0	13	
GLCA0073	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	0	7	
GLCA0074	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/07/77-04/07/77	0	8	
GLCA0076	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	0	12	
GLCA0077	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	0	5	
GLCA0079	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/05/77	0	14	
GLCA0081	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/05/77	0	12	
GLCA0084	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-06/09/76	0	8	
GLCA0085	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	0	8	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0087	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-04/05/77	0	7	
GLCA0092	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	0	5	
GLCA0101	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-04/05/77	0	7	
GLCA0102	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	0	5	
GLCA0103	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	0	5	
GLCA0104	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/07/76	0	4	
GLCA0106	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-06/08/76	0	3	
GLCA0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	0	17	
GLCA0004	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	24	153	T,S
GLCA0009	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/69-11/15/79	10	33	
GLCA0010	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00300	OXYGEN, DISSOLVED MG/L	10/05/89-10/10/89	0	22	
GLCA0012	Yes	00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	4	124	
GLCA0014	Yes	00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	8	37	
GLCA0015	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/01/75	0	20	
GLCA0017	Yes	00300	OXYGEN, DISSOLVED MG/L	05/07/80-02/26/82	1	5	
GLCA0019	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00300	OXYGEN, DISSOLVED MG/L	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00300	OXYGEN, DISSOLVED MG/L	04/10/80-03/12/81	0	7	
GLCA0033	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/02/75	0	32	
GLCA0038	Yes	00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	0	22	
GLCA0040	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/31/77	0	7	
GLCA0042	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	0	7	
GLCA0044	No	00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00300	OXYGEN, DISSOLVED MG/L	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-04/08/77	0	19	
GLCA0053	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	0	25	
GLCA0059	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/06/77	0	20	
GLCA0062	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	0	5	
GLCA0063	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-04/07/77	0	24	
GLCA0064	No	00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-04/06/77	0	20	
GLCA0069	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	0	17	
GLCA0072	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	0	11	
GLCA0073	No	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/08/77	0	19	
GLCA0084	Yes	00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	0	5	
GLCA0085	Yes	00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00300	OXYGEN, DISSOLVED MG/L	06/07/76-04/05/77	0	8	
GLCA0088	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	0	5	
GLCA0092	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	0	3	
GLCA0101	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/03/75	0	23	
GLCA0110	Yes	00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	0	8	
GLCA0112	Yes	00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/31/77	0	11	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0113	Yes	00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	1	4	
GLCA0117	Yes	00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00300	OXYGEN, DISSOLVED MG/L	02/03/80-03/11/81	1	9	
GLCA0121	Yes	00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/03/75	0	25	
GLCA0122	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/02/75	0	18	
GLCA0125	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/80-10/19/80	0	3	
GLCA0127	No	00300	OXYGEN, DISSOLVED MG/L	06/16/80-06/16/80	0	1	
GLCA0130	Yes	00300	OXYGEN, DISSOLVED MG/L	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00300	OXYGEN, DISSOLVED MG/L	04/08/80-03/11/81	0	7	
GLCA0142	No	00300	OXYGEN, DISSOLVED MG/L	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00300	OXYGEN, DISSOLVED MG/L	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00300	OXYGEN, DISSOLVED MG/L	01/18/78-07/12/90	12	40	
GLCA0149	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00300	OXYGEN, DISSOLVED MG/L	03/16/77-11/09/77	0	3	
GLCA0152	Yes	00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	9	40	
GLCA0156	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
GLCA0158	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
GLCA0163	No	00300	OXYGEN, DISSOLVED MG/L	07/12/90-07/12/90	0	1	
GLCA0164	No	00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	8	115	
GLCA0165	No	00300	OXYGEN, DISSOLVED MG/L	08/05/69-08/26/75	6	9	
GLCA0167	No	00300	OXYGEN, DISSOLVED MG/L	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00300	OXYGEN, DISSOLVED MG/L	05/13/91-04/30/92	0	3	
GLCA0170	No	00300	OXYGEN, DISSOLVED MG/L	05/13/91-05/01/92	0	3	
GLCA0171	No	00300	OXYGEN, DISSOLVED MG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	00300	OXYGEN, DISSOLVED MG/L	05/12/91-05/04/92	0	3	
GLCA0177	No	00300	OXYGEN, DISSOLVED MG/L	05/13/91-05/04/92	0	3	
GLCA0178	No	00300	OXYGEN, DISSOLVED MG/L	05/12/91-05/04/92	0	3	
GLCA0182	No	00300	OXYGEN, DISSOLVED MG/L	05/14/91-05/14/91	0	1	
GLCA0183	No	00300	OXYGEN, DISSOLVED MG/L	05/14/91-05/03/92	0	3	
GLCA0186	No	00300	OXYGEN, DISSOLVED MG/L	04/12/78-10/13/92	14	26	
GLCA0004	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	18	28	
GLCA0012	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/29/62-05/25/66	3	70	
GLCA0014	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/79-08/15/79	0	4	
GLCA0114	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	0	3	
GLCA0118	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	0	2	
GLCA0130	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/18/80-03/18/80	0	1	
GLCA0139	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	0	2	
GLCA0142	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	0	3	
GLCA0145	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/78-08/23/79	1	7	
GLCA0151	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/77-11/09/77	0	4	
GLCA0152	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/78-08/23/79	1	7	
GLCA0158	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	0	1	
GLCA0164	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-10/16/79	1	15	
GLCA0186	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/13/78-10/25/78	0	2	
GLCA0017	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/04/80-12/04/80	0	1	
GLCA0027	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/04/80-12/04/80	0	1	
GLCA0038	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	0	1	
GLCA0045	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	0	1	
GLCA0110	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	0	1	
GLCA0119	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	02/03/80-12/03/80	0	2	
GLCA0141	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	12/02/80-12/02/80	0	1	
GLCA0012	Yes	00335	COD, .025N K2CR2O7 MG/L	08/09/65-08/09/65	0	1	
GLCA0014	Yes	00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	8	38	
GLCA0017	Yes	00335	COD, .025N K2CR2O7 MG/L	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00335	COD, .025N K2CR2O7 MG/L	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00335	COD, .025N K2CR2O7 MG/L	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00335	COD, .025N K2CR2O7 MG/L	04/09/80-03/11/81	0	7	
GLCA0110	Yes	00335	COD, .025N K2CR2O7 MG/L	04/09/80-05/18/82	2	11	
GLCA0114	Yes	00335	COD, .025N K2CR2O7 MG/L	03/18/80-06/15/82	2	3	
GLCA0118	Yes	00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	0	2	
GLCA0119	Yes	00335	COD, .025N K2CR2O7 MG/L	02/03/80-03/11/81	1	10	
GLCA0130	Yes	00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	0	2	
GLCA0141	Yes	00335	COD, .025N K2CR2O7 MG/L	04/08/80-05/19/82	2	8	
GLCA0142	No	00335	COD, .025N K2CR2O7 MG/L	03/18/80-06/15/82	2	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0145	Yes	00335	COD, .025N K2CR2O7 MG/L	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00335	COD, .025N K2CR2O7 MG/L	01/18/78-07/12/90	12	43	
GLCA0150	Yes	00335	COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00335	COD, .025N K2CR2O7 MG/L	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	9	44	
GLCA0158	No	00335	COD, .025N K2CR2O7 MG/L	06/12/80-06/12/80	0	1	
GLCA0163	No	00335	COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	0	1	
GLCA0164	No	00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	8	125	
GLCA0186	No	00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	12	28	
GLCA0004	Yes	00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	8	57	
GLCA0012	Yes	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	02/08/65-02/08/65	0	1	
GLCA0012	Yes	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	07/10/61-02/08/65	3	2	
GLCA0001	No	00400	PH (STANDARD UNITS)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00400	PH (STANDARD UNITS)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00400	PH (STANDARD UNITS)	10/12/47-09/07/93	45	867	T,A,S
GLCA0009	Yes	00400	PH (STANDARD UNITS)	10/21/69-11/15/79	10	42	
GLCA0010	Yes	00400	PH (STANDARD UNITS)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00400	PH (STANDARD UNITS)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00400	PH (STANDARD UNITS)	11/23/59-05/25/66	6	311	
GLCA0014	Yes	00400	PH (STANDARD UNITS)	05/10/78-11/12/86	8	32	
GLCA0015	Yes	00400	PH (STANDARD UNITS)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00400	PH (STANDARD UNITS)	02/26/82-02/26/82	0	1	
GLCA0019	Yes	00400	PH (STANDARD UNITS)	04/15/75-12/02/75	0	28	
GLCA0020	Yes	00400	PH (STANDARD UNITS)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00400	PH (STANDARD UNITS)	03/23/73-06/11/81	8	3	
GLCA0022	Yes	00400	PH (STANDARD UNITS)	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00400	PH (STANDARD UNITS)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00400	PH (STANDARD UNITS)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00400	PH (STANDARD UNITS)	04/15/75-12/02/75	0	22	
GLCA0026	Yes	00400	PH (STANDARD UNITS)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00400	PH (STANDARD UNITS)	02/26/82-02/26/82	0	1	
GLCA0031	No	00400	PH (STANDARD UNITS)	05/31/74-05/31/74	0	1	
GLCA0033	Yes	00400	PH (STANDARD UNITS)	04/28/75-12/02/75	0	33	
GLCA0036	Yes	00400	PH (STANDARD UNITS)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00400	PH (STANDARD UNITS)	05/29/74-05/29/74	0	1	
GLCA0040	Yes	00400	PH (STANDARD UNITS)	06/11/76-03/30/77	0	17	
GLCA0041	Yes	00400	PH (STANDARD UNITS)	06/11/76-03/31/77	0	32	
GLCA0042	Yes	00400	PH (STANDARD UNITS)	06/11/76-06/11/76	0	8	
GLCA0044	No	00400	PH (STANDARD UNITS)	06/11/76-06/11/76	0	10	
GLCA0045	Yes	00400	PH (STANDARD UNITS)	04/09/80-04/09/80	0	2	
GLCA0047	Yes	00400	PH (STANDARD UNITS)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00400	PH (STANDARD UNITS)	04/03/77-04/03/77	0	15	
GLCA0050	Yes	00400	PH (STANDARD UNITS)	06/11/76-03/31/77	0	32	
GLCA0051	Yes	00400	PH (STANDARD UNITS)	04/21/59-04/21/59	0	1	
GLCA0053	Yes	00400	PH (STANDARD UNITS)	04/04/77-04/04/77	0	10	
GLCA0055	Yes	00400	PH (STANDARD UNITS)	06/11/76-06/11/76	0	9	
GLCA0056	Yes	00400	PH (STANDARD UNITS)	03/30/77-03/30/77	0	12	
GLCA0057	Yes	00400	PH (STANDARD UNITS)	05/31/74-05/31/74	0	1	
GLCA0058	No	00400	PH (STANDARD UNITS)	11/23/57-11/23/57	0	1	
GLCA0062	Yes	00400	PH (STANDARD UNITS)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00400	PH (STANDARD UNITS)	12/06/76-03/30/77	0	22	
GLCA0064	No	00400	PH (STANDARD UNITS)	06/09/76-04/07/77	0	17	
GLCA0065	No	00400	PH (STANDARD UNITS)	12/13/57-12/13/57	0	1	
GLCA0066	Yes	00400	PH (STANDARD UNITS)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00400	PH (STANDARD UNITS)	04/07/77-04/07/77	0	7	
GLCA0069	Yes	00400	PH (STANDARD UNITS)	06/10/76-06/10/76	0	7	
GLCA0070	Yes	00400	PH (STANDARD UNITS)	04/06/77-04/06/77	0	12	
GLCA0071	No	00400	PH (STANDARD UNITS)	10/24/81-10/24/81	0	1	
GLCA0072	Yes	00400	PH (STANDARD UNITS)	06/09/76-04/07/77	0	13	
GLCA0073	No	00400	PH (STANDARD UNITS)	04/06/77-04/06/77	0	7	
GLCA0074	Yes	00400	PH (STANDARD UNITS)	04/07/77-04/07/77	0	8	
GLCA0076	Yes	00400	PH (STANDARD UNITS)	06/08/76-04/05/77	0	12	
GLCA0077	Yes	00400	PH (STANDARD UNITS)	04/06/77-04/06/77	0	5	
GLCA0079	Yes	00400	PH (STANDARD UNITS)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00400	PH (STANDARD UNITS)	06/09/76-04/05/77	0	14	
GLCA0081	Yes	00400	PH (STANDARD UNITS)	06/09/76-04/05/77	0	12	
GLCA0082	Yes	00400	PH (STANDARD UNITS)	04/28/75-11/24/75	0	13	
GLCA0084	Yes	00400	PH (STANDARD UNITS)	06/09/76-06/09/76	0	8	
GLCA0085	Yes	00400	PH (STANDARD UNITS)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00400	PH (STANDARD UNITS)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00400	PH (STANDARD UNITS)	06/07/76-04/05/77	0	8	
GLCA0088	Yes	00400	PH (STANDARD UNITS)	06/07/76-04/05/77	0	7	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0090	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00400	PH (STANDARD UNITS)	06/07/76-06/08/76	0	5	
GLCA0093	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00400	PH (STANDARD UNITS)	06/07/76-04/05/77	0	7	
GLCA0102	Yes	00400	PH (STANDARD UNITS)	06/07/76-06/08/76	0	5	
GLCA0103	Yes	00400	PH (STANDARD UNITS)	06/07/76-06/08/76	0	5	
GLCA0104	Yes	00400	PH (STANDARD UNITS)	06/07/76-06/07/76	0	4	
GLCA0105	Yes	00400	PH (STANDARD UNITS)	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00400	PH (STANDARD UNITS)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00400	PH (STANDARD UNITS)	04/29/75-12/03/75	0	23	
GLCA0110	Yes	00400	PH (STANDARD UNITS)	04/09/80-04/09/80	0	3	
GLCA0111	Yes	00400	PH (STANDARD UNITS)	03/01/51-09/11/53	2	63	
GLCA0112	Yes	00400	PH (STANDARD UNITS)	06/11/76-03/31/77	0	17	
GLCA0113	Yes	00400	PH (STANDARD UNITS)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00400	PH (STANDARD UNITS)	05/01/79-06/15/82	3	4	
GLCA0115	Yes	00400	PH (STANDARD UNITS)	09/10/57-09/10/57	0	1	
GLCA0117	Yes	00400	PH (STANDARD UNITS)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00400	PH (STANDARD UNITS)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00400	PH (STANDARD UNITS)	04/09/80-04/09/80	0	3	
GLCA0120	Yes	00400	PH (STANDARD UNITS)	09/09/57-09/09/57	0	1	
GLCA0121	Yes	00400	PH (STANDARD UNITS)	04/16/75-12/03/75	0	21	
GLCA0122	Yes	00400	PH (STANDARD UNITS)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00400	PH (STANDARD UNITS)	04/29/75-12/02/75	0	14	
GLCA0124	Yes	00400	PH (STANDARD UNITS)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00400	PH (STANDARD UNITS)	06/19/80-10/19/80	0	3	
GLCA0127	No	00400	PH (STANDARD UNITS)	06/16/80-06/16/80	0	1	
GLCA0129	No	00400	PH (STANDARD UNITS)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00400	PH (STANDARD UNITS)	03/18/80-09/11/80	0	2	
GLCA0131	No	00400	PH (STANDARD UNITS)	04/26/59-04/26/59	0	1	
GLCA0133	Yes	00400	PH (STANDARD UNITS)	05/13/60-05/13/60	0	1	
GLCA0135	Yes	00400	PH (STANDARD UNITS)	09/08/57-09/08/57	0	1	
GLCA0136	Yes	00400	PH (STANDARD UNITS)	04/27/59-04/27/59	0	1	
GLCA0138	Yes	00400	PH (STANDARD UNITS)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00400	PH (STANDARD UNITS)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00400	PH (STANDARD UNITS)	12/01/50-09/21/56	5	141	
GLCA0141	Yes	00400	PH (STANDARD UNITS)	04/08/80-04/08/80	0	2	
GLCA0142	No	00400	PH (STANDARD UNITS)	05/01/79-06/15/82	3	3	
GLCA0143	No	00400	PH (STANDARD UNITS)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00400	PH (STANDARD UNITS)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00400	PH (STANDARD UNITS)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00400	PH (STANDARD UNITS)	01/18/78-07/12/90	12	39	
GLCA0149	Yes	00400	PH (STANDARD UNITS)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00400	PH (STANDARD UNITS)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00400	PH (STANDARD UNITS)	03/16/77-11/09/77	0	3	
GLCA0152	Yes	00400	PH (STANDARD UNITS)	01/18/78-05/26/87	9	42	
GLCA0153	Yes	00400	PH (STANDARD UNITS)	01/06/76-01/06/76	0	1	
GLCA0154	No	00400	PH (STANDARD UNITS)	06/09/63-06/09/63	0	1	
GLCA0155	No	00400	PH (STANDARD UNITS)	04/27/59-06/09/63	4	2	
GLCA0156	No	00400	PH (STANDARD UNITS)	06/12/80-06/12/80	0	1	
GLCA0158	No	00400	PH (STANDARD UNITS)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00400	PH (STANDARD UNITS)	07/01/68-07/01/68	0	1	
GLCA0163	No	00400	PH (STANDARD UNITS)	07/12/90-07/12/90	0	1	
GLCA0164	No	00400	PH (STANDARD UNITS)	01/17/78-09/02/86	8	112	
GLCA0165	No	00400	PH (STANDARD UNITS)	08/05/69-08/04/76	6	25	
GLCA0167	No	00400	PH (STANDARD UNITS)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00400	PH (STANDARD UNITS)	05/13/91-04/30/92	0	3	
GLCA0170	No	00400	PH (STANDARD UNITS)	05/13/91-05/01/92	0	3	
GLCA0171	No	00400	PH (STANDARD UNITS)	05/02/92-05/02/92	0	1	
GLCA0173	Yes	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
GLCA0175	No	00400	PH (STANDARD UNITS)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
GLCA0177	No	00400	PH (STANDARD UNITS)	05/13/91-05/04/92	0	3	
GLCA0178	No	00400	PH (STANDARD UNITS)	05/12/91-05/04/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0181	Yes	00400	PH (STANDARD UNITS)	09/03/69-09/03/69	0	1	
GLCA0182	No	00400	PH (STANDARD UNITS)	05/14/91-05/14/91	0	1	
GLCA0183	No	00400	PH (STANDARD UNITS)	05/14/91-05/03/92	0	3	
GLCA0184	No	00400	PH (STANDARD UNITS)	10/22/77-10/22/77	0	1	
GLCA0185	No	00400	PH (STANDARD UNITS)	03/04/70-03/04/70	0	1	
GLCA0186	No	00400	PH (STANDARD UNITS)	02/13/78-10/13/92	14	22	
GLCA0004	Yes	00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	12	94	
GLCA0011	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/89-10/10/89	0	6	
GLCA0014	Yes	00403	PH, LAB, STANDARD UNITS SU	05/10/78-11/12/86	8	10	
GLCA0021	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/81-06/11/81	0	1	
GLCA0039	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/07/77	0	18	
GLCA0040	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	0	6	
GLCA0044	No	00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	0	6	
GLCA0048	Yes	00403	PH, LAB, STANDARD UNITS SU	04/03/77-04/03/77	0	12	
GLCA0050	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	0	15	
GLCA0053	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/04/77	0	18	
GLCA0054	Yes	00403	PH, LAB, STANDARD UNITS SU	03/31/77-03/31/77	0	1	
GLCA0055	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-03/30/77	0	19	
GLCA0061	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/06/77	0	19	
GLCA0062	Yes	00403	PH, LAB, STANDARD UNITS SU	06/10/76-04/07/77	0	13	
GLCA0063	Yes	00403	PH, LAB, STANDARD UNITS SU	12/06/76-03/30/77	0	7	
GLCA0064	No	00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	0	8	
GLCA0067	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00403	PH, LAB, STANDARD UNITS SU	04/06/77-04/06/77	0	8	
GLCA0069	Yes	00403	PH, LAB, STANDARD UNITS SU	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	0	16	
GLCA0071	No	00403	PH, LAB, STANDARD UNITS SU	10/24/81-10/24/81	0	1	
GLCA0072	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/07/77	0	11	
GLCA0073	No	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/07/77	0	15	
GLCA0076	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	0	9	
GLCA0079	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/05/77	0	10	
GLCA0083	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-06/08/76	0	10	
GLCA0084	Yes	00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00403	PH, LAB, STANDARD UNITS SU	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	0	8	
GLCA0088	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	0	6	
GLCA0090	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0091	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	0	4	
GLCA0093	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0094	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0095	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0096	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0097	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0099	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	0	6	
GLCA0102	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	0	4	
GLCA0103	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	0	4	
GLCA0105	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0106	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/76-06/08/76	0	3	
GLCA0108	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	0	1	
GLCA0112	Yes	00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	0	11	
GLCA0114	Yes	00403	PH, LAB, STANDARD UNITS SU	05/01/79-09/06/79	0	2	
GLCA0118	Yes	00403	PH, LAB, STANDARD UNITS SU	05/01/79-05/01/79	0	1	
GLCA0124	Yes	00403	PH, LAB, STANDARD UNITS SU	10/22/81-10/22/81	0	1	
GLCA0139	Yes	00403	PH, LAB, STANDARD UNITS SU	05/01/79-05/01/79	0	1	
GLCA0142	No	00403	PH, LAB, STANDARD UNITS SU	05/01/79-09/06/79	0	2	
GLCA0145	Yes	00403	PH, LAB, STANDARD UNITS SU	03/16/77-11/09/77	0	6	
GLCA0146	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/78-07/12/90	12	14	
GLCA0150	Yes	00403	PH, LAB, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00403	PH, LAB, STANDARD UNITS SU	03/16/77-06/04/87	10	6	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0152	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/78-05/26/87	9	13	
GLCA0156	No	00403	PH, LAB, STANDARD UNITS SU	08/09/79-08/09/79	0	1	
GLCA0158	No	00403	PH, LAB, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
GLCA0163	No	00403	PH, LAB, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GLCA0164	No	00403	PH, LAB, STANDARD UNITS SU	01/12/77-10/21/86	9	33	
GLCA0167	No	00403	PH, LAB, STANDARD UNITS SU	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00403	PH, LAB, STANDARD UNITS SU	05/13/91-04/30/92	0	3	
GLCA0170	No	00403	PH, LAB, STANDARD UNITS SU	05/13/91-05/01/92	0	3	
GLCA0171	No	00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
GLCA0175	No	00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
GLCA0177	No	00403	PH, LAB, STANDARD UNITS SU	05/13/91-05/04/92	0	3	
GLCA0178	No	00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/04/92	0	3	
GLCA0182	No	00403	PH, LAB, STANDARD UNITS SU	05/14/91-05/14/91	0	1	
GLCA0183	No	00403	PH, LAB, STANDARD UNITS SU	05/14/91-05/03/92	0	3	
GLCA0186	No	00403	PH, LAB, STANDARD UNITS SU	02/13/78-10/13/92	14	24	
GLCA0001	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	22	161	S
GLCA0009	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/69-12/14/78	9	19	
GLCA0014	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/23/73-08/15/73	0	2	
GLCA0026	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/10/80-02/26/82	1	8	
GLCA0031	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/31/74-05/31/74	0	1	
GLCA0058	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/23/57-11/23/57	0	1	
GLCA0065	No	00405	CARBON DIOXIDE (MG/L AS CO2)	12/13/57-12/13/57	0	1	
GLCA0110	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/57-09/10/57	0	1	
GLCA0118	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/80-03/11/81	1	10	
GLCA0120	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/09/57-09/09/57	0	1	
GLCA0129	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/80-09/11/80	0	2	
GLCA0131	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/26/59-04/26/59	0	1	
GLCA0133	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/60-05/13/60	0	1	
GLCA0135	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/57-09/08/57	0	1	
GLCA0136	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-04/27/59	0	1	
GLCA0139	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/08/80-05/19/82	2	8	
GLCA0142	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-06/15/82	3	4	
GLCA0143	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-07/12/90	12	42	
GLCA0150	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	9	42	
GLCA0153	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/06/76-01/06/76	0	1	
GLCA0154	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/09/63-06/09/63	0	1	
GLCA0155	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-06/09/63	4	2	
GLCA0156	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	0	2	
GLCA0158	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/68-07/01/68	0	1	
GLCA0163	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/90-07/12/90	0	1	
GLCA0164	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	9	140	
GLCA0165	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/17/70-08/04/76	5	15	
GLCA0167	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-04/30/92	0	3	
GLCA0170	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-05/01/92	0	3	
GLCA0171	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/02/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0175	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/04/92	0	3	
GLCA0177	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-05/04/92	0	3	
GLCA0178	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/04/92	0	3	
GLCA0182	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/14/91	0	1	
GLCA0183	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/03/92	0	3	
GLCA0184	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/22/77-10/22/77	0	1	
GLCA0185	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	0	1	
GLCA0186	No	00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	14	39	
GLCA0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	64	495	T,S
GLCA0009	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/69-11/15/79	10	34	
GLCA0010	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	0	26	
GLCA0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	8	302	
GLCA0014	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	8	41	
GLCA0015	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/07/80-05/21/82	2	7	
GLCA0019	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	0	28	
GLCA0020	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/73-09/09/77	4	3	
GLCA0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/02/75	0	21	
GLCA0023	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	0	22	
GLCA0026	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/80-02/26/82	1	8	
GLCA0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	0	1	
GLCA0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/53-09/13/53	0	1	
GLCA0031	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0033	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/02/75	0	33	
GLCA0034	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0035	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	0	23	
GLCA0040	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	0	7	
GLCA0044	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-04/08/77	0	20	
GLCA0051	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/54-09/17/54	0	1	
GLCA0053	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	0	24	
GLCA0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0058	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/23/57-11/23/57	0	1	
GLCA0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-04/07/77	0	26	
GLCA0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	0	8	
GLCA0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/57-12/13/57	0	1	
GLCA0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-04/06/77	0	18	
GLCA0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	0	11	
GLCA0073	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	10	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0080	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/08/77	0	18	
GLCA0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/03/75	0	22	
GLCA0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-05/18/82	2	10	
GLCA0112	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/31/77	0	10	
GLCA0113	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/48-10/04/48	0	1	
GLCA0117	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	9	
GLCA0120	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/57-09/09/57	0	1	
GLCA0121	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/02/75	0	19	
GLCA0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/80-10/19/80	0	3	
GLCA0126	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	0	1	
GLCA0127	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/80-06/16/80	0	1	
GLCA0128	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/84-10/15/84	0	1	
GLCA0129	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/80-09/11/80	0	2	
GLCA0131	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/59-08/19/75	16	2	
GLCA0132	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/60-05/13/60	0	1	
GLCA0134	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/47-09/23/47	0	1	
GLCA0138	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-05/19/82	2	8	
GLCA0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	3	4	
GLCA0143	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-07/12/90	12	42	
GLCA0147	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/25/47-06/25/47	0	1	
GLCA0149	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	9	42	
GLCA0153	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/76-01/06/76	0	1	
GLCA0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-05/13/75	16	3	
GLCA0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
GLCA0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
GLCA0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	0	1	
GLCA0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	9	139	
GLCA0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/69-08/04/76	6	19	
GLCA0167	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-05/01/92	0	3	
GLCA0171	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/02/92	0	2	
GLCA0175	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	0	3	
GLCA0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-05/04/92	0	3	
GLCA0178	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/03/69-09/03/69	0	1	
GLCA0182	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	0	1	
GLCA0183	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/14/91-05/03/92	0	3	
GLCA0184	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
GLCA0185	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
GLCA0186	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	14	39	
GLCA0004	Yes	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/09/87-01/09/87	0	1	
GLCA0004	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/24/86-09/23/87	0	3	
GLCA0001	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	61	901	T,S
GLCA0009	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	31	82	S
GLCA0014	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/73-09/09/77	4	3	
GLCA0026	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/10/80-02/26/82	1	8	
GLCA0028	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/11/53-09/11/53	0	1	
GLCA0030	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/53-09/13/53	0	1	
GLCA0031	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/31/74-05/31/74	0	1	
GLCA0032	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	0	1	
GLCA0034	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	0	1	
GLCA0035	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/59-04/21/59	0	1	
GLCA0052	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/31/74-05/31/74	0	1	
GLCA0058	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/23/57-11/23/57	0	1	
GLCA0065	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/13/57-12/13/57	0	1	
GLCA0110	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/03/80-03/11/81	1	10	
GLCA0120	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/09/57-09/09/57	0	1	
GLCA0125	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/19/80-10/19/80	0	3	
GLCA0126	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/75-08/17/75	0	1	
GLCA0127	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/16/80-06/16/80	0	1	
GLCA0128	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	0	1	
GLCA0129	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/18/80-09/11/80	0	2	
GLCA0131	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/26/59-08/19/75	16	2	
GLCA0132	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/60-05/13/60	0	1	
GLCA0134	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/01/50-09/21/56	5	207	
GLCA0141	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/08/80-05/19/82	2	8	
GLCA0142	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-06/15/82	3	4	
GLCA0143	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-07/12/90	12	43	
GLCA0147	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/25/47-06/25/47	0	1	
GLCA0150	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/16/77-06/04/87	10	5	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0152	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/06/76-01/06/76	0	1	
GLCA0154	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-05/13/75	16	3	
GLCA0156	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	0	2	
GLCA0158	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/68-07/01/68	0	1	
GLCA0163	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/90-07/12/90	0	1	
GLCA0164	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	9	139	
GLCA0165	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/69-08/04/76	6	18	
GLCA0167	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-04/30/92	0	3	
GLCA0170	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-05/01/92	0	3	
GLCA0171	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/02/92	0	2	
GLCA0175	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/04/92	0	3	
GLCA0177	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-05/04/92	0	3	
GLCA0178	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/03/69-09/03/69	0	1	
GLCA0182	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/14/91	0	1	
GLCA0183	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/03/92	0	3	
GLCA0184	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/22/77-10/22/77	0	1	
GLCA0185	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	0	1	
GLCA0186	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	14	39	
GLCA0001	No	00445	CARBONATE ION (MG/L AS CO3)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	27	161	S
GLCA0009	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/21/69-12/14/78	9	25	
GLCA0014	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	8	40	
GLCA0017	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/10/80-02/26/82	1	8	
GLCA0028	No	00445	CARBONATE ION (MG/L AS CO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	00445	CARBONATE ION (MG/L AS CO3)	09/11/53-09/11/53	0	1	
GLCA0030	No	00445	CARBONATE ION (MG/L AS CO3)	09/13/53-09/13/53	0	1	
GLCA0031	No	00445	CARBONATE ION (MG/L AS CO3)	05/31/74-05/31/74	0	1	
GLCA0032	No	00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	0	1	
GLCA0034	No	00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	0	1	
GLCA0035	No	00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/21/59-04/21/59	0	1	
GLCA0052	No	00445	CARBONATE ION (MG/L AS CO3)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/31/74-05/31/74	0	1	
GLCA0058	No	00445	CARBONATE ION (MG/L AS CO3)	11/23/57-11/23/57	0	1	
GLCA0065	No	00445	CARBONATE ION (MG/L AS CO3)	12/13/57-12/13/57	0	1	
GLCA0110	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/03/80-03/11/81	1	10	
GLCA0128	No	00445	CARBONATE ION (MG/L AS CO3)	10/15/84-10/15/84	0	1	
GLCA0129	No	00445	CARBONATE ION (MG/L AS CO3)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/18/80-09/11/80	0	2	
GLCA0131	No	00445	CARBONATE ION (MG/L AS CO3)	04/26/59-04/26/59	0	1	
GLCA0133	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/13/60-05/13/60	0	1	
GLCA0139	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/08/80-05/19/82	2	8	
GLCA0142	No	00445	CARBONATE ION (MG/L AS CO3)	05/01/79-06/15/82	3	4	
GLCA0143	No	00445	CARBONATE ION (MG/L AS CO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/15/78-07/12/90	12	43	
GLCA0147	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/25/47-06/25/47	0	1	
GLCA0150	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/06/76-01/06/76	0	1	
GLCA0154	No	00445	CARBONATE ION (MG/L AS CO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	00445	CARBONATE ION (MG/L AS CO3)	04/27/59-06/09/63	4	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0156	No	00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	0	2	
GLCA0158	No	00445	CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/68-07/01/68	0	1	
GLCA0163	No	00445	CARBONATE ION (MG/L AS CO3)	07/12/90-07/12/90	0	1	
GLCA0164	No	00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	9	139	
GLCA0165	No	00445	CARBONATE ION (MG/L AS CO3)	08/05/69-08/04/76	6	19	
GLCA0167	No	00445	CARBONATE ION (MG/L AS CO3)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/13/91-04/30/92	0	3	
GLCA0170	No	00445	CARBONATE ION (MG/L AS CO3)	05/13/91-05/01/92	0	3	
GLCA0171	No	00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/02/92	0	2	
GLCA0175	No	00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/04/92	0	3	
GLCA0177	No	00445	CARBONATE ION (MG/L AS CO3)	05/13/91-05/04/92	0	3	
GLCA0178	No	00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/03/69-09/03/69	0	1	
GLCA0182	No	00445	CARBONATE ION (MG/L AS CO3)	05/14/91-05/14/91	0	1	
GLCA0183	No	00445	CARBONATE ION (MG/L AS CO3)	05/14/91-05/03/92	0	3	
GLCA0184	No	00445	CARBONATE ION (MG/L AS CO3)	10/22/77-10/22/77	0	1	
GLCA0185	No	00445	CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	0	1	
GLCA0186	No	00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	14	39	
GLCA0004	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	12/02/86-12/02/86	0	1	
GLCA0004	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/24/86-12/02/86	0	2	
GLCA0004	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	6	61	
GLCA0011	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/05/89-10/10/89	0	6	
GLCA0004	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	6	61	
GLCA0011	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	4	172	
GLCA0014	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/78-12/05/84	6	25	
GLCA0017	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/07/80-05/21/82	2	6	
GLCA0027	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/10/80-02/26/82	1	7	
GLCA0038	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	0	6	
GLCA0045	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	0	6	
GLCA0110	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-05/18/82	2	10	
GLCA0114	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	0	8	
GLCA0130	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/08/80-05/19/82	2	8	
GLCA0142	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/18/78-09/05/84	6	29	
GLCA0151	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/18/77-11/09/77	0	3	
GLCA0152	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/18/78-09/05/84	6	29	
GLCA0156	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/12/80-06/12/80	0	1	
GLCA0158	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/12/80-06/12/80	0	1	
GLCA0164	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	7	104	
GLCA0186	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/13/78-10/31/84	6	16	
GLCA0004	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	8	58	
GLCA0012	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	6	254	
GLCA0014	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/16/79-11/12/86	7	20	
GLCA0017	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-05/18/82	2	10	
GLCA0114	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	0	9	
GLCA0125	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/80-10/19/80	0	1	
GLCA0128	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/08/80-05/19/82	2	8	
GLCA0142	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/79-07/12/90	11	24	
GLCA0150	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	8	25	
GLCA0156	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
GLCA0158	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
GLCA0163	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-07/12/90	0	1	
GLCA0164	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	7	86	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0167	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-04/30/92	0	3	
GLCA0170	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-05/01/92	0	3	
GLCA0171	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/02/92	0	2	
GLCA0175	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/04/92	0	3	
GLCA0177	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-05/04/92	0	3	
GLCA0178	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/04/92	0	3	
GLCA0182	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/14/91	0	1	
GLCA0183	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/03/92	0	3	
GLCA0186	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/80-10/13/92	12	23	
GLCA0164	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	03/11/80-05/17/83	3	3	
GLCA0004	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	12/30/74-06/04/80	5	11	
GLCA0004	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	12/30/74-06/04/80	5	11	
GLCA0004	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	7	57	
GLCA0009	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/19/79-09/02/81	1	19	
GLCA0004	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/77-09/02/81	3	35	
GLCA0004	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-09/02/81	1	18	
GLCA0004	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	13	99	
GLCA0011	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0129	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/74-03/07/74	0	1	
GLCA0004	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	15	110	
GLCA0010	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/04/61-12/03/62	0	37	
GLCA0014	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	8	38	
GLCA0015	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/80-05/21/82	2	7	
GLCA0019	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/02/75	0	21	
GLCA0023	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/80-02/26/82	1	8	
GLCA0033	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/02/75	0	33	
GLCA0038	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	0	23	
GLCA0040	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0044	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	0	25	
GLCA0048	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-04/08/77	0	20	
GLCA0053	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0059	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-04/07/77	0	24	
GLCA0060	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-04/07/77	0	26	
GLCA0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-04/06/77	0	18	
GLCA0069	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	0	11	
GLCA0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/08/77	0	18	
GLCA0084	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0086	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/03/75	0	22	
GLCA0108	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-05/18/82	2	11	
GLCA0112	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/31/77	0	10	
GLCA0113	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-06/15/82	3	5	
GLCA0117	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/80-03/11/81	1	10	
GLCA0121	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/02/75	0	19	
GLCA0125	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/80-10/19/80	0	2	
GLCA0128	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-05/19/82	2	8	
GLCA0142	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/77-11/09/77	0	6	
GLCA0146	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-07/12/90	12	44	
GLCA0149	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/77-06/04/87	10	6	
GLCA0152	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	9	45	
GLCA0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	0	1	
GLCA0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0163	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0164	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	9	136	
GLCA0167	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-05/01/92	0	3	
GLCA0171	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/02/92	0	2	
GLCA0175	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0177	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-05/04/92	0	3	
GLCA0178	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0182	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/14/91-05/14/91	0	1	
GLCA0183	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/14/91-05/03/92	0	3	
GLCA0186	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	14	39	
GLCA0004	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	20	73	
GLCA0014	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	8	29	
GLCA0017	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/07/80-12/04/80	0	3	
GLCA0027	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/10/80-12/04/80	0	6	
GLCA0038	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0110	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0114	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/03/80-12/03/80	0	9	
GLCA0130	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/08/80-12/02/80	0	6	
GLCA0142	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-03/18/80	0	3	
GLCA0145	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9	26	
GLCA0151	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9	27	
GLCA0156	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-06/12/80	0	2	
GLCA0158	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/12/80-06/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0164	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	9	76	
GLCA0186	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/13/78-07/09/87	9	25	
GLCA0004	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/74-12/18/92	18	30	
GLCA0011	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0014	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/79-12/05/84	5	11	
GLCA0017	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/07/80-12/04/80	0	3	
GLCA0027	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/80-12/04/80	0	6	
GLCA0038	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0110	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0114	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0125	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/80-10/19/80	0	2	
GLCA0130	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/02/80	0	6	
GLCA0142	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-03/18/80	0	3	
GLCA0146	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/79-07/12/90	11	15	
GLCA0150	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/79-05/26/87	8	15	
GLCA0156	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
GLCA0158	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0163	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0164	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/09/79-11/27/84	5	46	
GLCA0186	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/24/79-04/05/89	9	13	
GLCA0004	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	49	224	S
GLCA0014	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	8	32	
GLCA0017	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/07/80-12/04/80	0	3	
GLCA0020	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/73-09/09/77	4	2	
GLCA0026	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/10/80-12/04/80	0	6	
GLCA0028	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/11/53-09/11/53	0	1	
GLCA0029	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/11/53-09/11/53	0	1	
GLCA0030	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/13/53-09/13/53	0	1	
GLCA0034	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/02/53-09/02/53	0	1	
GLCA0038	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0052	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/17/54-09/17/54	0	1	
GLCA0058	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/23/57-11/23/57	0	1	
GLCA0065	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/13/57-12/13/57	0	1	
GLCA0110	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0114	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	4	
GLCA0115	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/03/80-12/03/80	0	9	
GLCA0120	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/57-09/09/57	0	1	
GLCA0129	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0131	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/26/59-04/26/59	0	1	
GLCA0133	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/13/60-05/13/60	0	1	
GLCA0135	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/80-12/02/80	0	6	
GLCA0142	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-03/18/80	0	3	
GLCA0143	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-11/09/77	0	6	
GLCA0146	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9	28	
GLCA0147	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/03/48-10/03/48	0	1	
GLCA0151	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-06/04/87	10	6	
GLCA0152	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9	29	
GLCA0154	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/09/63-06/09/63	0	1	
GLCA0155	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-06/09/63	4	2	
GLCA0156	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-06/12/80	0	2	
GLCA0158	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/68-07/01/68	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0164	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	9	80	
GLCA0185	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/70-03/04/70	0	1	
GLCA0186	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/13/78-07/09/87	9	27	
GLCA0004	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/15/74-05/28/74	0	3	
GLCA0014	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/17/79-12/05/84	5	11	
GLCA0017	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/07/80-12/04/80	0	3	
GLCA0027	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/80-12/04/80	0	6	
GLCA0038	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	6	
GLCA0110	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0114	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	0	8	
GLCA0125	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/80-10/19/80	0	2	
GLCA0128	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/02/80	0	6	
GLCA0142	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-03/18/80	0	3	
GLCA0146	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/79-07/12/90	11	15	
GLCA0150	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/79-05/26/87	8	15	
GLCA0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
GLCA0158	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0163	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0164	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/79-11/27/84	5	46	
GLCA0186	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/79-04/05/89	9	13	
GLCA0004	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/07/77-07/09/91	13	36	
GLCA0004	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/02/78-09/02/81	3	32	
GLCA0004	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	19	151	T
GLCA0009	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/15/77-09/17/79	2	5	
GLCA0010	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0014	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	8	41	
GLCA0015	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/80-05/21/82	2	7	
GLCA0019	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/80-02/26/82	1	8	
GLCA0033	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/02/75	0	33	
GLCA0038	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	0	21	
GLCA0040	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0044	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-04/08/77	0	20	
GLCA0053	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0059	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/06/77	0	20	
GLCA0062	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-04/07/77	0	26	
GLCA0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-04/06/77	0	18	
GLCA0069	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	0	11	
GLCA0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/08/77	0	16	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0076	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	0	6	
GLCA0081	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/08/77	0	18	
GLCA0084	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/03/75	0	23	
GLCA0108	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-05/18/82	2	11	
GLCA0112	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/31/77	0	10	
GLCA0113	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-06/15/82	3	5	
GLCA0117	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	0	9	
GLCA0121	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/02/75	0	19	
GLCA0125	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/80-10/19/80	0	2	
GLCA0130	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-05/19/82	2	8	
GLCA0142	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-07/12/90	12	45	
GLCA0149	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	9	44	
GLCA0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	0	1	
GLCA0158	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0163	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/12/90	0	1	
GLCA0164	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	8	129	
GLCA0167	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0170	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-05/01/92	0	3	
GLCA0171	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/02/92	0	2	
GLCA0175	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0177	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-05/04/92	0	3	
GLCA0178	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0182	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/91-05/14/91	0	1	
GLCA0183	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/91-05/03/92	0	3	
GLCA0186	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/13/78-10/13/92	14	39	
GLCA0004	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	22	134	T,S
GLCA0009	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/15/77-09/17/79	2	5	
GLCA0010	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/30/68	3	29	
GLCA0014	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/78-04/26/83	4	23	
GLCA0015	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/80-05/18/82	2	6	
GLCA0019	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/02/75	0	21	
GLCA0023	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/02/75	0	24	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0025	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/80-02/26/82	1	8	
GLCA0033	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/02/75	0	33	
GLCA0038	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	0	23	
GLCA0040	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0044	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	0	25	
GLCA0048	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-04/08/77	0	20	
GLCA0053	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	0	24	
GLCA0059	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-04/07/77	0	26	
GLCA0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-04/06/77	0	18	
GLCA0069	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	0	11	
GLCA0073	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/08/77	0	18	
GLCA0084	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/03/75	0	22	
GLCA0108	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-05/18/82	2	11	
GLCA0112	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/31/77	0	10	
GLCA0113	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-06/15/82	3	5	
GLCA0117	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/80-03/11/81	1	10	
GLCA0121	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/02/75	0	19	
GLCA0130	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-05/19/82	2	8	
GLCA0142	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-06/15/82	3	4	
GLCA0146	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/78-06/14/83	5	30	
GLCA0149	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/03/75	0	15	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0152	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/78-06/14/83	5	30	
GLCA0156	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	0	1	
GLCA0158	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/12/80	0	1	
GLCA0164	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	6	110	
GLCA0167	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
GLCA0168	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
GLCA0170	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	0	1	
GLCA0175	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
GLCA0177	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
GLCA0178	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
GLCA0183	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	0	1	
GLCA0186	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/79-01/09/84	4	11	
GLCA0001	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	22	153	T,S
GLCA0009	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/11/71-03/21/79	8	7	
GLCA0011	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/89-10/10/89	0	12	
GLCA0020	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/18/77-10/18/77	0	1	
GLCA0021	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/11/81-06/11/81	0	1	
GLCA0031	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/29/74-05/29/74	0	1	
GLCA0057	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/31/74-05/31/74	0	1	
GLCA0071	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/24/81-10/24/81	0	1	
GLCA0124	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/22/81-10/22/81	0	1	
GLCA0126	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/75-08/17/75	0	1	
GLCA0131	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/75-08/19/75	0	1	
GLCA0132	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/75-08/19/75	0	1	
GLCA0134	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/75-08/18/75	0	1	
GLCA0153	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/06/76-01/06/76	0	1	
GLCA0155	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/75-05/13/75	0	1	
GLCA0165	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/10/71-08/04/76	5	14	
GLCA0167	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	0	3	
GLCA0170	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/01/92	0	3	
GLCA0171	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
GLCA0175	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
GLCA0177	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/04/92	0	3	
GLCA0178	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/04/92	0	3	
GLCA0182	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/14/91	0	1	
GLCA0183	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/03/92	0	3	
GLCA0186	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/16/91-10/13/92	1	5	
GLCA0012	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	3	27	
GLCA0012	Yes	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-09/30/68	3	10	
GLCA0004	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-06/20/79	0	3	
GLCA0051	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/21/59-04/21/59	0	1	
GLCA0160	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/01/68-07/01/68	0	1	
GLCA0012	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/15/61-05/10/65	3	113	
GLCA0001	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	12	61	
GLCA0009	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/02/78-03/21/79	1	2	
GLCA0020	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/18/77-10/18/77	0	1	
GLCA0031	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/29/74-05/29/74	0	1	
GLCA0057	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/31/74-05/31/74	0	1	
GLCA0126	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/17/75-08/17/75	0	1	
GLCA0129	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/74-03/07/74	0	1	
GLCA0131	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/19/75-08/19/75	0	1	
GLCA0132	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/19/75-08/19/75	0	1	
GLCA0134	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/18/75-08/18/75	0	1	
GLCA0153	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/06/76-01/06/76	0	1	
GLCA0155	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/75-05/13/75	0	1	
GLCA0165	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/12/71-08/04/76	5	13	
GLCA0004	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	19	155	T
GLCA0009	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/77-09/17/79	2	5	
GLCA0010	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	0	26	
GLCA0011	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/89-10/10/89	0	12	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0012	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-09/30/68	3	17	
GLCA0014	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	8	40	
GLCA0015	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/80-05/21/82	2	7	
GLCA0019	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	0	28	
GLCA0022	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/02/75	0	22	
GLCA0023	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/80-02/26/82	1	8	
GLCA0033	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/02/75	0	33	
GLCA0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	0	7	
GLCA0039	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	0	21	
GLCA0040	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	0	7	
GLCA0044	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	0	7	
GLCA0047	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-04/08/77	0	20	
GLCA0053	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	0	7	
GLCA0056	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	0	24	
GLCA0059	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-04/07/77	0	23	
GLCA0060	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	0	13	
GLCA0061	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/06/77	0	20	
GLCA0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-04/07/77	0	26	
GLCA0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-04/06/77	0	18	
GLCA0069	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	0	11	
GLCA0073	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/08/77	0	16	
GLCA0076	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	0	6	
GLCA0081	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/08/77	0	18	
GLCA0084	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/03/75	0	23	
GLCA0108	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-05/18/82	2	11	
GLCA0112	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/31/77	0	10	
GLCA0113	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-06/15/82	3	5	
GLCA0117	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	0	9	
GLCA0121	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/03/75	0	25	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0123	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/02/75	0	19	
GLCA0125	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/80-10/19/80	0	2	
GLCA0128	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/80-09/11/80	0	2	
GLCA0138	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-05/19/82	2	8	
GLCA0142	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-07/12/90	12	44	
GLCA0149	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/03/75	0	15	
GLCA0150	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	9	44	
GLCA0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	0	1	
GLCA0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/12/80	0	1	
GLCA0163	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-07/12/90	0	1	
GLCA0164	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	8	131	
GLCA0167	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-04/30/92	0	3	
GLCA0170	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-05/01/92	0	3	
GLCA0171	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/02/92	0	2	
GLCA0175	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/04/92	0	3	
GLCA0177	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-05/04/92	0	3	
GLCA0178	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/04/92	0	3	
GLCA0182	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/91-05/14/91	0	1	
GLCA0183	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/91-05/03/92	0	3	
GLCA0186	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/13/78-10/13/92	14	34	
GLCA0004	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	15	118	
GLCA0011	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-09/30/68	3	23	
GLCA0039	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	0	10	
GLCA0040	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/30/77-03/30/77	0	7	
GLCA0041	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-03/31/77	0	7	
GLCA0048	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/77-04/03/77	0	12	
GLCA0050	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-04/08/77	0	13	
GLCA0053	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/77-04/07/77	0	11	
GLCA0056	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/30/77-04/07/77	0	11	
GLCA0059	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	0	10	
GLCA0061	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	0	12	
GLCA0063	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-04/07/77	0	14	
GLCA0067	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	0	6	
GLCA0068	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	0	7	
GLCA0070	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/06/77	0	9	
GLCA0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	0	4	
GLCA0073	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	0	5	
GLCA0074	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/08/77	0	8	
GLCA0076	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	5	
GLCA0077	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	0	4	
GLCA0079	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	5	
GLCA0081	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	4	
GLCA0083	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/08/77-04/08/77	0	8	
GLCA0086	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	3	
GLCA0087	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	2	
GLCA0088	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	1	
GLCA0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	0	1	
GLCA0112	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/77-03/31/77	0	5	
GLCA0167	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-04/30/92	0	3	
GLCA0170	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-05/01/92	0	3	
GLCA0171	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/02/92	0	2	
GLCA0175	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/04/92	0	3	
GLCA0177	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-05/04/92	0	3	
GLCA0178	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/04/92	0	3	
GLCA0182	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/91-05/14/91	0	1	
GLCA0183	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/91-05/03/92	0	3	
GLCA0186	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/16/91-10/13/92	1	5	
GLCA0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	21	128	T
GLCA0009	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/02/78-03/21/79	1	2	
GLCA0010	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	0	26	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0011	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/89-10/10/89	0	12	
GLCA0014	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	8	30	
GLCA0015	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/01/75	0	22	
GLCA0017	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/07/80-12/04/80	0	3	
GLCA0019	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	0	28	
GLCA0020	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/77-10/18/77	0	1	
GLCA0022	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/02/75	0	21	
GLCA0023	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-04/16/75	0	8	
GLCA0024	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/02/75	0	24	
GLCA0025	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	0	22	
GLCA0027	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/80-12/04/80	0	6	
GLCA0031	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/31/74-05/31/74	0	1	
GLCA0033	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/02/75	0	33	
GLCA0036	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	0	6	
GLCA0039	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	0	21	
GLCA0040	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/30/77	0	14	
GLCA0041	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/31/77	0	8	
GLCA0042	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	0	7	
GLCA0044	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	0	7	
GLCA0045	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	0	6	
GLCA0047	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	0	26	
GLCA0048	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/03/77-04/03/77	0	12	
GLCA0049	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	0	10	
GLCA0050	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-04/08/77	0	20	
GLCA0053	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	0	24	
GLCA0055	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	0	6	
GLCA0056	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	0	23	
GLCA0057	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/31/74-05/31/74	0	1	
GLCA0059	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-04/07/77	0	22	
GLCA0060	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	0	11	
GLCA0061	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/06/77	0	21	
GLCA0062	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	0	6	
GLCA0063	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-04/07/77	0	25	
GLCA0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	0	8	
GLCA0066	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	0	22	
GLCA0067	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/07/77	0	14	
GLCA0068	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-04/06/77	0	16	
GLCA0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	0	6	
GLCA0070	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	0	16	
GLCA0072	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	0	11	
GLCA0073	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	0	12	
GLCA0074	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/08/77	0	17	
GLCA0076	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	11	
GLCA0077	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	0	11	
GLCA0079	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	10	
GLCA0080	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	0	7	
GLCA0081	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/05/77	0	10	
GLCA0082	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	0	13	
GLCA0083	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/08/77	0	17	
GLCA0084	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	0	7	
GLCA0085	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	0	4	
GLCA0086	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	8	
GLCA0087	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	6	
GLCA0088	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	5	
GLCA0090	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0092	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0096	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0098	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0100	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0101	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	0	5	
GLCA0102	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0103	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0106	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	0	3	
GLCA0107	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/03/75	0	22	
GLCA0108	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0109	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	0	1	
GLCA0110	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	0	8	
GLCA0112	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/31/77	0	9	
GLCA0113	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/04/75	0	22	
GLCA0114	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	1	4	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0117	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/03/75	0	26	
GLCA0118	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/03/80-12/03/80	0	9	
GLCA0121	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/03/75	0	26	
GLCA0122	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/03/75	0	25	
GLCA0123	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/02/75	0	19	
GLCA0126	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/75-08/17/75	0	1	
GLCA0129	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/80-09/11/80	0	2	
GLCA0131	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/75-08/19/75	0	1	
GLCA0132	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/75-08/19/75	0	1	
GLCA0134	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	0	1	
GLCA0138	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/03/75	0	25	
GLCA0139	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/08/80-12/02/80	0	6	
GLCA0142	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-03/18/80	0	3	
GLCA0145	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	9	28	
GLCA0149	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/03/75	0	15	
GLCA0151	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	9	28	
GLCA0153	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/06/76-01/06/76	0	1	
GLCA0155	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/13/75-05/13/75	0	1	
GLCA0156	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	0	2	
GLCA0158	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	0	1	
GLCA0164	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	9	78	
GLCA0165	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/12/71-08/04/76	5	13	
GLCA0186	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	11	30	
GLCA0004	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	15	38	
GLCA0009	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/15/77-03/21/79	1	4	
GLCA0011	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/89-10/10/89	0	12	
GLCA0012	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/65-09/30/68	2	19	
GLCA0014	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	8	36	
GLCA0017	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-06/15/82	2	3	
GLCA0118	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	0	2	
GLCA0119	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	0	9	
GLCA0130	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	0	2	
GLCA0141	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/80-05/19/82	2	8	
GLCA0142	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-06/15/82	2	2	
GLCA0145	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/16/77-11/09/77	0	5	
GLCA0146	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-07/12/90	12	41	
GLCA0150	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	9	41	
GLCA0158	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/12/80	0	1	
GLCA0163	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	0	1	
GLCA0164	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	8	121	
GLCA0186	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	12	31	
GLCA0004	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/78-08/03/81	3	10	
GLCA0012	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-09/30/68	3	20	
GLCA0004	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/03/78-08/03/81	3	9	
GLCA0128	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/15/84-10/15/84	0	1	
GLCA0141	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/12/80-08/12/80	0	1	
GLCA0001	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	57	933	T,S
GLCA0009	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	32	93	S
GLCA0012	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	8	315	
GLCA0014	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/10/80-02/26/82	1	8	
GLCA0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/53-09/13/53	0	1	
GLCA0031	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0032	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0035	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0052	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0058	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/57-11/23/57	0	1	
GLCA0065	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/57-12/13/57	0	1	
GLCA0071	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	0	9	
GLCA0120	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/81-10/22/81	0	1	
GLCA0126	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	0	1	
GLCA0128	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/84-10/15/84	0	1	
GLCA0129	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/80-09/11/80	0	2	
GLCA0131	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/59-08/19/75	16	2	
GLCA0132	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/60-05/13/60	0	1	
GLCA0134	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/50-09/21/56	5	207	
GLCA0141	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/80-05/19/82	2	8	
GLCA0142	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	3	4	
GLCA0143	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-07/12/90	12	42	
GLCA0147	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/25/47-06/25/47	0	1	
GLCA0150	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	9	42	
GLCA0153	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/76-01/06/76	0	1	
GLCA0154	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-05/13/75	16	3	
GLCA0156	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
GLCA0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
GLCA0163	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	0	1	
GLCA0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	9	139	
GLCA0165	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/69-08/04/76	6	18	
GLCA0167	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	0	3	
GLCA0170	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-05/01/92	0	3	
GLCA0171	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
GLCA0175	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
GLCA0177	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-05/04/92	0	3	
GLCA0178	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/03/69-09/03/69	0	1	
GLCA0182	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	0	1	
GLCA0183	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/91-05/03/92	0	3	
GLCA0184	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
GLCA0185	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0186	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	14	39	
GLCA0001	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	57	919	T,S
GLCA0009	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	32	92	S
GLCA0020	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/73-09/09/77	4	3	
GLCA0026	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0028	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/11/53-09/11/53	0	1	
GLCA0030	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/53-09/13/53	0	1	
GLCA0031	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0032	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0034	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0035	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/29/74-05/29/74	0	1	
GLCA0051	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/59-04/21/59	0	1	
GLCA0052	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/31/74-05/31/74	0	1	
GLCA0058	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/23/57-11/23/57	0	1	
GLCA0065	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/13/57-12/13/57	0	1	
GLCA0111	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/51-09/11/53	2	65	
GLCA0115	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/04/48-10/04/48	0	1	
GLCA0120	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/57-09/09/57	0	1	
GLCA0126	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/75-08/17/75	0	1	
GLCA0129	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/07/74-03/07/74	0	1	
GLCA0131	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/26/59-08/19/75	16	2	
GLCA0132	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/60-05/13/60	0	1	
GLCA0134	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/47-09/23/47	0	1	
GLCA0140	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/01/50-09/21/56	5	207	
GLCA0143	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/59-04/23/59	0	1	
GLCA0147	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/25/47-06/25/47	0	1	
GLCA0153	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/06/76-01/06/76	0	1	
GLCA0154	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-05/13/75	16	3	
GLCA0160	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
GLCA0165	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/69-08/04/76	6	18	
GLCA0181	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/03/69-09/03/69	0	1	
GLCA0184	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
GLCA0185	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
GLCA0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	67	1009	T,S
GLCA0009	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	32	93	S
GLCA0011	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/89-10/10/89	0	6	
GLCA0014	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/10/80-02/26/82	1	8	
GLCA0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/53-09/11/53	0	1	
GLCA0029	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/53-09/11/53	0	1	
GLCA0030	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/53-09/13/53	0	1	
GLCA0031	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/74-05/31/74	0	1	
GLCA0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/59-04/21/59	0	1	
GLCA0052	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/74-05/31/74	0	1	
GLCA0058	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/23/57-11/23/57	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0065	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/13/57-12/13/57	0	1	
GLCA0071	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/80-03/11/81	1	10	
GLCA0120	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/80-10/19/80	0	3	
GLCA0126	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/75-08/17/75	0	1	
GLCA0127	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/80-06/16/80	0	1	
GLCA0129	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/80-09/11/80	0	2	
GLCA0131	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/26/59-08/19/75	16	2	
GLCA0132	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/60-05/13/60	0	1	
GLCA0134	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/01/50-09/21/56	5	206	
GLCA0141	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/80-05/19/82	2	8	
GLCA0142	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-06/15/82	3	4	
GLCA0143	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-07/12/90	12	43	
GLCA0147	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/25/47-06/25/47	0	1	
GLCA0150	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/06/76-01/06/76	0	1	
GLCA0154	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/09/63-06/09/63	0	1	
GLCA0155	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-05/13/75	16	3	
GLCA0156	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	0	2	
GLCA0158	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/68-07/01/68	0	1	
GLCA0163	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/90-07/12/90	0	1	
GLCA0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	9	138	
GLCA0165	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/69-08/04/76	6	18	
GLCA0167	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-04/30/92	0	3	
GLCA0170	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-05/01/92	0	3	
GLCA0171	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
GLCA0175	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
GLCA0177	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-05/04/92	0	3	
GLCA0178	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/69-09/03/69	0	1	
GLCA0182	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/14/91-05/14/91	0	1	
GLCA0183	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/14/91-05/03/92	0	3	
GLCA0184	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/77-10/22/77	0	1	
GLCA0185	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/04/70-03/04/70	0	1	
GLCA0186	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	14	40	
GLCA0127	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/80-06/16/80	0	1	
GLCA0128	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/84-10/15/84	0	1	
GLCA0125	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	06/19/80-10/19/80	0	3	
GLCA0127	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	06/16/80-06/16/80	0	1	
GLCA0128	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	10/15/84-10/15/84	0	1	
GLCA0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	67	1009	T,S
GLCA0009	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	32	93	S
GLCA0011	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/89-10/10/89	0	6	
GLCA0014	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	8	40	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0017	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/10/80-02/26/82	1	8	
GLCA0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/53-09/11/53	0	1	
GLCA0029	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/53-09/11/53	0	1	
GLCA0030	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/53-09/13/53	0	1	
GLCA0031	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/74-05/31/74	0	1	
GLCA0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/59-04/21/59	0	1	
GLCA0052	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/74-05/31/74	0	1	
GLCA0058	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/23/57-11/23/57	0	1	
GLCA0065	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/13/57-12/13/57	0	1	
GLCA0071	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/80-03/11/81	1	10	
GLCA0120	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/80-10/19/80	0	3	
GLCA0126	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/75-08/17/75	0	1	
GLCA0127	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/80-06/16/80	0	1	
GLCA0129	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/80-09/11/80	0	2	
GLCA0131	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/26/59-08/19/75	16	2	
GLCA0132	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/60-05/13/60	0	1	
GLCA0134	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/01/50-09/21/56	5	206	
GLCA0141	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/80-05/19/82	2	8	
GLCA0142	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-06/15/82	3	4	
GLCA0143	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-07/12/90	12	43	
GLCA0147	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/25/47-06/25/47	0	1	
GLCA0150	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/06/76-01/06/76	0	1	
GLCA0154	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/09/63-06/09/63	0	1	
GLCA0155	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-05/13/75	16	3	
GLCA0156	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	0	2	
GLCA0158	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/68-07/01/68	0	1	
GLCA0163	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-07/12/90	0	1	
GLCA0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	9	139	
GLCA0165	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/69-08/04/76	6	18	
GLCA0167	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-04/30/92	0	3	
GLCA0170	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-05/01/92	0	3	
GLCA0171	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
GLCA0175	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
GLCA0177	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-05/04/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0178	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/69-09/03/69	0	1	
GLCA0182	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/14/91	0	1	
GLCA0183	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/03/92	0	3	
GLCA0184	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/77-10/22/77	0	1	
GLCA0185	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/04/70-03/04/70	0	1	
GLCA0186	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	14	40	
GLCA0127	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/80-06/16/80	0	1	
GLCA0128	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/84-10/15/84	0	1	
GLCA0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	67	936	T,S
GLCA0009	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/69-11/15/79	10	35	
GLCA0011	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-04/01/68	5	10	
GLCA0014	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/73-06/11/81	8	4	
GLCA0027	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/10/80-02/26/82	1	8	
GLCA0031	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/74-05/31/74	0	1	
GLCA0071	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/80-03/11/81	1	10	
GLCA0124	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/19/80-10/19/80	0	3	
GLCA0126	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/75-08/17/75	0	1	
GLCA0127	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/80-06/16/80	0	1	
GLCA0129	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/80-09/11/80	0	2	
GLCA0131	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/75-08/19/75	0	1	
GLCA0132	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/60-05/13/60	0	1	
GLCA0134	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/01/50-09/21/56	5	206	
GLCA0141	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/80-05/19/82	2	8	
GLCA0142	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-07/12/90	12	43	
GLCA0150	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/06/76-01/06/76	0	1	
GLCA0155	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/75-05/13/75	0	1	
GLCA0156	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	0	2	
GLCA0158	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/68-07/01/68	0	1	
GLCA0163	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/90-07/12/90	0	1	
GLCA0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	9	139	
GLCA0165	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/69-08/04/76	6	19	
GLCA0167	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-04/30/92	0	3	
GLCA0170	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-05/01/92	0	3	
GLCA0171	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
GLCA0175	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
GLCA0177	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-05/04/92	0	3	
GLCA0178	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/03/69-09/03/69	0	1	
GLCA0182	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/91-05/14/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0183	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/91-05/03/92	0	3	
GLCA0184	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/77-10/22/77	0	1	
GLCA0185	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/04/70-03/04/70	0	1	
GLCA0186	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	14	39	
GLCA0001	No	00931	SODIUM ADSORPTION RATIO	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00931	SODIUM ADSORPTION RATIO	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	57	749	T,S
GLCA0009	Yes	00931	SODIUM ADSORPTION RATIO	10/21/69-11/15/79	10	35	
GLCA0020	Yes	00931	SODIUM ADSORPTION RATIO	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00931	SODIUM ADSORPTION RATIO	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00931	SODIUM ADSORPTION RATIO	04/21/59-04/21/59	0	1	
GLCA0028	No	00931	SODIUM ADSORPTION RATIO	09/11/53-09/11/53	0	1	
GLCA0029	No	00931	SODIUM ADSORPTION RATIO	09/11/53-09/11/53	0	1	
GLCA0030	No	00931	SODIUM ADSORPTION RATIO	09/13/53-09/13/53	0	1	
GLCA0031	No	00931	SODIUM ADSORPTION RATIO	05/31/74-05/31/74	0	1	
GLCA0034	No	00931	SODIUM ADSORPTION RATIO	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00931	SODIUM ADSORPTION RATIO	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00931	SODIUM ADSORPTION RATIO	05/29/74-05/29/74	0	1	
GLCA0051	Yes	00931	SODIUM ADSORPTION RATIO	04/21/59-04/21/59	0	1	
GLCA0052	No	00931	SODIUM ADSORPTION RATIO	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00931	SODIUM ADSORPTION RATIO	05/31/74-05/31/74	0	1	
GLCA0058	No	00931	SODIUM ADSORPTION RATIO	11/23/57-11/23/57	0	1	
GLCA0065	No	00931	SODIUM ADSORPTION RATIO	12/13/57-12/13/57	0	1	
GLCA0071	No	00931	SODIUM ADSORPTION RATIO	10/24/81-10/24/81	0	1	
GLCA0111	Yes	00931	SODIUM ADSORPTION RATIO	10/01/51-09/11/53	1	44	
GLCA0115	Yes	00931	SODIUM ADSORPTION RATIO	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00931	SODIUM ADSORPTION RATIO	10/04/48-10/04/48	0	1	
GLCA0120	Yes	00931	SODIUM ADSORPTION RATIO	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00931	SODIUM ADSORPTION RATIO	10/22/81-10/22/81	0	1	
GLCA0126	No	00931	SODIUM ADSORPTION RATIO	08/17/75-08/17/75	0	1	
GLCA0129	No	00931	SODIUM ADSORPTION RATIO	03/07/74-03/07/74	0	1	
GLCA0131	No	00931	SODIUM ADSORPTION RATIO	04/26/59-08/19/75	16	2	
GLCA0132	No	00931	SODIUM ADSORPTION RATIO	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00931	SODIUM ADSORPTION RATIO	05/13/60-05/13/60	0	1	
GLCA0134	No	00931	SODIUM ADSORPTION RATIO	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00931	SODIUM ADSORPTION RATIO	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00931	SODIUM ADSORPTION RATIO	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00931	SODIUM ADSORPTION RATIO	09/23/47-09/23/47	0	1	
GLCA0140	Yes	00931	SODIUM ADSORPTION RATIO	10/01/51-09/21/56	4	177	
GLCA0143	No	00931	SODIUM ADSORPTION RATIO	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00931	SODIUM ADSORPTION RATIO	04/23/59-04/23/59	0	1	
GLCA0147	Yes	00931	SODIUM ADSORPTION RATIO	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00931	SODIUM ADSORPTION RATIO	06/25/47-06/25/47	0	1	
GLCA0153	Yes	00931	SODIUM ADSORPTION RATIO	01/06/76-01/06/76	0	1	
GLCA0154	No	00931	SODIUM ADSORPTION RATIO	06/09/63-06/09/63	0	1	
GLCA0155	No	00931	SODIUM ADSORPTION RATIO	04/27/59-05/13/75	16	2	
GLCA0160	Yes	00931	SODIUM ADSORPTION RATIO	07/01/68-07/01/68	0	1	
GLCA0165	No	00931	SODIUM ADSORPTION RATIO	08/05/69-08/04/76	6	18	
GLCA0173	Yes	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
GLCA0181	Yes	00931	SODIUM ADSORPTION RATIO	09/03/69-09/03/69	0	1	
GLCA0184	No	00931	SODIUM ADSORPTION RATIO	10/22/77-10/22/77	0	1	
GLCA0185	No	00931	SODIUM ADSORPTION RATIO	03/04/70-03/04/70	0	1	
GLCA0001	No	00932	SODIUM, PERCENT	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00932	SODIUM, PERCENT	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00932	SODIUM, PERCENT	01/11/26-03/02/83	57	751	T,S
GLCA0009	Yes	00932	SODIUM, PERCENT	10/01/47-11/15/79	32	92	S
GLCA0020	Yes	00932	SODIUM, PERCENT	10/18/77-10/18/77	0	1	
GLCA0021	Yes	00932	SODIUM, PERCENT	06/11/81-06/11/81	0	1	
GLCA0028	No	00932	SODIUM, PERCENT	09/11/53-09/11/53	0	1	
GLCA0029	No	00932	SODIUM, PERCENT	09/11/53-09/11/53	0	1	
GLCA0030	No	00932	SODIUM, PERCENT	09/13/53-09/13/53	0	1	
GLCA0031	No	00932	SODIUM, PERCENT	05/31/74-05/31/74	0	1	
GLCA0034	No	00932	SODIUM, PERCENT	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00932	SODIUM, PERCENT	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00932	SODIUM, PERCENT	05/29/74-05/29/74	0	1	
GLCA0051	Yes	00932	SODIUM, PERCENT	04/21/59-04/21/59	0	1	
GLCA0052	No	00932	SODIUM, PERCENT	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00932	SODIUM, PERCENT	05/31/74-05/31/74	0	1	
GLCA0058	No	00932	SODIUM, PERCENT	11/23/57-11/23/57	0	1	
GLCA0065	No	00932	SODIUM, PERCENT	12/13/57-12/13/57	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0071	No	00932	SODIUM, PERCENT	10/24/81-10/24/81	0	1	
GLCA0111	Yes	00932	SODIUM, PERCENT	03/01/51-09/11/53	2	65	
GLCA0124	Yes	00932	SODIUM, PERCENT	10/22/81-10/22/81	0	1	
GLCA0126	No	00932	SODIUM, PERCENT	08/17/75-08/17/75	0	1	
GLCA0129	No	00932	SODIUM, PERCENT	03/07/74-03/07/74	0	1	
GLCA0131	No	00932	SODIUM, PERCENT	04/26/59-08/19/75	16	2	
GLCA0132	No	00932	SODIUM, PERCENT	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00932	SODIUM, PERCENT	05/13/60-05/13/60	0	1	
GLCA0134	No	00932	SODIUM, PERCENT	08/18/75-08/18/75	0	1	
GLCA0140	Yes	00932	SODIUM, PERCENT	12/01/50-09/21/56	5	206	
GLCA0143	No	00932	SODIUM, PERCENT	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00932	SODIUM, PERCENT	04/23/59-04/23/59	0	1	
GLCA0153	Yes	00932	SODIUM, PERCENT	01/06/76-01/06/76	0	1	
GLCA0154	No	00932	SODIUM, PERCENT	06/09/63-06/09/63	0	1	
GLCA0155	No	00932	SODIUM, PERCENT	04/27/59-05/13/75	16	3	
GLCA0160	Yes	00932	SODIUM, PERCENT	07/01/68-07/01/68	0	1	
GLCA0165	No	00932	SODIUM, PERCENT	08/05/69-08/04/76	6	19	
GLCA0173	Yes	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
GLCA0184	No	00932	SODIUM, PERCENT	10/22/77-10/22/77	0	1	
GLCA0185	No	00932	SODIUM, PERCENT	03/04/70-03/04/70	0	1	
GLCA0004	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	02/25/26-02/14/80	53	80	
GLCA0009	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	32	64	S
GLCA0026	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/21/59-04/21/59	0	1	
GLCA0028	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/53-09/11/53	0	1	
GLCA0029	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/53-09/11/53	0	1	
GLCA0030	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/13/53-09/13/53	0	1	
GLCA0034	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/02/53-09/02/53	0	1	
GLCA0052	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/17/54-09/17/54	0	1	
GLCA0058	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	11/23/57-11/23/57	0	1	
GLCA0065	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	12/13/57-12/13/57	0	1	
GLCA0115	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/04/48-10/04/48	0	1	
GLCA0120	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/09/57-09/09/57	0	1	
GLCA0131	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/26/59-04/26/59	0	1	
GLCA0135	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/23/47-09/23/47	0	1	
GLCA0143	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/23/59-04/23/59	0	1	
GLCA0147	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	06/25/47-06/25/47	0	1	
GLCA0154	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	06/09/63-06/09/63	0	1	
GLCA0155	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-06/09/63	4	2	
GLCA0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	67	753	T,S
GLCA0009	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/69-11/15/79	10	36	
GLCA0011	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-04/01/68	5	10	
GLCA0014	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	8	40	
GLCA0017	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/77-10/18/77	0	1	
GLCA0021	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/81-06/11/81	0	1	
GLCA0027	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/10/80-02/26/82	1	8	
GLCA0031	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/74-05/31/74	0	1	
GLCA0071	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/51-10/21/52	1	55	
GLCA0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/80-03/11/81	1	10	
GLCA0124	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/81-10/22/81	0	1	
GLCA0126	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/75-08/17/75	0	1	
GLCA0129	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/74-03/07/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/80-09/11/80	0	2	
GLCA0131	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/75-08/19/75	0	1	
GLCA0132	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/60-05/13/60	0	1	
GLCA0134	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/01/50-09/21/56	5	206	
GLCA0141	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/80-05/19/82	2	8	
GLCA0142	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-07/12/90	12	43	
GLCA0150	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/06/76-01/06/76	0	1	
GLCA0155	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/75-05/13/75	0	1	
GLCA0156	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	0	2	
GLCA0158	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/68-07/01/68	0	1	
GLCA0163	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-07/12/90	0	1	
GLCA0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	9	139	
GLCA0165	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/69-08/04/76	6	19	
GLCA0167	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-04/30/92	0	3	
GLCA0170	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-05/01/92	0	3	
GLCA0171	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/02/92	0	2	
GLCA0173	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
GLCA0175	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/04/92	0	3	
GLCA0176	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
GLCA0177	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-05/04/92	0	3	
GLCA0178	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/04/92	0	3	
GLCA0181	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/03/69-09/03/69	0	1	
GLCA0182	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/14/91	0	1	
GLCA0183	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/03/92	0	3	
GLCA0184	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/77-10/22/77	0	1	
GLCA0185	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	0	1	
GLCA0186	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	14	39	
GLCA0128	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/15/84-10/15/84	0	1	
GLCA0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	67	863	T,S
GLCA0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	32	93	S
GLCA0011	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	8	267	
GLCA0014	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/07/80-05/21/82	2	7	
GLCA0020	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/10/80-02/26/82	1	8	
GLCA0028	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/53-09/11/53	0	1	
GLCA0029	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/53-09/11/53	0	1	
GLCA0030	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/53-09/13/53	0	1	
GLCA0031	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/31/74-05/31/74	0	1	
GLCA0032	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	0	1	
GLCA0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	0	1	
GLCA0035	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-03/11/81	0	7	
GLCA0051	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/59-04/21/59	0	1	
GLCA0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/31/74-05/31/74	0	1	
GLCA0058	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/57-11/23/57	0	1	
GLCA0065	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/57-12/13/57	0	1	
GLCA0071	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-05/18/82	2	11	
GLCA0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/51-09/11/53	2	65	
GLCA0114	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-06/15/82	3	5	
GLCA0115	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/57-09/10/57	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0116	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/80-03/11/81	1	10	
GLCA0120	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/81-10/22/81	0	1	
GLCA0126	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/75-08/17/75	0	1	
GLCA0129	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/80-09/11/80	0	2	
GLCA0131	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/59-08/19/75	16	2	
GLCA0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/60-05/13/60	0	1	
GLCA0134	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/50-09/21/56	5	207	
GLCA0141	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-05/19/82	2	8	
GLCA0142	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-06/15/82	3	4	
GLCA0143	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	9	42	
GLCA0147	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/47-06/25/47	0	1	
GLCA0151	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	9	43	
GLCA0153	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/76-01/06/76	0	1	
GLCA0154	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/63-06/09/63	0	1	
GLCA0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-05/13/75	16	3	
GLCA0156	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/79-06/12/80	0	2	
GLCA0158	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/68-07/01/68	0	1	
GLCA0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	9	139	
GLCA0165	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/69-08/04/76	6	19	
GLCA0173	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
GLCA0181	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/69-09/03/69	0	1	
GLCA0184	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/77-10/22/77	0	1	
GLCA0185	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/70-03/04/70	0	1	
GLCA0186	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	11	33	
GLCA0014	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/79-12/05/84	5	20	
GLCA0017	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	0	7	
GLCA0110	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-05/18/82	2	10	
GLCA0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	0	9	
GLCA0125	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/19/80-10/19/80	0	3	
GLCA0127	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/16/80-06/16/80	0	1	
GLCA0128	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/80-05/19/82	2	8	
GLCA0142	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-06/15/82	3	4	
GLCA0146	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/79-07/12/90	11	26	
GLCA0150	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/04/87-06/04/87	0	1	
GLCA0152	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/79-06/14/83	4	26	
GLCA0156	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	0	2	
GLCA0158	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/12/80	0	1	
GLCA0163	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-07/12/90	0	1	
GLCA0164	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	5	101	
GLCA0167	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-04/30/92	0	3	
GLCA0170	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-05/01/92	0	3	
GLCA0171	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/02/92	0	2	
GLCA0175	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/04/92	0	3	
GLCA0177	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-05/04/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0178	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/04/92	0	3	
GLCA0182	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/14/91	0	1	
GLCA0183	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/03/92	0	3	
GLCA0186	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/24/79-10/13/92	13	17	
GLCA0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	67	862	T,S
GLCA0009	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	32	93	S
GLCA0011	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	6	145	
GLCA0020	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/59-04/21/59	0	1	
GLCA0028	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/53-09/11/53	0	1	
GLCA0029	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/53-09/11/53	0	1	
GLCA0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/53-09/13/53	0	1	
GLCA0031	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/74-05/31/74	0	1	
GLCA0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/29/74-05/29/74	0	1	
GLCA0051	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/59-04/21/59	0	1	
GLCA0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/74-05/31/74	0	1	
GLCA0058	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/23/57-11/23/57	0	1	
GLCA0065	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/57-12/13/57	0	1	
GLCA0071	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/24/81-10/24/81	0	1	
GLCA0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/51-09/11/53	2	65	
GLCA0115	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/48-10/04/48	0	1	
GLCA0120	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/81-10/22/81	0	1	
GLCA0126	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/75-08/17/75	0	1	
GLCA0129	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/07/74-03/07/74	0	1	
GLCA0131	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/59-08/19/75	16	2	
GLCA0132	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/60-05/13/60	0	1	
GLCA0134	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/47-09/23/47	0	1	
GLCA0140	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/50-09/21/56	5	207	
GLCA0143	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/59-04/23/59	0	1	
GLCA0147	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/47-06/25/47	0	1	
GLCA0153	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/76-01/06/76	0	1	
GLCA0154	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/63-06/09/63	0	1	
GLCA0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-05/13/75	16	3	
GLCA0160	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/68-07/01/68	0	1	
GLCA0165	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/69-08/04/76	6	19	
GLCA0173	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
GLCA0181	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/69-09/03/69	0	1	
GLCA0184	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/77-10/22/77	0	1	
GLCA0185	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	0	1	
GLCA0014	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	8	41	
GLCA0017	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/19/80-10/19/80	0	3	
GLCA0127	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/16/80-06/16/80	0	1	
GLCA0128	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/08/80-05/19/82	2	8	
GLCA0142	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-06/15/82	3	4	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0145	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-07/12/90	12	43	
GLCA0150	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	9	43	
GLCA0156	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	0	2	
GLCA0158	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/12/80	0	1	
GLCA0163	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-07/12/90	0	1	
GLCA0164	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	9	139	
GLCA0167	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-04/30/92	0	3	
GLCA0170	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-05/01/92	0	3	
GLCA0171	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/02/92	0	2	
GLCA0175	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/04/92	0	3	
GLCA0177	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-05/04/92	0	3	
GLCA0178	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/04/92	0	3	
GLCA0182	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/14/91	0	1	
GLCA0183	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/03/92	0	3	
GLCA0186	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	14	39	
GLCA0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	50	665	T,S
GLCA0009	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/01/49-11/15/79	30	41	
GLCA0011	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/05/89-10/10/89	0	6	
GLCA0012	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-04/01/68	5	10	
GLCA0014	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/10/78-10/21/81	3	14	
GLCA0017	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/80-12/04/80	0	3	
GLCA0020	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/77-10/18/77	0	2	
GLCA0021	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/73-06/11/81	8	4	
GLCA0026	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/10/80-12/04/80	0	6	
GLCA0028	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/53-09/11/53	0	1	
GLCA0029	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/53-09/11/53	0	1	
GLCA0030	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/53-09/13/53	0	1	
GLCA0031	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/31/74-05/31/74	0	1	
GLCA0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	0	6	
GLCA0051	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/59-04/21/59	0	1	
GLCA0052	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/31/74-05/31/74	0	1	
GLCA0058	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/23/57-11/23/57	0	1	
GLCA0065	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/13/57-12/13/57	0	1	
GLCA0071	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	0	8	
GLCA0111	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/01/51-10/21/52	1	54	
GLCA0114	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/03/80-12/03/80	0	9	
GLCA0124	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/19/80-10/19/80	0	3	
GLCA0126	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/75-08/17/75	0	1	
GLCA0127	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/16/80-06/16/80	0	1	
GLCA0128	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/84-10/15/84	0	1	
GLCA0129	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/80-09/11/80	0	2	
GLCA0131	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/26/59-08/19/75	16	2	
GLCA0132	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/75-08/19/75	0	1	
GLCA0134	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/75-08/18/75	0	1	
GLCA0136	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-04/27/59	0	1	
GLCA0139	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/01/50-11/01/55	4	33	
GLCA0141	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/80-12/02/80	0	6	
GLCA0142	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-03/18/80	0	3	
GLCA0143	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/15/78-12/08/81	3	16	
GLCA0151	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/15/78-06/09/81	3	16	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0153	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/76-01/06/76	0	1	
GLCA0155	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-05/13/75	16	2	
GLCA0156	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	0	2	
GLCA0158	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/68-07/01/68	0	1	
GLCA0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/12/77-06/09/81	4	57	
GLCA0165	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/71-08/04/76	5	13	
GLCA0173	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
GLCA0181	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/03/69-09/03/69	0	1	
GLCA0184	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/22/77-10/22/77	0	1	
GLCA0185	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	0	1	
GLCA0186	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/13/78-05/04/83	5	14	
GLCA0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	67	805	T,S
GLCA0009	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/71-11/15/79	8	31	
GLCA0011	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/05/89-10/10/89	0	6	
GLCA0014	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/10/78-10/21/81	3	14	
GLCA0017	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/80-12/04/80	0	3	
GLCA0020	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/77-10/18/77	0	1	
GLCA0021	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/81-06/11/81	0	1	
GLCA0026	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/59-04/21/59	0	1	
GLCA0027	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/10/80-12/04/80	0	6	
GLCA0028	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/53-09/11/53	0	1	
GLCA0029	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/53-09/11/53	0	1	
GLCA0030	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/53-09/13/53	0	1	
GLCA0031	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/31/74-05/31/74	0	1	
GLCA0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/53-09/02/53	0	1	
GLCA0036	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	0	6	
GLCA0051	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/59-04/21/59	0	1	
GLCA0052	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/54-09/17/54	0	1	
GLCA0057	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/31/74-05/31/74	0	1	
GLCA0058	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/23/57-11/23/57	0	1	
GLCA0065	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/13/57-12/13/57	0	1	
GLCA0071	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	0	8	
GLCA0111	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/01/51-09/11/53	2	64	
GLCA0114	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	1	4	
GLCA0115	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/48-10/04/48	0	1	
GLCA0118	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/03/80-12/03/80	0	9	
GLCA0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/57-09/09/57	0	1	
GLCA0124	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/81-10/22/81	0	1	
GLCA0126	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/75-08/17/75	0	1	
GLCA0128	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/84-10/15/84	0	1	
GLCA0129	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/80-09/11/80	0	2	
GLCA0131	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/26/59-08/19/75	16	2	
GLCA0132	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/13/60-05/13/60	0	1	
GLCA0134	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/47-09/23/47	0	1	
GLCA0139	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/01/50-09/21/56	5	206	
GLCA0141	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/08/80-12/02/80	0	6	
GLCA0142	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-03/18/80	0	3	
GLCA0143	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/15/78-06/09/81	3	14	
GLCA0147	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/48-10/03/48	0	1	
GLCA0151	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/15/78-06/09/81	3	15	
GLCA0153	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/06/76-01/06/76	0	1	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0154	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/09/63-06/09/63	0	1	
GLCA0155	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-05/13/75	16	3	
GLCA0156	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	0	2	
GLCA0158	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/68-07/01/68	0	1	
GLCA0164	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	4	58	
GLCA0165	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/69-08/04/76	6	16	
GLCA0173	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
GLCA0181	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/03/69-09/03/69	0	1	
GLCA0184	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/77-10/22/77	0	1	
GLCA0185	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/04/70-03/04/70	0	1	
GLCA0186	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/13/78-05/04/83	5	14	
GLCA0004	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	18	94	
GLCA0009	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/77-11/15/79	2	27	
GLCA0012	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/68	5	12	
GLCA0020	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/77-10/18/77	0	5	
GLCA0021	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/09/77-06/11/81	3	2	
GLCA0114	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	0	2	
GLCA0124	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/19/80-10/19/80	0	3	
GLCA0126	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/17/75-08/17/75	0	1	
GLCA0127	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/16/80-06/16/80	0	1	
GLCA0129	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-03/18/80	0	1	
GLCA0131	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/75-08/19/75	0	1	
GLCA0132	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/75-08/19/75	0	1	
GLCA0134	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	0	2	
GLCA0142	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/15/78-03/15/78	0	1	
GLCA0156	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/01/68-07/01/68	0	1	
GLCA0164	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/12/77-01/17/78	1	3	
GLCA0165	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/18/75-11/18/75	0	1	
GLCA0185	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	0	1	
GLCA0186	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/24/79-10/13/92	13	9	
GLCA0004	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	05/28/74-09/01/82	8	18	
GLCA0009	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/15/77-09/17/79	2	4	
GLCA0004	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	18	85	
GLCA0008	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/15/77-11/15/79	2	6	
GLCA0014	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	8	39	
GLCA0016	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/01/77-12/05/77	0	6	
GLCA0021	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/19/80-10/19/80	0	3	
GLCA0127	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/16/80-06/16/80	0	1	
GLCA0128	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/80-05/19/82	2	8	
GLCA0142	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-07/12/90	11	39	
GLCA0150	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	8	39	
GLCA0156	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/80-06/12/80	0	1	
GLCA0158	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/80-06/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0163	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/12/90-07/12/90	0	1	
GLCA0164	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	8	134	
GLCA0167	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/26/91	0	2	
GLCA0170	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/27/91	0	2	
GLCA0171	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-05/12/91	0	1	
GLCA0175	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-09/25/91	0	2	
GLCA0177	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/25/91	0	2	
GLCA0178	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-09/25/91	0	2	
GLCA0182	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/14/91-05/14/91	0	1	
GLCA0183	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/14/91-09/27/91	0	2	
GLCA0186	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/78-07/16/91	13	29	
GLCA0007	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/11/85-05/29/85	0	2	
GLCA0018	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/01/71-04/27/72	0	9	
GLCA0004	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	15	88	
GLCA0009	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/77-11/15/79	2	26	
GLCA0012	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/68	5	10	
GLCA0021	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/11/81-06/11/81	0	1	
GLCA0045	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	12/03/80-12/03/80	0	1	
GLCA0114	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	0	2	
GLCA0124	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/22/81-10/22/81	0	1	
GLCA0129	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	0	2	
GLCA0142	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/78-03/15/78	0	1	
GLCA0156	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/68-07/01/68	0	1	
GLCA0164	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/12/77-05/12/81	4	4	
GLCA0165	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/18/75-11/18/75	0	1	
GLCA0186	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/24/79-10/13/92	13	9	
GLCA0004	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	02/02/78-09/01/82	4	17	
GLCA0004	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	02/02/78-09/01/82	4	17	
GLCA0014	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	8	39	
GLCA0017	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	02/03/80-03/11/81	1	10	
GLCA0130	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/08/80-05/19/82	2	8	
GLCA0142	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-07/12/90	11	39	
GLCA0150	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	8	39	
GLCA0156	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/12/80-06/12/80	0	1	
GLCA0158	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/12/80-06/12/80	0	1	
GLCA0163	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/12/90-07/12/90	0	1	
GLCA0164	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	8	131	
GLCA0167	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/26/91	0	2	
GLCA0170	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/27/91	0	2	
GLCA0171	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-05/12/91	0	1	
GLCA0175	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-09/25/91	0	2	
GLCA0177	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/25/91	0	2	
GLCA0178	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-09/25/91	0	2	
GLCA0182	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/14/91-05/14/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0183	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/14/91-09/27/91	0	2	
GLCA0186	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/13/78-07/16/91	13	28	
GLCA0004	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	8	36	
GLCA0012	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-07/01/67	4	9	
GLCA0004	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/12/88-06/01/90	1	6	
GLCA0008	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/29/85-07/01/85	0	2	
GLCA0007	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0001	No	01020	BORON, DISSOLVED (UG/L AS B)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	64	604	T,S
GLCA0009	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/15/49-11/15/79	30	39	
GLCA0012	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/68	5	11	
GLCA0014	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/10/78-10/21/81	3	14	
GLCA0017	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/07/80-12/04/80	0	3	
GLCA0020	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/18/77-10/18/77	0	1	
GLCA0027	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/10/80-12/04/80	0	6	
GLCA0031	No	01020	BORON, DISSOLVED (UG/L AS B)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/29/74-05/29/74	0	1	
GLCA0038	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	0	6	
GLCA0057	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/31/74-05/31/74	0	1	
GLCA0071	No	01020	BORON, DISSOLVED (UG/L AS B)	10/24/81-10/24/81	0	1	
GLCA0110	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	0	8	
GLCA0111	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/11/51-07/01/53	1	12	
GLCA0114	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/03/80-03/11/81	1	10	
GLCA0126	No	01020	BORON, DISSOLVED (UG/L AS B)	08/17/75-08/17/75	0	1	
GLCA0129	No	01020	BORON, DISSOLVED (UG/L AS B)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/18/80-09/11/80	0	2	
GLCA0131	No	01020	BORON, DISSOLVED (UG/L AS B)	04/26/59-08/19/75	16	2	
GLCA0132	No	01020	BORON, DISSOLVED (UG/L AS B)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/13/60-05/13/60	0	1	
GLCA0134	No	01020	BORON, DISSOLVED (UG/L AS B)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	1	3	
GLCA0140	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/11/51-09/11/56	4	53	
GLCA0141	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/08/80-03/11/81	0	7	
GLCA0142	No	01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-03/18/80	0	3	
GLCA0143	No	01020	BORON, DISSOLVED (UG/L AS B)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/23/59-04/23/59	0	1	
GLCA0145	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/16/77-11/09/77	0	3	
GLCA0146	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/15/78-06/09/81	3	14	
GLCA0151	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/15/78-06/09/81	3	15	
GLCA0153	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/06/76-01/06/76	0	1	
GLCA0155	No	01020	BORON, DISSOLVED (UG/L AS B)	04/27/59-05/13/75	16	2	
GLCA0156	No	01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	0	2	
GLCA0158	No	01020	BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/01/68-07/01/68	0	1	
GLCA0164	No	01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	4	59	
GLCA0165	No	01020	BORON, DISSOLVED (UG/L AS B)	02/10/71-08/04/76	5	13	
GLCA0181	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/03/69-09/03/69	0	1	
GLCA0185	No	01020	BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	0	1	
GLCA0186	No	01020	BORON, DISSOLVED (UG/L AS B)	02/13/78-05/04/83	5	14	
GLCA0004	Yes	01022	BORON, TOTAL (UG/L AS B)	10/12/47-02/02/78	30	72	
GLCA0128	No	01022	BORON, TOTAL (UG/L AS B)	10/15/84-10/15/84	0	1	
GLCA0004	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	18	92	
GLCA0009	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/77-09/17/79	2	5	
GLCA0012	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-04/01/68	5	12	
GLCA0021	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	0	2	
GLCA0129	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	0	2	
GLCA0142	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/15/78-03/15/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0151	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/15/78-03/15/78	0	1	
GLCA0156	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/01/68-07/01/68	0	1	
GLCA0164	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/12/77-08/10/82	5	4	
GLCA0186	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/24/79-10/13/92	13	9	
GLCA0004	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	05/28/74-09/01/82	8	20	
GLCA0009	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	18	81	
GLCA0008	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	8	37	
GLCA0016	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/19/80-10/19/80	0	3	
GLCA0127	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/80-05/19/82	2	8	
GLCA0142	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-07/12/90	11	37	
GLCA0150	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	8	37	
GLCA0156	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/80-06/12/80	0	1	
GLCA0158	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/80-06/12/80	0	1	
GLCA0163	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/90-07/12/90	0	1	
GLCA0164	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	8	126	
GLCA0167	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/26/91	0	2	
GLCA0170	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/27/91	0	2	
GLCA0171	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-05/12/91	0	1	
GLCA0175	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-09/25/91	0	2	
GLCA0177	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/25/91	0	2	
GLCA0178	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-09/25/91	0	2	
GLCA0182	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/14/91-05/14/91	0	1	
GLCA0183	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/14/91-09/27/91	0	2	
GLCA0186	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/13/78-07/16/91	13	27	
GLCA0007	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0007	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	18	93	
GLCA0009	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/17/79	2	5	
GLCA0012	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-07/01/67	4	10	
GLCA0021	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	0	2	
GLCA0129	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	0	2	
GLCA0142	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/18/77-11/09/77	0	3	
GLCA0146	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/18/77-11/09/77	0	3	
GLCA0152	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/78-03/15/78	0	1	
GLCA0156	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/68-07/01/68	0	1	
GLCA0164	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/29/77-11/12/81	3	3	
GLCA0186	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/24/79-10/13/92	13	9	
GLCA0004	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	05/28/74-08/03/81	7	19	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0009	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/10/78-10/21/81	3	11	
GLCA0017	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/07/80-12/04/80	0	3	
GLCA0027	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/10/80-12/04/80	0	6	
GLCA0038	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	0	6	
GLCA0045	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	0	6	
GLCA0110	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	0	8	
GLCA0114	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	1	4	
GLCA0118	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/03/80-12/03/80	0	9	
GLCA0125	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/19/80-10/19/80	0	3	
GLCA0127	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/08/80-12/02/80	0	6	
GLCA0142	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-03/18/80	0	3	
GLCA0145	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/15/78-06/09/81	3	12	
GLCA0151	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/15/78-06/09/81	3	13	
GLCA0156	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	0	2	
GLCA0158	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	0	1	
GLCA0164	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/77-12/22/81	4	52	
GLCA0186	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/13/78-05/04/83	5	12	
GLCA0004	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	18	85	
GLCA0008	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	8	37	
GLCA0016	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/03/80-03/11/81	1	10	
GLCA0128	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/80-05/19/82	2	8	
GLCA0142	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-07/12/90	11	37	
GLCA0150	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	8	37	
GLCA0156	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/80-06/12/80	0	1	
GLCA0158	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/80-06/12/80	0	1	
GLCA0163	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/90-07/12/90	0	1	
GLCA0164	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	8	129	
GLCA0167	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/26/91	0	2	
GLCA0170	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/27/91	0	2	
GLCA0171	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-05/12/91	0	1	
GLCA0175	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-09/25/91	0	2	
GLCA0177	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/25/91	0	2	
GLCA0178	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-09/25/91	0	2	
GLCA0182	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/14/91-05/14/91	0	1	
GLCA0183	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/14/91-09/27/91	0	2	
GLCA0186	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/13/78-07/16/91	13	27	
GLCA0004	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	18	65	
GLCA0009	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/17/79	2	5	
GLCA0012	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/68	5	12	
GLCA0165	No	01035	COBALT, DISSOLVED (UG/L AS CO)	11/18/75-11/18/75	0	1	
GLCA0004	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	05/28/74-03/02/82	7	15	
GLCA0009	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/28/74-09/01/82	8	23	
GLCA0009	Yes	01037	COBALT, TOTAL (UG/L AS CO)	09/15/77-09/17/79	2	5	
GLCA0125	Yes	01037	COBALT, TOTAL (UG/L AS CO)	06/19/80-10/19/80	0	3	
GLCA0127	No	01037	COBALT, TOTAL (UG/L AS CO)	06/16/80-06/16/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0004	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	18	92	
GLCA0009	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-11/15/79	2	27	
GLCA0012	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-04/01/68	5	12	
GLCA0021	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	0	2	
GLCA0125	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/19/80-10/19/80	0	3	
GLCA0127	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/80-06/16/80	0	1	
GLCA0129	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	0	2	
GLCA0142	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/15/78-03/15/78	0	1	
GLCA0156	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/01/68-07/01/68	0	1	
GLCA0164	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/12/77-01/17/78	1	3	
GLCA0181	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/69-09/03/69	0	1	
GLCA0185	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/04/70-03/04/70	0	1	
GLCA0186	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/24/79-10/13/92	13	9	
GLCA0004	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	05/28/74-09/01/82	8	22	
GLCA0009	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	18	84	
GLCA0008	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	8	37	
GLCA0016	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01042	COPPER, TOTAL (UG/L AS CU)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/19/80-10/19/80	0	3	
GLCA0127	No	01042	COPPER, TOTAL (UG/L AS CU)	06/16/80-06/16/80	0	1	
GLCA0128	No	01042	COPPER, TOTAL (UG/L AS CU)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/08/80-05/19/82	2	8	
GLCA0142	No	01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/14/78-07/12/90	11	38	
GLCA0150	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	8	37	
GLCA0156	No	01042	COPPER, TOTAL (UG/L AS CU)	06/12/80-06/12/80	0	1	
GLCA0158	No	01042	COPPER, TOTAL (UG/L AS CU)	06/12/80-06/12/80	0	1	
GLCA0163	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/90-07/12/90	0	1	
GLCA0164	No	01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	8	133	
GLCA0167	No	01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/26/91	0	2	
GLCA0170	No	01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/27/91	0	2	
GLCA0171	No	01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-05/12/91	0	1	
GLCA0175	No	01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-09/25/91	0	2	
GLCA0177	No	01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/25/91	0	2	
GLCA0178	No	01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-09/25/91	0	2	
GLCA0182	No	01042	COPPER, TOTAL (UG/L AS CU)	05/14/91-05/14/91	0	1	
GLCA0183	No	01042	COPPER, TOTAL (UG/L AS CU)	05/14/91-09/27/91	0	2	
GLCA0186	No	01042	COPPER, TOTAL (UG/L AS CU)	02/13/78-07/16/91	13	28	
GLCA0007	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	11/01/78-07/01/82	3	7	
GLCA0009	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	03/14/78-03/21/79	1	3	
GLCA0004	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	45	419	S
GLCA0009	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/15/77-09/17/79	2	5	
GLCA0012	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/01/62-04/01/68	5	12	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0020	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01045	IRON, TOTAL (UG/L AS FE)	03/23/73-09/09/77	4	3	
GLCA0111	Yes	01045	IRON, TOTAL (UG/L AS FE)	03/01/51-10/21/52	1	54	
GLCA0129	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/74-03/07/74	0	1	
GLCA0140	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/01/50-09/21/51	0	29	
GLCA0160	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/01/68-07/01/68	0	1	
GLCA0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	67	285	T,S
GLCA0009	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/11/71-11/15/79	8	31	
GLCA0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/18/77-10/18/77	0	1	
GLCA0021	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/11/81-06/11/81	0	1	
GLCA0031	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/29/74-05/29/74	0	1	
GLCA0051	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/31/74-05/31/74	0	1	
GLCA0071	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/24/81-10/24/81	0	1	
GLCA0114	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	0	2	
GLCA0124	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/22/81-10/22/81	0	1	
GLCA0129	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-03/18/80	0	1	
GLCA0136	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/27/59-04/27/59	0	1	
GLCA0139	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	0	2	
GLCA0142	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-03/18/80	0	1	
GLCA0143	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/27/59-04/27/59	0	1	
GLCA0145	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/15/78-03/15/78	0	1	
GLCA0156	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/68-07/01/68	0	1	
GLCA0164	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/12/77-05/12/81	4	6	
GLCA0165	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/10/71-05/28/76	5	3	
GLCA0173	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
GLCA0181	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/69-09/03/69	0	1	
GLCA0185	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/04/70-03/04/70	0	1	
GLCA0186	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/20/78-10/13/92	14	10	
GLCA0004	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	18	93	
GLCA0009	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-11/15/79	2	23	
GLCA0012	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-04/01/68	5	12	
GLCA0021	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	0	2	
GLCA0125	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/19/80-10/19/80	0	3	
GLCA0126	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/17/75-08/17/75	0	1	
GLCA0127	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/80-06/16/80	0	1	
GLCA0129	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-03/18/80	0	1	
GLCA0131	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/75-08/19/75	0	1	
GLCA0132	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/75-08/19/75	0	1	
GLCA0134	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	0	2	
GLCA0142	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/15/78-03/15/78	0	1	
GLCA0156	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/01/68-07/01/68	0	1	
GLCA0164	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/12/77-01/17/78	1	3	
GLCA0165	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/18/75-11/18/75	0	1	
GLCA0186	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/24/79-10/13/92	13	10	
GLCA0004	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	05/28/74-09/01/82	8	21	
GLCA0009	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	18	86	
GLCA0008	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	8	37	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/19/80-10/19/80	0	3	
GLCA0128	No	01051	LEAD, TOTAL (UG/L AS PB)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/08/80-05/19/82	2	8	
GLCA0142	No	01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-07/12/90	11	37	
GLCA0150	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	8	37	
GLCA0156	No	01051	LEAD, TOTAL (UG/L AS PB)	06/12/80-06/12/80	0	1	
GLCA0158	No	01051	LEAD, TOTAL (UG/L AS PB)	06/12/80-06/12/80	0	1	
GLCA0163	No	01051	LEAD, TOTAL (UG/L AS PB)	07/12/90-07/12/90	0	1	
GLCA0164	No	01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	8	130	
GLCA0167	No	01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/26/91	0	2	
GLCA0170	No	01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/27/91	0	2	
GLCA0171	No	01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-05/12/91	0	1	
GLCA0175	No	01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-09/25/91	0	2	
GLCA0177	No	01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/25/91	0	2	
GLCA0178	No	01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-09/25/91	0	2	
GLCA0182	No	01051	LEAD, TOTAL (UG/L AS PB)	05/14/91-05/14/91	0	1	
GLCA0183	No	01051	LEAD, TOTAL (UG/L AS PB)	05/14/91-09/27/91	0	2	
GLCA0186	No	01051	LEAD, TOTAL (UG/L AS PB)	02/13/78-07/16/91	13	27	
GLCA0007	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/28/74-09/01/82	8	21	
GLCA0009	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	18	85	
GLCA0009	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/15/77-09/17/79	2	5	
GLCA0012	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-04/01/68	5	12	
GLCA0014	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	8	37	
GLCA0017	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/03/80-03/11/81	1	10	
GLCA0127	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/16/80-06/16/80	0	1	
GLCA0128	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/80-05/19/82	2	8	
GLCA0142	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-07/12/90	11	37	
GLCA0150	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	8	39	
GLCA0156	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/12/80-06/12/80	0	1	
GLCA0158	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/12/80-06/12/80	0	1	
GLCA0163	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/90-07/12/90	0	1	
GLCA0164	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	8	134	
GLCA0167	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/26/91	0	2	
GLCA0170	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/27/91	0	2	
GLCA0171	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-05/12/91	0	1	
GLCA0175	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-09/25/91	0	2	
GLCA0177	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/25/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0178	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-09/25/91	0	2	
GLCA0182	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/14/91-05/14/91	0	1	
GLCA0183	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/14/91-09/27/91	0	2	
GLCA0186	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/13/78-07/16/91	13	29	
GLCA0004	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	18	93	
GLCA0009	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-11/15/79	2	27	
GLCA0020	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/18/77-10/18/77	0	1	
GLCA0031	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/29/74-05/29/74	0	1	
GLCA0051	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/74-05/31/74	0	1	
GLCA0071	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/24/81-10/24/81	0	1	
GLCA0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	0	2	
GLCA0129	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	0	2	
GLCA0142	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/15/78-03/15/78	0	1	
GLCA0156	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/68-07/01/68	0	1	
GLCA0164	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/12/77-01/17/78	1	2	
GLCA0165	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/10/71-05/28/76	5	3	
GLCA0173	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
GLCA0186	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/24/79-10/13/92	13	10	
GLCA0004	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	10/12/88-12/06/89	1	5	
GLCA0016	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	05/29/85-07/01/85	0	2	
GLCA0004	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	10	43	
GLCA0012	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/68	5	12	
GLCA0165	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/75-11/18/75	0	1	
GLCA0125	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/19/80-10/19/80	0	3	
GLCA0127	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/16/80-06/16/80	0	1	
GLCA0128	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/84-10/15/84	0	1	
GLCA0164	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/05/83-10/05/83	0	1	
GLCA0004	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	13	54	
GLCA0012	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-04/01/68	5	12	
GLCA0114	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	0	2	
GLCA0129	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	0	2	
GLCA0142	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/15/78-03/15/78	0	1	
GLCA0156	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	0	1	
GLCA0164	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/12/77-01/17/78	1	3	
GLCA0186	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/24/79-12/02/80	1	6	
GLCA0004	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	11/15/79-09/01/82	2	11	
GLCA0004	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	11/15/79-06/01/90	10	17	
GLCA0008	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/29/80-08/29/80	0	1	
GLCA0014	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/10/78-04/26/83	4	20	
GLCA0016	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-10/19/80	0	3	
GLCA0127	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0141	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/08/80-05/19/82	2	8	
GLCA0142	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	03/14/79-06/14/83	4	24	
GLCA0152	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/14/78-06/14/83	4	26	
GLCA0156	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/12/80-06/12/80	0	1	
GLCA0158	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/12/80-06/12/80	0	1	
GLCA0164	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	5	102	
GLCA0186	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/13/78-07/25/83	5	7	
GLCA0007	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	05/11/85-05/29/85	0	2	
GLCA0012	Yes	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-07/01/67	4	9	
GLCA0016	Yes	01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	05/11/85-05/29/85	0	2	
GLCA0004	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	15	87	
GLCA0012	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/68	5	12	
GLCA0021	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	0	2	
GLCA0129	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	0	2	
GLCA0142	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/15/78-03/15/78	0	1	
GLCA0156	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/01/68-07/01/68	0	1	
GLCA0164	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/12/77-01/17/78	1	3	
GLCA0186	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/24/79-10/13/92	13	10	
GLCA0004	Yes	01076	SILVER, SUSPENDED (UG/L AS AG)	02/02/78-08/03/81	3	13	
GLCA0004	Yes	01077	SILVER, TOTAL (UG/L AS AG)	02/02/78-09/01/82	4	17	
GLCA0014	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	8	37	
GLCA0016	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01077	SILVER, TOTAL (UG/L AS AG)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	0	9	
GLCA0130	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/08/80-05/19/82	2	8	
GLCA0142	No	01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-07/12/90	11	37	
GLCA0150	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	8	37	
GLCA0156	No	01077	SILVER, TOTAL (UG/L AS AG)	06/12/80-06/12/80	0	1	
GLCA0158	No	01077	SILVER, TOTAL (UG/L AS AG)	06/12/80-06/12/80	0	1	
GLCA0163	No	01077	SILVER, TOTAL (UG/L AS AG)	07/12/90-07/12/90	0	1	
GLCA0164	No	01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	8	129	
GLCA0167	No	01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/26/91	0	2	
GLCA0170	No	01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/27/91	0	2	
GLCA0171	No	01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-05/12/91	0	1	
GLCA0175	No	01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-09/25/91	0	2	
GLCA0177	No	01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/25/91	0	2	
GLCA0178	No	01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-09/25/91	0	2	
GLCA0182	No	01077	SILVER, TOTAL (UG/L AS AG)	05/14/91-05/14/91	0	1	
GLCA0183	No	01077	SILVER, TOTAL (UG/L AS AG)	05/14/91-09/27/91	0	2	
GLCA0186	No	01077	SILVER, TOTAL (UG/L AS AG)	02/13/78-07/16/91	13	27	
GLCA0007	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	10	42	
GLCA0012	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/68	5	11	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0021	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/11/81-06/11/81	0	1	
GLCA0124	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/81-10/22/81	0	1	
GLCA0165	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/75-11/18/75	0	1	
GLCA0184	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/77-10/22/77	0	1	
GLCA0004	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	10	43	
GLCA0012	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/68	5	12	
GLCA0164	No	01087	VANADIUM, TOTAL (UG/L AS V)	04/19/83-04/19/83	0	1	
GLCA0004	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	18	94	
GLCA0009	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-11/15/79	2	27	
GLCA0012	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-04/01/68	5	12	
GLCA0021	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/77-09/09/77	0	1	
GLCA0114	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	0	2	
GLCA0125	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/19/80-10/19/80	0	3	
GLCA0126	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/17/75-08/17/75	0	1	
GLCA0127	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/80-06/16/80	0	1	
GLCA0129	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-03/18/80	0	1	
GLCA0131	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/75-08/19/75	0	1	
GLCA0132	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/75-08/19/75	0	1	
GLCA0134	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/75-08/18/75	0	1	
GLCA0139	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	0	2	
GLCA0142	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/16/77-11/09/77	0	3	
GLCA0152	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/15/78-03/15/78	0	1	
GLCA0156	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/68-07/01/68	0	1	
GLCA0164	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/12/77-01/17/78	1	3	
GLCA0165	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/18/75-11/18/75	0	1	
GLCA0186	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/24/79-10/13/92	13	10	
GLCA0004	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	05/28/74-09/01/82	8	20	
GLCA0009	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	18	85	
GLCA0008	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	8	38	
GLCA0016	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	0	9	
GLCA0125	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/80-10/19/80	0	3	
GLCA0127	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/80-06/16/80	0	1	
GLCA0130	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/11/80-09/11/80	0	1	
GLCA0139	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/08/80-05/19/82	2	8	
GLCA0142	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-07/12/90	11	39	
GLCA0150	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	8	39	
GLCA0156	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/12/80-06/12/80	0	1	
GLCA0158	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/12/80-06/12/80	0	1	
GLCA0163	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/90-07/12/90	0	1	
GLCA0164	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	8	131	
GLCA0167	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/26/91	0	2	
GLCA0170	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/27/91	0	2	
GLCA0171	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-05/12/91	0	1	
GLCA0175	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-09/25/91	0	2	
GLCA0177	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/25/91	0	2	
GLCA0178	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-09/25/91	0	2	
GLCA0182	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/14/91-05/14/91	0	1	
GLCA0183	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/14/91-09/27/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0186	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/13/78-07/16/91	13	29	
GLCA0007	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/12/88-06/01/90	1	6	
GLCA0008	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	05/29/85-07/01/85	0	2	
GLCA0007	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	05/11/85-05/29/85	0	2	
GLCA0012	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-07/01/67	4	8	
GLCA0051	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/21/59-04/21/59	0	1	
GLCA0128	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/15/84-10/15/84	0	1	
GLCA0004	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	10	43	
GLCA0165	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/18/75-11/18/75	0	1	
GLCA0004	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	10	43	
GLCA0126	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/17/75-08/17/75	0	1	
GLCA0131	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/75-08/19/75	0	1	
GLCA0132	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/75-08/19/75	0	1	
GLCA0134	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/75-08/18/75	0	1	
GLCA0165	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/18/75-11/18/75	0	1	
GLCA0184	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/22/77-10/22/77	0	1	
GLCA0004	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	18	94	
GLCA0009	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/77-11/15/79	2	27	
GLCA0012	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	0	2	
GLCA0014	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/86-10/01/86	0	1	
GLCA0020	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/77-10/18/77	0	3	
GLCA0021	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/77-06/11/81	3	2	
GLCA0038	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/03/80-12/03/80	0	1	
GLCA0051	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/21/59-04/21/59	0	1	
GLCA0110	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/03/80-12/03/80	0	1	
GLCA0114	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	0	2	
GLCA0118	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	0	2	
GLCA0124	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/22/81-10/22/81	0	1	
GLCA0125	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/19/80-10/19/80	0	3	
GLCA0127	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/16/80-06/16/80	0	1	
GLCA0129	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-03/18/80	0	1	
GLCA0139	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	0	2	
GLCA0142	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-03/18/80	0	1	
GLCA0145	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/15/78-03/15/78	0	1	
GLCA0156	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	0	1	
GLCA0160	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/01/68-07/01/68	0	1	
GLCA0164	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/12/77-01/17/78	1	3	
GLCA0165	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/18/75-11/18/75	0	1	
GLCA0185	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/04/70-03/04/70	0	1	
GLCA0186	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/24/79-10/13/92	13	10	
GLCA0004	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	05/28/74-09/01/82	8	23	
GLCA0009	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	18	86	
GLCA0009	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/15/77-09/17/79	2	5	
GLCA0014	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	8	40	
GLCA0016	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/77-09/28/77	0	3	
GLCA0021	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-06/15/82	3	3	
GLCA0118	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	0	1	
GLCA0119	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/19/80-10/19/80	0	3	
GLCA0127	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/16/80-06/16/80	0	1	
GLCA0128	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/11/80-09/11/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0139	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	0	1	
GLCA0141	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/80-05/19/82	2	8	
GLCA0142	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-06/15/82	3	3	
GLCA0146	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-07/12/90	11	38	
GLCA0150	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/04/87-06/04/87	0	1	
GLCA0152	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	8	38	
GLCA0156	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/80-06/12/80	0	1	
GLCA0158	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/80-06/12/80	0	1	
GLCA0163	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/12/90-07/12/90	0	1	
GLCA0164	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	8	131	
GLCA0167	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/26/91	0	2	
GLCA0170	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/27/91	0	2	
GLCA0171	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-05/12/91	0	1	
GLCA0175	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-09/25/91	0	2	
GLCA0177	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/25/91	0	2	
GLCA0178	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-09/25/91	0	2	
GLCA0182	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/14/91-05/14/91	0	1	
GLCA0183	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/14/91-09/27/91	0	2	
GLCA0186	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/78-07/16/91	13	27	
GLCA0007	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0016	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	05/11/85-05/29/85	0	2	
GLCA0018	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/01/71-04/27/72	0	9	
GLCA0151	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/21/92-04/21/92	0	1	
GLCA0016	Yes	01360	SAMPLE LENGTH CM	05/29/85-05/29/85	0	1	
GLCA0016	Yes	01362	SAMPLE WEIGHT-MAXIMUM G	05/29/85-05/29/85	0	1	
GLCA0005	Yes	01501	ALPHA, TOTAL	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01501	ALPHA, TOTAL	11/23/59-09/22/69	9	399	A
GLCA0014	Yes	01501	ALPHA, TOTAL	05/10/78-08/19/86	8	4	
GLCA0027	Yes	01501	ALPHA, TOTAL	05/21/82-05/21/82	0	2	
GLCA0038	Yes	01501	ALPHA, TOTAL	05/20/82-05/20/82	0	1	
GLCA0045	Yes	01501	ALPHA, TOTAL	04/09/80-05/20/82	2	2	
GLCA0119	Yes	01501	ALPHA, TOTAL	04/09/80-04/09/80	0	3	
GLCA0130	Yes	01501	ALPHA, TOTAL	09/11/80-09/11/80	0	1	
GLCA0141	Yes	01501	ALPHA, TOTAL	04/08/80-04/08/80	0	3	
GLCA0145	Yes	01501	ALPHA, TOTAL	05/18/77-05/18/77	0	1	
GLCA0146	Yes	01501	ALPHA, TOTAL	03/15/78-06/14/83	5	9	
GLCA0151	Yes	01501	ALPHA, TOTAL	05/18/77-05/18/77	0	1	
GLCA0152	Yes	01501	ALPHA, TOTAL	01/18/78-06/14/83	5	12	
GLCA0164	No	01501	ALPHA, TOTAL	01/08/80-09/02/86	6	20	
GLCA0186	No	01501	ALPHA, TOTAL	01/09/84-04/29/90	6	20	
GLCA0005	Yes	01502	ALPHA, TOTAL, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	7	314	
GLCA0005	Yes	01503	ALPHA, DISSOLVED	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01503	ALPHA, DISSOLVED	11/23/59-09/22/69	9	399	A
GLCA0051	Yes	01503	ALPHA, DISSOLVED	04/21/59-04/21/59	0	1	
GLCA0005	Yes	01504	ALPHA, DISSOLVED, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	7	314	
GLCA0005	Yes	01505	ALPHA, SUSPENDED	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01505	ALPHA, SUSPENDED	11/23/59-09/22/69	9	399	A
GLCA0005	Yes	01506	ALPHA, SUSPENDED, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	7	314	
GLCA0005	Yes	03501	BETA, TOTAL	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03501	BETA, TOTAL	11/23/59-09/22/69	9	401	A
GLCA0014	Yes	03501	BETA, TOTAL	05/10/78-08/19/86	8	4	
GLCA0027	Yes	03501	BETA, TOTAL	05/21/82-05/21/82	0	3	
GLCA0038	Yes	03501	BETA, TOTAL	05/20/82-05/20/82	0	1	
GLCA0045	Yes	03501	BETA, TOTAL	04/09/80-05/20/82	2	2	
GLCA0119	Yes	03501	BETA, TOTAL	04/09/80-04/09/80	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0130	Yes	03501	BETA, TOTAL	09/11/80-09/11/80	0	1	
GLCA0141	Yes	03501	BETA, TOTAL	04/08/80-04/08/80	0	3	
GLCA0145	Yes	03501	BETA, TOTAL	05/18/77-05/18/77	0	1	
GLCA0146	Yes	03501	BETA, TOTAL	03/15/78-06/14/83	5	9	
GLCA0151	Yes	03501	BETA, TOTAL	05/18/77-05/18/77	0	1	
GLCA0152	Yes	03501	BETA, TOTAL	01/18/78-06/14/83	5	12	
GLCA0164	No	03501	BETA, TOTAL	01/08/80-09/02/86	6	20	
GLCA0186	No	03501	BETA, TOTAL	01/09/84-04/29/90	6	20	
GLCA0005	Yes	03502	BETA, TOTAL, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	7	315	
GLCA0005	Yes	03503	BETA, DISSOLVED	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03503	BETA, DISSOLVED	11/23/59-09/22/69	9	400	A
GLCA0051	Yes	03503	BETA, DISSOLVED	04/21/59-04/21/59	0	1	
GLCA0005	Yes	03504	BETA, DISSOLVED, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	7	315	
GLCA0005	Yes	03505	BETA, SUSPENDED	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03505	BETA, SUSPENDED	11/23/59-09/22/69	9	400	A
GLCA0005	Yes	03506	BETA, SUSPENDED, COUNTING ERROR	05/19/70-01/11/71	0	9	
GLCA0012	Yes	03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	7	315	
GLCA0145	Yes	03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	05/18/77-05/18/77	0	1	
GLCA0146	Yes	03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	05/18/77-05/18/77	0	1	
GLCA0152	Yes	03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	01/18/78-03/15/78	0	2	
GLCA0005	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/18/70-09/29/70	0	2	
GLCA0014	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/10/78-08/19/86	8	3	
GLCA0027	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/21/82-05/21/82	0	3	
GLCA0038	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/20/82-05/20/82	0	1	
GLCA0045	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/09/80-05/20/82	2	2	
GLCA0119	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/09/80-04/09/80	0	3	
GLCA0130	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/11/80-09/11/80	0	1	
GLCA0141	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/08/80-04/08/80	0	3	
GLCA0145	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/18/77-05/18/77	0	1	
GLCA0146	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	03/15/78-06/14/83	5	9	
GLCA0151	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/18/77-05/18/77	0	1	
GLCA0152	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/18/78-06/14/83	5	11	
GLCA0164	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/08/80-06/14/83	3	17	
GLCA0186	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/09/84-01/09/84	0	1	
GLCA0005	Yes	07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	08/18/70-09/29/70	0	2	
GLCA0005	Yes	07005	TRITIUM, DISSOLVED (PC/L)	10/19/70-10/19/70	0	1	
GLCA0005	Yes	07006	TRITIUM, DISSOLVED, COUNTING ERROR (PC/L)	10/19/70-10/19/70	0	1	
GLCA0014	Yes	09501	RADIUM 226, TOTAL	05/10/78-08/19/86	8	4	
GLCA0045	Yes	09501	RADIUM 226, TOTAL	04/09/80-04/09/80	0	1	
GLCA0119	Yes	09501	RADIUM 226, TOTAL	04/09/80-04/09/80	0	3	
GLCA0130	Yes	09501	RADIUM 226, TOTAL	09/11/80-09/11/80	0	1	
GLCA0141	Yes	09501	RADIUM 226, TOTAL	04/08/80-04/08/80	0	3	
GLCA0145	Yes	09501	RADIUM 226, TOTAL	05/18/77-05/18/77	0	1	
GLCA0146	Yes	09501	RADIUM 226, TOTAL	03/15/78-06/14/83	5	9	
GLCA0151	Yes	09501	RADIUM 226, TOTAL	05/18/77-05/18/77	0	1	
GLCA0152	Yes	09501	RADIUM 226, TOTAL	01/18/78-06/14/83	5	11	
GLCA0164	No	09501	RADIUM 226, TOTAL	01/08/80-09/02/86	6	20	
GLCA0186	No	09501	RADIUM 226, TOTAL	01/09/84-04/29/90	6	15	
GLCA0005	Yes	09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	9	100	
GLCA0051	Yes	09503	RADIUM 226, DISSOLVED	04/21/59-04/21/59	0	1	
GLCA0005	Yes	09504	RADIUM 226, DISSOLVED, COUNTING ERROR	09/01/67-06/25/71	3	45	
GLCA0005	Yes	09505	RADIUM 226, SUSPENDED	01/01/69-01/01/69	0	1	
GLCA0005	Yes	09506	RADIUM 226, SUSPENDED, COUNTING ERROR	01/01/69-01/01/69	0	1	
GLCA0005	Yes	09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	01/01/69-01/01/69	0	1	
GLCA0005	Yes	09508	RADIUM 226 IN SEDIMENT, COUNTING ERROR	01/01/69-01/01/69	0	1	
GLCA0009	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	05/28/75-05/28/75	0	6	
GLCA0014	Yes	11501	RADIUM 228, TOTAL	10/21/81-08/19/86	4	2	
GLCA0045	Yes	11501	RADIUM 228, TOTAL	04/09/80-04/09/80	0	1	
GLCA0119	Yes	11501	RADIUM 228, TOTAL	04/09/80-04/09/80	0	3	
GLCA0130	Yes	11501	RADIUM 228, TOTAL	09/11/80-09/11/80	0	1	
GLCA0141	Yes	11501	RADIUM 228, TOTAL	04/08/80-04/08/80	0	3	
GLCA0146	Yes	11501	RADIUM 228, TOTAL	02/26/80-07/13/82	2	7	
GLCA0152	Yes	11501	RADIUM 228, TOTAL	02/26/80-07/13/82	2	8	
GLCA0164	No	11501	RADIUM 228, TOTAL	01/08/80-06/15/82	2	17	
GLCA0012	Yes	13501	STRONTIUM 90, TOTAL	10/01/59-04/01/69	9	17	
GLCA0012	Yes	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-04/01/69	4	3	
GLCA0012	Yes	13503	STRONTIUM 90, DISSOLVED	07/01/69-07/01/69	0	1	
GLCA0165	No	13503	STRONTIUM 90, DISSOLVED	11/18/75-11/18/75	0	1	
GLCA0012	Yes	13504	STRONTIUM 90, DISSOLVED, COUNTING ERROR	07/01/69-07/01/69	0	1	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0012	Yes	15501	STRONTIUM 89, TOTAL	01/01/69-07/01/69	0	3	
GLCA0012	Yes	15502	STRONTIUM 89, TOTAL, COUNTING ERROR	01/01/69-07/01/69	0	3	
GLCA0005	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	9	100	
GLCA0014	Yes	22703	URANIUM, NATURAL, DISSOLVED	10/21/81-10/21/81	0	1	
GLCA0051	Yes	22703	URANIUM, NATURAL, DISSOLVED	04/21/59-04/21/59	0	1	
GLCA0181	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/03/69-09/03/69	0	1	
GLCA0014	Yes	22708	URANIUM, NATURAL TOTAL MG/L	10/21/81-10/21/81	0	1	
GLCA0164	No	22708	URANIUM, NATURAL TOTAL MG/L	06/15/82-04/02/85	2	2	
GLCA0004	Yes	29804	BICARBONATE,WTR,DISS.,FIX ENDPT,FIELD,AS HCO3,MG/L	01/16/92-03/19/92	0	2	
GLCA0012	Yes	30004	FENSULFOTHION, WATER, WHOLE, RECOVERABLE UG/L	08/15/70-11/16/70	0	4	
GLCA0012	Yes	30205	TEMPERATURE, WOOD (FIRE POTENTIAL) DEG F	10/23/68-10/23/68	0	1	
GLCA0004	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/19/74-08/27/74	0	6	
GLCA0009	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/74-06/25/74	0	3	
GLCA0164	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/13/79-02/13/79	0	1	
GLCA0165	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/76-09/09/76	0	1	
GLCA0012	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	6	242	
GLCA0014	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/78-08/15/79	1	7	
GLCA0114	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	1	4	
GLCA0118	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	1	3	
GLCA0125	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/19/80-10/19/80	0	3	
GLCA0130	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/80-09/11/80	0	2	
GLCA0139	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	1	3	
GLCA0142	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-03/18/80	0	3	
GLCA0145	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	0	5	
GLCA0146	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/15/78-11/07/79	1	8	
GLCA0151	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	0	4	
GLCA0152	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/14/78-11/07/79	1	7	
GLCA0156	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
GLCA0158	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
GLCA0164	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/15/78-11/07/79	1	16	
GLCA0186	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/13/78-02/24/81	3	9	
GLCA0164	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/13/79-02/13/79	0	1	
GLCA0014	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/10/78-08/15/79	1	6	
GLCA0114	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	1	4	
GLCA0118	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	1	3	
GLCA0130	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/80-09/11/80	0	2	
GLCA0139	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	1	2	
GLCA0142	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-03/18/80	0	3	
GLCA0145	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-11/09/77	0	5	
GLCA0146	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	1	10	
GLCA0151	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-07/14/77	0	3	
GLCA0152	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	1	8	
GLCA0156	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
GLCA0158	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
GLCA0164	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/15/78-11/07/79	1	16	
GLCA0186	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/13/78-02/24/81	3	8	
GLCA0004	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/74-09/20/76	2	21	
GLCA0009	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/74-09/15/77	3	4	
GLCA0165	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/76-09/09/76	0	1	
GLCA0004	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	16	115	
GLCA0009	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/77-10/17/79	2	25	
GLCA0004	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	16	110	
GLCA0009	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/15/77-11/15/79	2	24	
GLCA0004	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/19/74-09/20/76	2	21	
GLCA0009	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/24/74-08/15/78	4	5	
GLCA0165	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/09/76-09/09/76	0	1	
GLCA0012	Yes	32000	SAMPLE SIZE (LITERS)	11/15/67-02/17/71	3	24	
GLCA0012	Yes	32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	11	56	
GLCA0012	Yes	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	11	62	
GLCA0012	Yes	32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	11	58	
GLCA0012	Yes	32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	11	62	
GLCA0012	Yes	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32023	ACIDS, STRONG	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32024	ACIDS, WEAK	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32025	BASES	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32026	NEUTRALS, TOTAL	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32027	ALIPHATICS FRACTION OF NEUTRALS	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32028	AROMATICS FRACTION OF NEUTRALS	11/30/59-12/07/61	2	17	
GLCA0012	Yes	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	11/30/59-12/07/61	2	17	
GLCA0008	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0008	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0008	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0008	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0008	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0039	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/07/77	0	2	
GLCA0040	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/30/77-03/30/77	0	1	
GLCA0041	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	0	1	
GLCA0048	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/03/77-04/03/77	0	2	
GLCA0050	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	0	1	
GLCA0053	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/04/77	0	2	
GLCA0056	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-03/30/77	0	2	
GLCA0059	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/07/77-04/07/77	0	1	
GLCA0061	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/06/77	0	2	
GLCA0063	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/30/77-03/30/77	0	1	
GLCA0064	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-06/09/76	0	1	
GLCA0067	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/07/77	0	2	
GLCA0068	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/10/76-04/06/77	0	2	
GLCA0070	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	0	3	
GLCA0072	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/07/77	0	2	
GLCA0073	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	0	2	
GLCA0074	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/07/77	0	2	
GLCA0076	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	0	2	
GLCA0077	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	0	2	
GLCA0079	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	0	2	
GLCA0081	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/05/77-04/05/77	0	1	
GLCA0083	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/08/77	0	2	
GLCA0084	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-06/09/76	0	1	
GLCA0086	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	0	2	
GLCA0087	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	0	2	
GLCA0088	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	0	2	
GLCA0092	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	0	1	
GLCA0101	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	0	1	
GLCA0102	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	0	1	
GLCA0103	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	0	1	
GLCA0106	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	0	1	
GLCA0112	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	0	1	
GLCA0010	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/02/75	0	3	
GLCA0015	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/01/75	0	3	
GLCA0019	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/14/75-12/02/75	0	2	
GLCA0022	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/14/75-12/02/75	0	2	
GLCA0023	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-04/16/75	0	1	
GLCA0024	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/02/75	0	3	
GLCA0025	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/02/75	0	3	
GLCA0033	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/02/75	0	4	
GLCA0047	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	0	3	
GLCA0066	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	0	3	
GLCA0082	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	0	3	
GLCA0107	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/03/75	0	3	
GLCA0113	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/04/75	0	3	
GLCA0117	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/03/75	0	3	
GLCA0121	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-12/03/75	0	4	
GLCA0122	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/03/75	0	3	
GLCA0123	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/02/75	0	4	
GLCA0138	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-12/03/75	0	3	
GLCA0149	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/03/75	0	3	
GLCA0004	Yes	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	12/30/74-07/26/76	1	5	
GLCA0004	Yes	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	12/30/74-07/26/76	1	5	
GLCA0008	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34200	ACENAPHTHYLENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34200	ACENAPHTHYLENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	34204	ACENAPHTHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34205	ACENAPHTHENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34205	ACENAPHTHENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34209	ACENAPHTHENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34210	ACROLEIN TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0007	Yes	34213	ACROLEIN DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34213	ACROLEIN DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34214	ACROLEIN WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34215	ACRYLONITRILE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0007	Yes	34218	ACRYLONITRILE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34218	ACRYLONITRILE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34219	ACRYLONITRILE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34220	ANTHRACENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34220	ANTHRACENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34224	ANTHRACENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34224	ANTHRACENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34237	BENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34238	BENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34238	BENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34241	BENZIDINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34241	BENZIDINE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34247	BENZO-A-PYRENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34247	BENZO-A-PYRENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34251	BENZO-A-PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34252	BERYLLIUM WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34252	BERYLLIUM WET WGTTISMG/KG	05/11/85-05/29/85	0	2	
GLCA0007	Yes	34257	B-BHC-BETA DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	34257	B-BHC-BETA DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34257	B-BHC-BETA DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34258	B-BHC-BETA WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34258	B-BHC-BETA WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0016	Yes	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	34272	BIS (CHLOROMETHYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34290	BROMOFORM DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34290	BROMOFORM DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34290	BROMOFORM DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34291	BROMOFORM WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34291	BROMOFORM WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34301	CHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34301	CHLOROBENZENE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34304	CHLOROBENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34304	CHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34304	CHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34305	CHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34305	CHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34311	CHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34311	CHLOROETHANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34314	CHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34314	CHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34314	CHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34315	CHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34315	CHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34318	CHLOROFORM DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34318	CHLOROFORM DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34318	CHLOROFORM DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34319	CHLOROFORM WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34320	CHRYSENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34320	CHRYSENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34324	CHRYSENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34324	CHRYSENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34336	DIETHYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34336	DIETHYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34341	DIMETHYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34341	DIMETHYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	08/29/80-08/29/80	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	05/29/85-07/01/85	0	2	
GLCA0008	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34371	ETHYLBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34371	ETHYLBENZENE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34375	ETHYLBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34375	ETHYLBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34376	FLUORANTHENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34376	FLUORANTHENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34380	FLUORANTHENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34380	FLUORANTHENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34381	FLUORENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34381	FLUORENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34384	FLUORENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34385	FLUORENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34385	FLUORENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34391	HEXACHLOROBUTADIENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34396	HEXACHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34396	HEXACHLOROETHANE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34400	HEXACHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34408	ISOPHORONE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34408	ISOPHORONE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34412	ISOPHORONE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34412	ISOPHORONE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34413	METHYL BROMIDE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34413	METHYL BROMIDE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34416	METHYL BROMIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34416	METHYL BROMIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34416	METHYL BROMIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34417	METHYL BROMIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34417	METHYL BROMIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34418	METHYL CHLORIDE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34418	METHYL CHLORIDE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34422	METHYL CHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34422	METHYL CHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	05/07/81-05/07/81	0	2	
GLCA0008	Yes	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34446	NAPHTHALENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34446	NAPHTHALENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34447	NITROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34447	NITROBENZENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34451	NITROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34451	NITROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34452	PARACHLOROMETA CRESOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34461	PHENANTHRENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34461	PHENANTHRENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34465	PHENANTHRENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34465	PHENANTHRENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34468	PHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34468	PHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34469	PYRENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34469	PYRENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34472	PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34473	PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34473	PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	34474	SILVER WET WGTTISMG/KG	05/11/85-05/29/85	0	2	
GLCA0018	Yes	34474	SILVER WET WGTTISMG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	34474	SILVER WET WGTTISMG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	34474	SILVER WET WGTTISMG/KG	12/01/71-04/27/72	0	9	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34480	THALLIUM DRY WGTBOTMG/KG	06/02/81-06/02/81	0	1	
GLCA0016	Yes	34480	THALLIUM DRY WGTBOTMG/KG	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34483	TOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34484	TOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34484	TOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0007	Yes	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0007	Yes	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0007	Yes	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	

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

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From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34561	1,3-DICHLOROPROPENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34561	1,3-DICHLOROPROPENE TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0016	Yes	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34565	1,3-DICHLOROPROPENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34565	1,3-DICHLOROPROPENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	05/07/81-06/02/81	0	3	
GLCA0008	Yes	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34581	2-CHLORONAPHTHALENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	05/11/85-05/29/85	0	2	
GLCA0008	Yes	34586	2-CHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34586	2-CHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34590	2-CHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34591	2-NITROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	34591	2-NITROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34595	2-NITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34595	2-NITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34601	2,4-DICHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34611	2,4-DINITROTOLUENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34611	2,4-DINITROTOLUENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34616	2,4-DINITROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34616	2,4-DINITROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34626	2,6-DINITROTOLUENE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34626	2,6-DINITROTOLUENE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	05/11/85-05/29/85	0	2	
GLCA0008	Yes	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34646	4-NITROPHENOL TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34646	4-NITROPHENOL TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34650	4-NITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34650	4-NITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	34654	P,P'-DDE SUSPUG/L	05/29/85-05/29/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34664	PCB - 1221 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34664	PCB - 1221 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34667	PCB - 1232 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34667	PCB - 1232 WET WGTTISMG/KG	05/11/85-07/01/85	0	2	
GLCA0008	Yes	34669	PCB - 1248 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34669	PCB - 1248 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34670	PCB - 1260 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34670	PCB - 1260 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34671	PCB - 1016 TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34671	PCB - 1016 TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34674	PCB - 1016 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34674	PCB - 1016 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/01/71-04/27/72	0	9	
GLCA0008	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34685	ENDRIN WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34685	ENDRIN WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	34685	ENDRIN WET WGTTISMG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	34685	ENDRIN WET WGTTISMG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	34685	ENDRIN WET WGTTISMG/KG	12/01/71-04/27/72	0	9	
GLCA0008	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/01/71-04/27/72	0	9	
GLCA0008	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	34687	HEPTACHLOR WET WGTTISMG/KG	12/01/71-04/27/72	0	9	
GLCA0008	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34689	PCB - 1242 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34689	PCB - 1242 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34690	PCB - 1254 WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34690	PCB - 1254 WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34691	TOXAPHENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34691	TOXAPHENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34693	VINYL CHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34693	VINYL CHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/29/85-05/29/85	0	1	
GLCA0007	Yes	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	05/07/81-06/02/81	0	3	
GLCA0016	Yes	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/29/85-05/29/85	0	1	
GLCA0012	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-09/30/68	4	42	
GLCA0014	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/10/78-05/16/79	1	4	
GLCA0114	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	0	1	
GLCA0118	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	0	1	
GLCA0128	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/84-10/15/84	0	1	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0129	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/07/74-03/07/74	0	1	
GLCA0139	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	0	1	
GLCA0142	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	0	1	
GLCA0145	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/15/78-03/14/79	0	2	
GLCA0151	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/16/77-11/09/77	0	4	
GLCA0152	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/15/78-03/14/79	0	2	
GLCA0160	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/01/68-07/01/68	0	1	
GLCA0164	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	01/12/77-06/27/79	2	19	
GLCA0186	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/13/78-04/24/79	1	5	
GLCA0146	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	0	1	
GLCA0150	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	0	1	
GLCA0163	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	0	1	
GLCA0004	Yes	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	09/03/76-05/03/78	1	4	
GLCA0008	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0004	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/02/82-03/02/82	0	1	
GLCA0004	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/12/88-09/07/93	4	34	
GLCA0011	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/05/89-10/10/89	0	6	
GLCA0004	Yes	39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/03/77-05/03/77	0	1	
GLCA0008	Yes	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	05/11/85-05/11/85	0	1	
GLCA0008	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/11/85-05/11/85	0	1	
GLCA0018	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	11/02/71-11/29/71	0	7	
GLCA0166	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/01/71-04/27/72	0	9	
GLCA0007	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	6	61	
GLCA0011	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/05/89-10/10/89	0	6	
GLCA0008	Yes	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0008	Yes	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/02/82-03/02/82	0	1	
GLCA0008	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	07/01/85-07/01/85	0	1	
GLCA0004	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/05/81-11/05/81	0	1	
GLCA0018	Yes	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	11/02/71-11/29/71	0	7	
GLCA0166	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/01/71-04/27/72	0	9	
GLCA0008	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0008	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	0	1	
GLCA0007	Yes	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0016	Yes	39307	O P DDT IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	0	1	
GLCA0008	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	0	1	
GLCA0014	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0007	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0008	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	0	1	
GLCA0018	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	11/02/71-11/29/71	0	7	
GLCA0166	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	0	9	
GLCA0007	Yes	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	0	1	
GLCA0014	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	0	2	
GLCA0016	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	0	2	
GLCA0007	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/01/71-04/27/72	0	9	
GLCA0016	Yes	39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	0	1	
GLCA0007	Yes	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/29/80-08/29/80	0	1	
GLCA0014	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/01/85-07/01/85	0	1	
GLCA0164	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/60-09/29/67	7	7	
GLCA0016	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0004	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	0	1	
GLCA0014	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0164	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0004	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0004	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0004	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0004	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0164	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0004	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/24/76-11/05/81	5	5	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0007	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/02/82-03/02/82	0	1	
GLCA0014	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0164	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/81-11/05/81	0	1	
GLCA0007	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	0	1	
GLCA0016	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	0	2	
GLCA0004	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0014	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	0	2	
GLCA0016	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	0	2	
GLCA0004	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	0	1	
GLCA0018	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	11/02/71-11/29/71	0	7	
GLCA0166	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	0	9	
GLCA0004	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0012	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	7	
GLCA0014	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0016	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	0	1	
GLCA0004	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0014	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	0	1	
GLCA0016	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0164	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/03/85	0	1	
GLCA0004	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/24/76-11/05/81	5	5	
GLCA0007	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/02/81-06/02/81	0	1	
GLCA0016	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/29/85-05/29/85	0	1	
GLCA0018	Yes	39482	METHOXYCHLOR IN FISH - UG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39482	METHOXYCHLOR IN FISH - UG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	39482	METHOXYCHLOR IN FISH - UG/KG	12/01/71-04/27/72	0	9	
GLCA0008	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0008	Yes	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/29/80-08/29/80	0	1	
GLCA0008	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/29/80-08/29/80	0	1	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0016	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0007	Yes	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	0	1	
GLCA0008	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	0	1	
GLCA0014	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/04/85-09/04/85	0	1	
GLCA0016	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0164	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/03/85-09/03/85	0	1	
GLCA0007	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	0	1	
GLCA0007	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/02/81-06/02/81	0	1	
GLCA0008	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/02/78-03/02/82	4	11	
GLCA0004	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/78-11/05/81	3	2	
GLCA0004	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0014	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	0	1	
GLCA0004	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	05/24/76-05/03/78	1	5	
GLCA0004	Yes	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/03/77-05/03/77	0	1	
GLCA0008	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	0	1	
GLCA0016	Yes	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	07/01/85-07/01/85	0	1	
GLCA0008	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0004	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	8	
GLCA0004	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	1	2	
GLCA0004	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	8	
GLCA0004	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	1	2	
GLCA0004	Yes	39755	MIREX, TOTAL (UG/L)	03/02/82-03/02/82	0	1	
GLCA0004	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/05/81-11/05/81	0	1	
GLCA0004	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	8	
GLCA0014	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	0	2	
GLCA0164	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	0	2	
GLCA0004	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	1	2	
GLCA0014	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	0	1	
GLCA0164	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	0	2	
GLCA0008	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/80-08/29/80	0	1	
GLCA0016	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0018	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/07/71-12/07/71	0	4	
GLCA0089	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/71-11/29/71	0	7	
GLCA0166	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/01/71-04/27/72	0	9	
GLCA0004	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0004	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	5	15	
GLCA0004	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	2	4	
GLCA0016	Yes	45145	DIMETHYLNAPHTHALENE IN SEDIMENT UG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	45511	XYLENE TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0004	Yes	60050	ALGAE, TOTAL (CELLS/ML)	08/30/75-08/03/81	5	26	
GLCA0012	Yes	60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	7	102	
GLCA0012	Yes	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	102	
GLCA0012	Yes	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	102	
GLCA0012	Yes	60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	7	102	
GLCA0012	Yes	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	7	102	
GLCA0012	Yes	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	6	101	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0012	Yes	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	6	101	
GLCA0012	Yes	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	5	63	
GLCA0012	Yes	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/04/66-11/04/66	0	1	
GLCA0012	Yes	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/04/66-11/04/66	0	1	
GLCA0012	Yes	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-05/02/67	0	3	
GLCA0012	Yes	60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	6	100	
GLCA0012	Yes	60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	6	101	
GLCA0012	Yes	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-09/30/68	1	15	
GLCA0012	Yes	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/04/68	2	16	
GLCA0012	Yes	60820	PROTOZOA, TOTAL (/ML)	10/02/61-04/01/63	1	25	
GLCA0012	Yes	60850	ROTIFERS, TOTAL (/LITER)	10/02/61-04/15/63	1	27	
GLCA0012	Yes	60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-04/15/63	1	27	
GLCA0012	Yes	60950	NEMATODES, TOTAL (/LITER)	10/02/61-04/15/63	1	26	
GLCA0012	Yes	60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-04/15/63	1	26	
GLCA0012	Yes	63400	INVALID	09/30/68-09/30/68	0	1	
GLCA0001	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/06/76-08/06/76	0	1	
GLCA0003	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/76-08/04/76	0	1	
GLCA0004	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	45	771	T,S
GLCA0009	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	32	91	S
GLCA0011	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/89-10/10/89	0	6	
GLCA0014	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	8	41	
GLCA0017	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/07/80-05/21/82	2	7	
GLCA0020	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/77-09/13/77	0	1	
GLCA0021	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/77-09/09/77	0	1	
GLCA0027	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/10/80-02/26/82	1	8	
GLCA0028	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/53-09/11/53	0	1	
GLCA0029	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/53-09/11/53	0	1	
GLCA0030	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/53-09/13/53	0	1	
GLCA0034	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/02/53-09/02/53	0	1	
GLCA0038	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	0	7	
GLCA0045	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	0	7	
GLCA0051	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/59-04/21/59	0	1	
GLCA0052	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/54-09/17/54	0	1	
GLCA0110	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-05/18/82	2	11	
GLCA0111	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/01/51-09/21/53	2	80	
GLCA0114	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-06/15/82	3	5	
GLCA0115	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/57-09/10/57	0	1	
GLCA0116	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/48-10/04/48	0	1	
GLCA0118	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	0	9	
GLCA0120	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/57-09/09/57	0	1	
GLCA0125	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/19/80-10/19/80	0	3	
GLCA0126	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/75-08/17/75	0	1	
GLCA0128	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/84-10/15/84	0	1	
GLCA0130	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/80-09/11/80	0	2	
GLCA0131	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/75-08/19/75	0	1	
GLCA0132	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/75-08/19/75	0	1	
GLCA0133	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/60-05/13/60	0	1	
GLCA0134	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/75-08/18/75	0	1	
GLCA0135	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/48-10/04/48	0	1	
GLCA0136	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/59-04/27/59	0	1	
GLCA0137	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/47-09/23/47	0	1	
GLCA0139	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-09/11/80	1	3	
GLCA0140	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/50-09/21/56	5	206	
GLCA0141	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/80-05/19/82	2	8	
GLCA0142	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-06/15/82	3	4	
GLCA0144	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/59-04/23/59	0	1	
GLCA0145	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/16/77-11/09/77	0	6	
GLCA0146	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-07/12/90	12	46	
GLCA0150	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-07/12/90	0	1	
GLCA0151	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/16/77-06/04/87	10	6	
GLCA0152	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	9	46	
GLCA0154	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/63-06/09/63	0	1	
GLCA0156	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	0	2	
GLCA0158	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/12/80-06/12/80	0	1	
GLCA0163	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-07/12/90	0	1	
GLCA0164	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	9	139	
GLCA0165	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/69-11/17/70	1	5	
GLCA0167	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-04/30/92	0	3	
GLCA0168	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-04/30/92	0	3	
GLCA0170	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-05/01/92	0	3	
GLCA0171	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/02/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0175	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/04/92	0	3	
GLCA0177	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-05/04/92	0	3	
GLCA0178	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/04/92	0	3	
GLCA0181	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/03/69-09/03/69	0	1	
GLCA0182	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/14/91	0	1	
GLCA0183	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/03/92	0	3	
GLCA0184	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/22/77-10/22/77	0	1	
GLCA0185	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/04/70-03/04/70	0	1	
GLCA0186	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	14	39	
GLCA0001	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/06/76-08/06/76	0	1	
GLCA0003	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/76-08/04/76	0	1	
GLCA0004	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	57	423	T,S
GLCA0009	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/71-11/15/79	8	31	
GLCA0020	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/18/77-10/18/77	0	1	
GLCA0021	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/23/73-06/11/81	8	3	
GLCA0026	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/59-04/21/59	0	1	
GLCA0031	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/31/74-05/31/74	0	1	
GLCA0036	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/30/74-05/30/74	0	1	
GLCA0037	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/29/74-05/29/74	0	1	
GLCA0051	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/59-04/21/59	0	1	
GLCA0057	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/31/74-05/31/74	0	1	
GLCA0058	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/23/57-11/23/57	0	1	
GLCA0065	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/13/57-12/13/57	0	1	
GLCA0071	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/24/81-10/24/81	0	1	
GLCA0124	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/81-10/22/81	0	1	
GLCA0126	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/75-08/17/75	0	1	
GLCA0129	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/07/74-03/07/74	0	1	
GLCA0131	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/75-08/19/75	0	1	
GLCA0132	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/75-08/19/75	0	1	
GLCA0133	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/13/60-05/13/60	0	1	
GLCA0134	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/75-08/18/75	0	1	
GLCA0135	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/57-09/08/57	0	1	
GLCA0143	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/59-04/23/59	0	1	
GLCA0147	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/48-10/03/48	0	1	
GLCA0148	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/47-06/25/47	0	1	
GLCA0153	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/06/76-01/06/76	0	1	
GLCA0154	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/09/63-06/09/63	0	1	
GLCA0155	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/27/59-05/13/75	16	3	
GLCA0160	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/68-07/01/68	0	1	
GLCA0165	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/69-08/04/76	6	18	
GLCA0173	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
GLCA0174	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
GLCA0176	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
GLCA0181	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-09/03/69	0	1	
GLCA0184	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/77-10/22/77	0	1	
GLCA0185	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	0	1	
GLCA0004	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	57	931	T,S
GLCA0009	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	32	92	S
GLCA0031	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/31/74-05/31/74	0	1	
GLCA0037	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/29/74-05/29/74	0	1	
GLCA0057	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/31/74-05/31/74	0	1	
GLCA0124	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/22/81-10/22/81	0	1	
GLCA0126	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/75-08/17/75	0	1	
GLCA0131	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/75-08/19/75	0	1	
GLCA0134	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/75-08/18/75	0	1	
GLCA0140	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	12/01/50-09/21/56	5	206	
GLCA0153	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/06/76-01/06/76	0	1	
GLCA0165	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/69-08/04/76	6	19	
GLCA0001	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/06/76-08/06/76	0	1	
GLCA0003	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/76-08/04/76	0	1	
GLCA0004	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	57	933	T,S
GLCA0009	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	32	93	S
GLCA0020	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/18/77-10/18/77	0	1	
GLCA0031	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/31/74-05/31/74	0	1	
GLCA0036	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/30/74-05/30/74	0	1	
GLCA0037	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/29/74-05/29/74	0	1	
GLCA0051	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/59-04/21/59	0	1	
GLCA0057	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/31/74-05/31/74	0	1	
GLCA0111	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/51-09/21/53	2	80	
GLCA0124	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/81-10/22/81	0	1	
GLCA0126	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/75-08/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0131	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/75-08/19/75	0	1	
GLCA0132	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/75-08/19/75	0	1	
GLCA0134	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/75-08/18/75	0	1	
GLCA0140	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/01/50-09/21/56	5	206	
GLCA0153	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/06/76-01/06/76	0	1	
GLCA0155	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/13/75-05/13/75	0	1	
GLCA0165	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/69-08/04/76	6	19	
GLCA0184	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/77-10/22/77	0	1	
GLCA0004	Yes	70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	10/02/51-01/01/63	11	12	
GLCA0009	Yes	70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	08/14/65-08/25/71	6	3	
GLCA0004	Yes	70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	10/02/51-01/01/63	11	15	
GLCA0009	Yes	70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	08/14/65-08/25/71	6	4	
GLCA0004	Yes	70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	10/02/51-01/01/63	11	13	
GLCA0009	Yes	70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	08/14/65-08/25/71	6	5	
GLCA0004	Yes	70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	10/31/51-01/01/63	11	14	
GLCA0009	Yes	70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	08/14/65-08/25/71	6	5	
GLCA0004	Yes	70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	10/02/51-01/01/63	11	12	
GLCA0009	Yes	70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	08/14/65-08/25/71	6	5	
GLCA0004	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	39	217	T,S
GLCA0009	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	36	39	S
GLCA0011	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/05/89-10/10/89	0	6	
GLCA0140	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/03/51-08/27/52	0	36	
GLCA0004	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	13	121	
GLCA0009	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	07/25/54-04/22/76	21	31	
GLCA0140	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/03/51-08/27/52	0	34	
GLCA0004	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	13	116	
GLCA0009	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	07/25/54-04/22/76	21	27	
GLCA0140	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/03/51-07/21/52	0	26	
GLCA0004	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	11	90	
GLCA0009	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/08/54-04/22/76	21	10	
GLCA0140	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/03/51-06/23/52	0	12	
GLCA0004	Yes	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	05/27/61-05/27/61	0	1	
GLCA0009	Yes	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	08/04/61-08/29/65	4	3	
GLCA0004	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	13	43	
GLCA0009	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	19	84	
GLCA0140	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/03/51-05/10/52	0	6	
GLCA0004	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	13	121	
GLCA0009	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	22	102	S
GLCA0140	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/03/51-08/27/52	0	33	
GLCA0004	Yes	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/02/51-01/01/63	11	14	
GLCA0009	Yes	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	07/12/57-10/25/71	14	8	
GLCA0140	Yes	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/03/51-05/10/52	0	6	
GLCA0004	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	13	121	
GLCA0009	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	22	102	S
GLCA0140	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/03/51-08/27/52	0	33	
GLCA0004	Yes	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/02/51-01/01/63	11	14	
GLCA0009	Yes	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	07/12/57-10/25/71	14	8	
GLCA0140	Yes	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/03/51-05/10/52	0	6	
GLCA0004	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/07/59-04/10/65	5	23	
GLCA0009	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	21	79	
GLCA0004	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	10/07/59-04/10/65	5	22	
GLCA0009	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	21	68	
GLCA0004	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	10/07/59-04/10/65	5	20	
GLCA0009	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	21	56	
GLCA0004	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/17/60-01/01/63	2	4	
GLCA0009	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	08/04/61-07/31/76	14	26	
GLCA0009	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	08/04/61-08/28/72	11	6	
GLCA0009	Yes	70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	08/28/72-08/28/72	0	1	
GLCA0004	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/30/75-12/18/92	17	30	
GLCA0011	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/05/89-10/10/89	0	12	
GLCA0004	Yes	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/16/79-06/04/80	0	3	
GLCA0004	Yes	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	06/06/78-06/04/80	1	6	
GLCA0004	Yes	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	06/06/78-06/04/80	1	6	
GLCA0012	Yes	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	05/02/67-05/02/67	0	1	
GLCA0012	Yes	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	05/02/67-05/02/67	0	1	
GLCA0016	Yes	71498	MACROINVERTEBRATE ORGANISM NO/SAMPLE	05/29/85-05/29/85	0	1	
GLCA0004	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/05/87-03/05/87	0	1	
GLCA0014	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	8	38	
GLCA0017	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-03/11/81	0	7	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0110	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	71830	HYDROXIDE ION (MG/L AS OH)	02/03/80-03/11/81	1	10	
GLCA0129	No	71830	HYDROXIDE ION (MG/L AS OH)	03/07/74-03/07/74	0	1	
GLCA0130	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/08/80-05/19/82	2	8	
GLCA0142	No	71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-07/12/90	12	42	
GLCA0150	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	9	42	
GLCA0156	No	71830	HYDROXIDE ION (MG/L AS OH)	08/09/79-06/12/80	0	2	
GLCA0158	No	71830	HYDROXIDE ION (MG/L AS OH)	06/12/80-06/12/80	0	1	
GLCA0160	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/01/68-07/01/68	0	1	
GLCA0163	No	71830	HYDROXIDE ION (MG/L AS OH)	07/12/90-07/12/90	0	1	
GLCA0164	No	71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	9	134	
GLCA0167	No	71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-04/30/92	0	3	
GLCA0168	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-04/30/92	0	3	
GLCA0170	No	71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-05/01/92	0	3	
GLCA0171	No	71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/02/92	0	2	
GLCA0175	No	71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/04/92	0	3	
GLCA0177	No	71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-05/04/92	0	3	
GLCA0178	No	71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/04/92	0	3	
GLCA0182	No	71830	HYDROXIDE ION (MG/L AS OH)	05/14/91-05/14/91	0	1	
GLCA0183	No	71830	HYDROXIDE ION (MG/L AS OH)	05/14/91-05/03/92	0	3	
GLCA0186	No	71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	14	39	
GLCA0004	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/06/81	1	20	
GLCA0004	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-03/02/83	3	28	
GLCA0129	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/07/74-03/07/74	0	1	
GLCA0004	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/01/47-08/30/75	27	423	
GLCA0009	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/01/47-02/01/50	2	56	
GLCA0021	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/09/77-09/09/77	0	1	
GLCA0051	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/21/59-04/21/59	0	1	
GLCA0111	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/01/51-09/11/53	2	63	
GLCA0140	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/01/50-09/21/56	5	206	
GLCA0148	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/25/47-06/25/47	0	1	
GLCA0004	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	49	288	S
GLCA0020	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/73-09/09/77	4	3	
GLCA0026	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/59-04/21/59	0	1	
GLCA0028	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/53-09/11/53	0	1	
GLCA0029	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/53-09/11/53	0	1	
GLCA0030	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/53-09/13/53	0	1	
GLCA0034	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/02/53-09/02/53	0	1	
GLCA0052	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/54-09/17/54	0	1	
GLCA0058	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/23/57-11/23/57	0	1	
GLCA0065	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/13/57-12/13/57	0	1	
GLCA0115	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/57-09/10/57	0	1	
GLCA0116	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/48-10/04/48	0	1	
GLCA0120	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/57-09/09/57	0	1	
GLCA0129	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/74-03/07/74	0	1	
GLCA0131	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/26/59-04/26/59	0	1	
GLCA0133	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/13/60-05/13/60	0	1	
GLCA0135	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/48-09/08/57	8	2	
GLCA0136	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-04/27/59	0	1	
GLCA0137	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/47-09/23/47	0	1	
GLCA0143	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-04/27/59	0	1	
GLCA0144	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/59-04/23/59	0	1	
GLCA0147	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/48-10/03/48	0	1	
GLCA0154	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/09/63-06/09/63	0	1	
GLCA0155	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-06/09/63	4	2	
GLCA0160	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/68-07/01/68	0	1	
GLCA0181	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/03/69-09/03/69	0	1	
GLCA0185	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/04/70-03/04/70	0	1	
GLCA0004	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/10/73-08/30/75	2	30	
GLCA0004	Yes	71885	IRON (UG/L AS FE)	11/01/42-09/07/64	21	90	
GLCA0181	Yes	71885	IRON (UG/L AS FE)	09/03/69-09/03/69	0	1	
GLCA0185	No	71885	IRON (UG/L AS FE)	03/04/70-03/04/70	0	1	
GLCA0004	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-04/03/84	4	41	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0009	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/17/79-09/17/79	0	1	
GLCA0014	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/17/79-12/05/84	5	11	
GLCA0017	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/07/80-12/04/80	0	3	
GLCA0027	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/10/80-12/04/80	0	6	
GLCA0038	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	0	6	
GLCA0045	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	0	6	
GLCA0110	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	0	8	
GLCA0114	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	1	4	
GLCA0118	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	1	3	
GLCA0119	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	0	8	
GLCA0125	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/19/80-10/19/80	0	2	
GLCA0130	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/80-09/11/80	0	2	
GLCA0139	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	1	3	
GLCA0141	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/08/80-12/02/80	0	6	
GLCA0142	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-03/18/80	0	3	
GLCA0146	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/14/79-07/12/90	11	12	
GLCA0150	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/12/90-07/12/90	0	1	
GLCA0151	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/04/87-06/04/87	0	1	
GLCA0152	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/14/79-06/09/81	2	12	
GLCA0156	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/09/79-06/12/80	0	2	
GLCA0158	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/12/80-06/12/80	0	1	
GLCA0163	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/12/90-07/12/90	0	1	
GLCA0164	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/09/79-11/27/84	5	46	
GLCA0186	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/24/79-04/29/90	11	10	
GLCA0004	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	7	57	
GLCA0009	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/15/77-09/17/79	2	5	
GLCA0004	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	18	61	
GLCA0009	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/15/77-09/17/79	2	5	
GLCA0021	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/77-09/09/77	0	1	
GLCA0165	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/18/75-11/18/75	0	1	
GLCA0186	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/14/92-10/13/92	0	3	
GLCA0004	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	05/28/74-08/03/81	7	18	
GLCA0009	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	09/15/77-09/17/79	2	5	
GLCA0004	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	18	77	
GLCA0008	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/29/80-08/29/80	0	1	
GLCA0009	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/15/77-11/15/79	2	6	
GLCA0014	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	8	37	
GLCA0016	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/29/85-07/01/85	0	2	
GLCA0017	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/07/80-05/21/82	2	7	
GLCA0020	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/13/77-09/13/77	0	1	
GLCA0021	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/23/73-09/09/77	4	3	
GLCA0027	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/10/80-02/26/82	1	7	
GLCA0038	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/03/80-03/11/81	1	10	
GLCA0125	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/19/80-10/19/80	0	3	
GLCA0127	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/16/80-06/16/80	0	1	
GLCA0128	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-03/18/80	0	2	
GLCA0141	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/08/80-05/19/82	2	8	
GLCA0142	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-07/12/90	12	38	
GLCA0150	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	9	38	
GLCA0156	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/79-06/12/80	0	2	
GLCA0158	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/12/80-06/12/80	0	1	
GLCA0163	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/12/90-07/12/90	0	1	
GLCA0164	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	9	134	
GLCA0167	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/26/91	0	2	
GLCA0170	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/27/91	0	2	
GLCA0171	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-05/12/91	0	1	
GLCA0175	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-09/25/91	0	2	
GLCA0177	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/25/91	0	2	
GLCA0178	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-09/25/91	0	2	
GLCA0182	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/14/91-05/14/91	0	1	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0183	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/14/91-09/27/91	0	2	
GLCA0186	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	13	34	
GLCA0007	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/02/81-06/02/81	0	1	
GLCA0008	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/29/85-05/29/85	0	1	
GLCA0008	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0018	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/07/71-12/07/71	0	4	
GLCA0089	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	11/02/71-11/29/71	0	7	
GLCA0166	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
GLCA0008	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0018	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/07/71-12/07/71	0	4	
GLCA0089	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	11/02/71-11/29/71	0	7	
GLCA0166	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
GLCA0008	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0008	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0016	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0018	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/07/71-12/07/71	0	4	
GLCA0089	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	11/02/71-11/29/71	0	7	
GLCA0166	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
GLCA0008	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0016	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/11/85-05/29/85	0	2	
GLCA0018	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/07/71-12/07/71	0	4	
GLCA0089	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	11/02/71-11/29/71	0	7	
GLCA0166	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
GLCA0008	Yes	71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/29/80-08/29/80	0	1	
GLCA0014	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/08/80-03/09/81	0	3	
GLCA0017	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/07/80-02/26/82	1	5	
GLCA0027	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	0	8	
GLCA0119	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	0	8	
GLCA0141	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/08/80-03/11/81	0	7	
GLCA0146	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/85-07/12/90	4	2	
GLCA0152	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/08/80-09/03/85	5	3	
GLCA0186	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	01/10/85-01/10/85	0	1	
GLCA0016	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/29/85-05/29/85	0	1	
GLCA0010	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	0	3	
GLCA0015	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/01/75	0	3	
GLCA0019	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	0	3	
GLCA0022	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/02/75	0	3	
GLCA0023	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-04/16/75	0	1	
GLCA0024	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/02/75	0	3	
GLCA0025	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	0	3	
GLCA0033	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/02/75	0	4	
GLCA0039	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	0	2	
GLCA0040	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/30/77	0	2	
GLCA0041	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/31/77	0	2	
GLCA0042	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	0	1	
GLCA0044	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	0	1	
GLCA0047	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	0	3	
GLCA0048	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/03/77-04/03/77	0	2	
GLCA0049	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	0	1	
GLCA0050	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-04/08/77	0	3	
GLCA0053	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	0	3	
GLCA0054	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/77-03/31/77	0	1	
GLCA0055	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	0	1	
GLCA0056	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	0	3	
GLCA0059	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/07/77	0	2	
GLCA0060	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	0	1	
GLCA0061	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/06/77	0	2	
GLCA0062	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/07/77	0	2	
GLCA0063	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-04/07/77	0	3	
GLCA0064	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	0	2	
GLCA0066	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	0	3	
GLCA0067	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/07/77	0	2	
GLCA0068	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/06/77	0	2	
GLCA0069	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0070	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	0	3	
GLCA0072	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	0	2	
GLCA0073	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	0	2	
GLCA0074	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/08/77	0	3	
GLCA0076	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	0	2	
GLCA0077	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	0	2	
GLCA0079	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	0	2	
GLCA0080	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/05/77	0	2	
GLCA0081	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/05/77	0	2	
GLCA0082	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	0	3	
GLCA0083	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/08/77	0	2	
GLCA0084	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-06/09/76	0	1	
GLCA0085	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	0	1	
GLCA0086	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	0	2	
GLCA0087	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	0	3	
GLCA0088	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	0	3	
GLCA0090	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0091	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0092	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	0	2	
GLCA0093	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0094	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0095	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0096	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0097	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0098	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0099	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0100	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0101	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	0	3	
GLCA0102	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	0	2	
GLCA0103	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	0	2	
GLCA0104	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/07/76	0	2	
GLCA0105	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0106	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-06/08/76	0	1	
GLCA0107	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/03/75	0	3	
GLCA0108	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0109	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	0	1	
GLCA0112	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/31/77	0	2	
GLCA0113	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/04/75	0	3	
GLCA0117	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/03/75	0	3	
GLCA0121	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/03/75	0	4	
GLCA0122	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/03/75	0	3	
GLCA0123	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/02/75	0	4	
GLCA0138	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/03/75	0	3	
GLCA0149	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/03/75	0	3	
GLCA0014	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	8	38	
GLCA0017	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/07/80-05/21/82	2	7	
GLCA0027	Yes	74010	IRON, TOTAL (MG/L AS FE)	04/10/80-02/26/82	1	8	
GLCA0038	Yes	74010	IRON, TOTAL (MG/L AS FE)	04/09/80-03/11/81	0	7	
GLCA0045	Yes	74010	IRON, TOTAL (MG/L AS FE)	04/09/80-03/11/81	0	7	
GLCA0110	Yes	74010	IRON, TOTAL (MG/L AS FE)	04/09/80-05/18/82	2	11	
GLCA0114	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/01/79-06/15/82	3	5	
GLCA0118	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/01/79-09/11/80	1	3	
GLCA0119	Yes	74010	IRON, TOTAL (MG/L AS FE)	02/03/80-03/11/81	1	10	
GLCA0128	No	74010	IRON, TOTAL (MG/L AS FE)	10/15/84-10/15/84	0	1	
GLCA0130	Yes	74010	IRON, TOTAL (MG/L AS FE)	03/18/80-09/11/80	0	2	
GLCA0139	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/01/79-09/11/80	1	3	
GLCA0141	Yes	74010	IRON, TOTAL (MG/L AS FE)	04/08/80-05/19/82	2	8	
GLCA0142	No	74010	IRON, TOTAL (MG/L AS FE)	05/01/79-06/15/82	3	4	
GLCA0145	Yes	74010	IRON, TOTAL (MG/L AS FE)	03/16/77-11/09/77	0	4	
GLCA0146	Yes	74010	IRON, TOTAL (MG/L AS FE)	03/15/78-07/12/90	12	39	
GLCA0150	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/12/90-07/12/90	0	1	
GLCA0151	Yes	74010	IRON, TOTAL (MG/L AS FE)	03/16/77-06/04/87	10	5	
GLCA0152	Yes	74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	9	39	
GLCA0156	No	74010	IRON, TOTAL (MG/L AS FE)	08/09/79-06/12/80	0	2	
GLCA0158	No	74010	IRON, TOTAL (MG/L AS FE)	06/12/80-06/12/80	0	1	
GLCA0163	No	74010	IRON, TOTAL (MG/L AS FE)	07/12/90-07/12/90	0	1	
GLCA0164	No	74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	9	136	
GLCA0167	No	74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/26/91	0	2	
GLCA0168	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/26/91	0	2	
GLCA0170	No	74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/27/91	0	2	
GLCA0171	No	74010	IRON, TOTAL (MG/L AS FE)	05/12/91-05/12/91	0	1	
GLCA0175	No	74010	IRON, TOTAL (MG/L AS FE)	05/12/91-09/25/91	0	2	

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Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0177	No	74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/25/91	0	2	
GLCA0178	No	74010	IRON, TOTAL (MG/L AS FE)	05/12/91-09/25/91	0	2	
GLCA0182	No	74010	IRON, TOTAL (MG/L AS FE)	05/14/91-05/14/91	0	1	
GLCA0183	No	74010	IRON, TOTAL (MG/L AS FE)	05/14/91-09/27/91	0	2	
GLCA0186	No	74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	13	35	
GLCA0016	Yes	75059	ACETONE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	75166	2-HEXANONE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/29/85	0	2	
GLCA0016	Yes	75192	STYRENE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/29/85	0	2	
GLCA0016	Yes	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	0	1	
GLCA0016	Yes	76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	77041	CARBON DISULFIDE WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	77057	VINYL ACETATE WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	77089	ANILINE WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	77103	2-HEXANONE WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	77128	STYRENE WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	77135	O-XYLENE WHOLE WATER,UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	77247	BENZOIC ACID WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	77689	DIBENZYLAMINE WHOLE WATER,UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	78133	4-METHYL-2-PENTANONE IN WATER UG/L	05/29/85-05/29/85	0	1	
GLCA0016	Yes	78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	05/11/85-05/11/85	0	1	
GLCA0016	Yes	78544	CARBON DISULFIDE IN SEDIMENT UG/KG	05/29/85-05/29/85	0	1	
GLCA0145	Yes	80000	ALPHA ACTIVITY (PC/MG)	05/18/77-05/18/77	0	1	
GLCA0146	Yes	80000	ALPHA ACTIVITY (PC/MG)	03/15/78-03/15/78	0	1	
GLCA0151	Yes	80000	ALPHA ACTIVITY (PC/MG)	05/18/77-05/18/77	0	1	
GLCA0152	Yes	80000	ALPHA ACTIVITY (PC/MG)	01/18/78-03/15/78	0	2	
GLCA0009	Yes	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/28/75-05/28/75	0	6	
GLCA0004	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	39	607	T,A,S
GLCA0009	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	36	129	T,S
GLCA0011	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/05/89-10/10/89	0	6	
GLCA0140	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/51-08/27/52	0	32	
GLCA0004	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	31	537	T,A,S
GLCA0009	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	20	106	T
GLCA0140	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/03/51-08/27/52	0	33	
GLCA0004	Yes	80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	04/13/63-08/12/65	2	5	
GLCA0004	Yes	80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	04/13/63-08/12/65	2	20	
GLCA0004	Yes	80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	04/13/63-08/12/65	2	20	
GLCA0004	Yes	80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	04/13/63-08/12/65	2	19	
GLCA0004	Yes	80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	08/12/65-08/12/65	0	1	
GLCA0009	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	04/13/63-05/27/71	8	5	
GLCA0004	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	09/26/67-09/26/67	0	1	
GLCA0009	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	04/13/63-05/27/71	8	6	
GLCA0004	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	09/26/67-09/26/67	0	1	
GLCA0009	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	04/13/63-05/27/71	8	6	
GLCA0004	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	09/26/67-09/26/67	0	1	
GLCA0009	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	04/13/63-05/27/71	8	6	
GLCA0004	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	09/26/67-09/26/67	0	1	
GLCA0009	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	04/13/63-05/27/71	8	5	
GLCA0004	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	09/26/67-09/26/67	0	1	
GLCA0009	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	04/13/63-05/27/71	8	5	
GLCA0009	Yes	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	04/13/63-05/27/71	8	5	
GLCA0009	Yes	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	04/13/63-05/27/71	8	4	
GLCA0009	Yes	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	04/13/63-05/27/71	8	4	
GLCA0009	Yes	80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	04/13/63-04/13/63	0	1	
GLCA0004	Yes	81204	POTASSIUM, (TONS PER DAY AS K)	08/30/75-08/30/75	0	1	
GLCA0016	Yes	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	0	1	
GLCA0016	Yes	81552	ACETONE WHL WATER SMPL UG/L	05/29/85-05/29/85	0	1	
GLCA0018	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/07/71-12/07/71	0	4	
GLCA0089	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	11/02/71-11/29/71	0	7	
GLCA0166	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/01/71-04/27/72	0	9	
GLCA0016	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/11/85-05/11/85	0	1	
GLCA0016	Yes	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	05/11/85-05/11/85	0	1	
GLCA0004	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/05/81-11/05/81	0	1	
GLCA0004	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/06/81-06/02/81	0	4	
GLCA0021	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	06/11/81-06/11/81	0	1	
GLCA0004	Yes	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	03/02/82-03/02/82	0	1	
GLCA0151	Yes	82702	AS DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0167	No	82702	AS DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82702	AS DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82702	AS DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82702	AS DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82702	AS DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82702	AS DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82703	BA DECNT FLD ACID WTR MG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82703	BA DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82703	BA DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82703	BA DECNT FLD ACID WTR MG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82703	BA DECNT FLD ACID WTR MG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82703	BA DECNT FLD ACID WTR MG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82703	BA DECNT FLD ACID WTR MG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82705	CD DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82705	CD DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82705	CD DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82705	CD DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82705	CD DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82705	CD DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82705	CD DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82706	CR DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82706	CR DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82706	CR DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82706	CR DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82706	CR DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82706	CR DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82706	CR DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82708	CU DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82708	CU DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82708	CU DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82708	CU DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82708	CU DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82708	CU DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82708	CU DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82710	FE DECNT FLD ACID WTR MG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82710	FE DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82710	FE DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82710	FE DECNT FLD ACID WTR MG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82710	FE DECNT FLD ACID WTR MG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82710	FE DECNT FLD ACID WTR MG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82710	FE DECNT FLD ACID WTR MG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82711	PB DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82711	PB DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82711	PB DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82711	PB DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82711	PB DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82711	PB DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82711	PB DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82712	MN DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82712	MN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82712	MN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0170	No	82712	MN DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82712	MN DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82712	MN DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82712	MN DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82713	HG DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82713	HG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82713	HG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82713	HG DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82713	HG DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82713	HG DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82713	HG DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82716	AG DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82716	AG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82716	AG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82716	AG DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82716	AG DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82716	AG DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82716	AG DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0151	Yes	82719	ZN DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	0	1	
GLCA0167	No	82719	ZN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0168	Yes	82719	ZN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	0	1	
GLCA0170	No	82719	ZN DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	0	1	
GLCA0171	No	82719	ZN DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	0	1	
GLCA0175	No	82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0177	No	82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0178	No	82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	0	1	
GLCA0183	No	82719	ZN DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	0	1	
GLCA0186	No	82719	ZN DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	0	1	
GLCA0039	Yes	85281	INVALID PARAMETER	06/09/76-04/07/77	0	2	
GLCA0040	Yes	85281	INVALID PARAMETER	06/11/76-03/30/77	0	2	
GLCA0041	Yes	85281	INVALID PARAMETER	06/11/76-03/31/77	0	3	
GLCA0042	Yes	85281	INVALID PARAMETER	06/11/76-06/11/76	0	1	
GLCA0044	No	85281	INVALID PARAMETER	06/11/76-06/11/76	0	1	
GLCA0048	Yes	85281	INVALID PARAMETER	04/03/77-04/03/77	0	2	
GLCA0049	Yes	85281	INVALID PARAMETER	06/10/76-06/10/76	0	1	
GLCA0050	Yes	85281	INVALID PARAMETER	06/11/76-04/08/77	0	4	
GLCA0053	Yes	85281	INVALID PARAMETER	06/09/76-04/07/77	0	3	
GLCA0054	Yes	85281	INVALID PARAMETER	03/31/77-03/31/77	0	1	
GLCA0055	Yes	85281	INVALID PARAMETER	06/11/76-06/11/76	0	1	
GLCA0056	Yes	85281	INVALID PARAMETER	06/09/76-04/07/77	0	3	
GLCA0059	Yes	85281	INVALID PARAMETER	06/10/76-04/07/77	0	2	
GLCA0060	Yes	85281	INVALID PARAMETER	06/10/76-06/10/76	0	1	
GLCA0061	Yes	85281	INVALID PARAMETER	06/09/76-04/06/77	0	2	
GLCA0062	Yes	85281	INVALID PARAMETER	06/10/76-04/07/77	0	2	
GLCA0063	Yes	85281	INVALID PARAMETER	06/11/76-04/07/77	0	4	
GLCA0064	No	85281	INVALID PARAMETER	06/09/76-04/07/77	0	2	
GLCA0067	Yes	85281	INVALID PARAMETER	06/08/76-04/07/77	0	2	
GLCA0068	Yes	85281	INVALID PARAMETER	06/10/76-04/06/77	0	2	
GLCA0069	Yes	85281	INVALID PARAMETER	06/10/76-06/10/76	0	1	
GLCA0070	Yes	85281	INVALID PARAMETER	06/08/76-04/06/77	0	3	
GLCA0072	Yes	85281	INVALID PARAMETER	06/09/76-04/07/77	0	2	
GLCA0073	No	85281	INVALID PARAMETER	06/08/76-04/06/77	0	2	
GLCA0074	Yes	85281	INVALID PARAMETER	06/08/76-04/08/77	0	3	
GLCA0076	Yes	85281	INVALID PARAMETER	06/08/76-04/05/77	0	2	
GLCA0077	Yes	85281	INVALID PARAMETER	06/08/76-04/06/77	0	2	
GLCA0079	Yes	85281	INVALID PARAMETER	06/08/76-04/05/77	0	2	
GLCA0080	Yes	85281	INVALID PARAMETER	06/09/76-04/05/77	0	2	
GLCA0081	Yes	85281	INVALID PARAMETER	06/09/76-04/05/77	0	2	
GLCA0083	Yes	85281	INVALID PARAMETER	06/08/76-04/08/77	0	2	
GLCA0084	Yes	85281	INVALID PARAMETER	06/09/76-06/09/76	0	1	
GLCA0085	Yes	85281	INVALID PARAMETER	06/10/76-06/10/76	0	1	
GLCA0086	Yes	85281	INVALID PARAMETER	06/08/76-04/05/77	0	2	
GLCA0087	Yes	85281	INVALID PARAMETER	06/07/76-04/05/77	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/11/26 To 09/07/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GLCA0088	Yes	85281	INVALID PARAMETER	06/07/76-04/05/77	0	3	
GLCA0090	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0091	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0092	Yes	85281	INVALID PARAMETER	06/07/76-06/08/76	0	2	
GLCA0093	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0094	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0095	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0096	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0097	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0098	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0099	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0100	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0101	Yes	85281	INVALID PARAMETER	06/07/76-04/05/77	0	3	
GLCA0102	Yes	85281	INVALID PARAMETER	06/07/76-06/08/76	0	2	
GLCA0103	Yes	85281	INVALID PARAMETER	06/07/76-06/08/76	0	2	
GLCA0104	Yes	85281	INVALID PARAMETER	06/07/76-06/07/76	0	2	
GLCA0105	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0106	Yes	85281	INVALID PARAMETER	06/08/76-06/08/76	0	1	
GLCA0108	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0109	Yes	85281	INVALID PARAMETER	06/06/76-06/06/76	0	1	
GLCA0112	Yes	85281	INVALID PARAMETER	06/11/76-03/31/77	0	2	

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

Station-By-Station Results

Station Inventory for Station: GLCA0001

NPS Station ID: GLCA0001
LAT/LON: 36.799171/-111.704170
Agency: 112WRD
Date Created: 02/28/78
Location: A-39-06 12BAD
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 364757111421501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 15010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 15010001
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/76-08/06/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/06/76-08/06/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/76-08/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/76-08/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/76-08/06/76	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/06/76-08/06/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/76-08/06/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/06/76-08/06/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/06/76-08/06/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/76-08/06/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/76-08/06/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/76-08/06/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/76-08/06/76	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/06/76-08/06/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/76-08/06/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/76-08/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/76-08/06/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/06/76-08/06/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/06/76-08/06/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/76-08/06/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/76-08/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/76-08/06/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/76-08/06/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/76-08/06/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/06/76-08/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/06/76-08/06/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/06/76-08/06/76	1	109.	109.	109.	109.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/06/76-08/06/76	1	113.	113.	113.	113.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/06/76-08/06/76	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0002

NPS Station ID: GLCA0002
LAT/LON: 36.839448/-111.681115
Agency: 112WRD
Date Created: 02/28/78
Location: A-40-07 30ACA
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 365022111405201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070007
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0002

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

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

Station Inventory for Station: GLCA0003

NPS Station ID: GLCA0003
Location: A-40-08 18DBC
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14070006
Major Basin:
Minor Basin:
RF1 Index: 14070006
RF3 Index: 14070001003402.50
Description:

LAT/LON: 36.863892/-111.577504
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 5.66

Agency: 112WRD
FIPS State/County: 04005 ARIZONA/COCONINO
STORET Station ID(s): 365150111343901
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 5.00
Distance from RF3: 0.27

Date Created: 02/28/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GLCA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/76-08/04/76	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/76-08/04/76	1	625.	625.	625.	625.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/76-08/04/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/76-08/04/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/76-08/04/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/76-08/04/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/76-08/04/76	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/04/76-08/04/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/76-08/04/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/76-08/04/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/76-08/04/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/76-08/04/76	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/04/76-08/04/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/04/76-08/04/76	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/76-08/04/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/76-08/04/76	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/76-08/04/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/76-08/04/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/76-08/04/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/76-08/04/76	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/76-08/04/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/76-08/04/76	1	397.	397.	397.	397.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/76-08/04/76	1	405.	405.	405.	405.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/04/76-08/04/76	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0004

NPS Station ID: GLCA0004
LAT/LON: 36.864726/-111.587505
Agency: 112WRD
Date Created: / /
Location: COLORADO R AT LEES FERRY, AZ.
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09380000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006001
RF1 Mile Point: 0.590
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	65	402.	384.769	430.	0.	7350.93	85.738	394.	400.	409.	410.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	408	9.5	10.802	27.2	0.	16.111	4.014	7.5	8.	11.925	17.82
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	436	12100.	12829.587	77500.	1000.	56392401.208	7509.487	4734.	8122.5	16400.	19700.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	328	13500.	20534.034	115000.	1680.	473783557.409	21766.57	5984.	9102.5	22175.	37770.
00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	93	9.61	9.645	14.19	7.07	3.074	1.753	7.074	8.22	11.27	11.666
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/74-05/03/78	30	1.	5.267	100.	0.	349.03	18.682	0.	0.75	1.	4.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	119	0.7	2.92	200.	0.2	338.848	18.408	0.3	0.5	1.2	1.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	276	847.	875.428	2430.	587.	69594.006	263.807	663.	750.	920.	985.
00300p	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	153	8.4	8.444	12.8	0.	1.694	1.302	7.14	7.8	9.1	9.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	28	82.5	78.029	109.	0.	494.393	22.235	66.58	76.25	88.	94.1
00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	57	12.	16.298	86.	5.	268.784	16.395	5.	5.	18.5	28.8
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	247	8.	7.895	8.8	6.	0.196	0.443	7.4	7.8	8.16	8.22
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	247	8.	7.422	8.8	6.	0.422	0.649	7.4	7.8	8.16	8.22
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	247	0.01	0.038	1.	0.002	0.016	0.126	0.006	0.007	0.016	0.04
00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	94	8.1	8.09	8.5	7.8	0.019	0.138	7.9	8.	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/06/80-05/06/93	94	8.1	8.069	8.5	7.8	0.019	0.139	7.9	8.	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/80-05/06/93	94	0.008	0.009	0.016	0.003	0.	0.003	0.006	0.006	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	68	2.7	3.794	19.	0.6	11.253	3.355	1.48	2.1	3.75	7.24
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	171	130.	128.105	340.	0.	1022.777	31.981	115.	124.	138.	143.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/09/87-01/09/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/24/86-09/23/87	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	116	162.	161.56	292.	0.	3025.153	55.001	130.9	154.	171.	218.9
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	87	0.	0.172	15.	0.	2.586	1.608	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	12/02/86-12/02/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/24/86-12/02/86	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	61	165.	164.41	182.	131.	92.013	9.592	153.2	160.	171.5	176.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	58	3.	4.069	36.	0.5	27.171	5.213	0.5	1.	5.	9.1
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	12/30/74-06/04/80	11	0.315	0.674	3.8	0.079	1.146	1.071	0.083	0.1	0.79	3.213
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	12/30/74-06/04/80	11	0.71	1.118	5.6	0.08	2.45	1.565	0.084	0.28	0.87	4.858
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	57	0.91	0.984	1.9	0.49	0.087	0.295	0.688	0.785	1.1	1.42
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/19/79-09/02/81	19	1.1	1.064	1.9	0.66	0.081	0.285	0.72	0.9	1.2	1.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/77-09/02/81	35	0.44	0.513	1.2	0.09	0.081	0.284	0.202	0.31	0.64	0.984
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-09/02/81	18	0.53	0.563	1.2	0.22	0.058	0.241	0.22	0.423	0.692	0.93
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	99	0.02	0.034	0.23	0.	0.002	0.039	0.005	0.01	0.04	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	110	0.01	0.02	0.2	0.	0.001	0.025	0.005	0.005	0.02	0.049
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	73 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/74-12/18/92	30 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01

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

Parameter Inventory for Station: GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	31	0.52	0.639	3.4	0.11	0.359	0.599	0.148	0.47	0.59	0.962
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/15/74-05/28/74	3	0.54	0.57	0.63	0.54	0.003	0.052	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/07/77-07/09/91	36	0.38	0.432	1.2	0.01	0.06	0.244	0.207	0.25	0.545	0.768
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/02/78-09/02/81	32	0.05	0.1	0.58	0.	0.019	0.14	0.	0.	0.17	0.341
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	151	0.32	0.394	1.2	0.1	0.064	0.253	0.1	0.2	0.51	0.796
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	133	0.4	0.431	0.77	0.05	0.014	0.119	0.3	0.375	0.51	0.586
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	152	0.4	0.455	1.1	0.1	0.022	0.148	0.3	0.4	0.5	0.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-06/20/79	3	0.06	0.05	0.06	0.03	0.	0.017	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	61	0.03	0.103	2.5	0.	0.117	0.342	0.	0.	0.06	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	155	0.01	0.017	0.23	0.	0.001	0.023	0.005	0.005	0.02	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	118	0.01	0.014	0.08	0.	0.	0.012	0.005	0.005	0.02	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	128 ##	0.005	0.018	0.8	0.	0.006	0.075	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	38	3.2	3.629	8.	1.	1.646	1.283	2.7	2.875	4.025	5.15
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/78-08/03/81	10	4.25	5.71	12.	3.	8.959	2.993	3.06	3.6	8.525	11.69
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/03/78-08/03/81	9	0.2	0.2	0.4	0.1	0.01	0.1	0.1	0.1	0.25	0.4
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	148	290.	325.905	960.	156.	18923.202	137.562	250.	270.	310.	463.7
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	135	160.	192.289	766.	42.	14678.864	121.156	130.	145.	178.	298.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	226	70.	77.863	298.	46.	1307.772	36.163	60.	64.	75.25	86.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	226	25.	26.628	64.	10.	50.901	7.135	22.	23.	27.25	30.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	220	74.	78.977	236.	43.	790.278	28.112	57.	67.	82.	90.9
00931p	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	144	2.	2.103	3.5	1.3	0.125	0.353	1.8	1.9	2.2	2.45
00932p	SODIUM, PERCENT	01/11/26-03/02/83	136	37.	37.118	49.	26.	9.245	3.041	35.	36.	38.	39.3
00933	SODIUM,PLUS POTASSIUM (MG/L)	02/25/26-02/14/80	14	83.	87.929	150.	25.	789.148	28.092	51.5	78.75	93.5	141.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	208	3.6	3.686	8.5	2.1	0.625	0.791	2.9	3.2	3.9	4.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	216	50.	51.241	187.	12.	307.895	17.547	32.	43.	57.	65.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	216	230.	235.236	621.	76.	2995.344	54.73	180.	210.	251.5	270.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	179	0.3	0.317	1.9	0.05	0.031	0.175	0.2	0.3	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	175	8.1	8.749	34.	5.9	8.888	2.981	7.3	7.7	8.8	9.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	94	1.	1.59	19.	0.5	3.677	1.918	1.	1.	2.	2.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	05/28/74-09/01/82	18	0.5	0.5	2.	0.	0.294	0.542	0.	0.	1.	1.1
01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	85	1.	1.565	6.	0.5	0.642	0.801	1.	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	88	90.	90.727	200.	50.	420.522	20.507	75.8	82.	100.	110.
01006	BARIUM, SUSPENDED (UG/L AS BA)	02/02/78-09/01/82	17	10.	46.059	200.	0.	5946.559	77.114	0.	0.	60.	200.
01007	BARIUM, TOTAL (UG/L AS BA)	02/02/78-09/01/82	17	100.	132.353	300.	50.	8419.118	91.756	50.	50.	200.	300.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	36 ##	0.25	0.444	5.	0.25	0.668	0.817	0.25	0.25	0.25	0.65
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/12/88-06/01/90	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	114	90.	94.65	670.	0.	4564.753	67.563	60.	80.	100.	110.
01022	BORON, TOTAL (UG/L AS B)	10/12/47-02/02/78	3	120.	193.333	340.	120.	16133.333	127.017	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	92 ##	1.	2.495	53.	0.	42.025	6.483	0.5	0.5	2.	4.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	05/28/74-09/01/82	20	1.	5.075	68.	0.	224.244	14.975	0.	0.	3.375	7.7
01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	81 ##	1.	3.815	100.	0.	136.197	11.67	0.5	0.5	3.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	93 ##	0.5	1.344	20.	0.	7.125	2.669	0.	0.5	1.	4.6
01031	CHROMIUM, SUSPEND (UG/L AS CR)	05/28/74-08/03/81	19	0.	3.158	30.	0.	56.14	7.493	0.	0.	0.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	85	2.	4.994	46.	0.	62.342	7.896	0.	0.5	6.	11.2
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	65 ##	1.5	1.277	1.5	0.	0.235	0.484	0.	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	05/28/74-03/02/82	15	0.	10.	25.	0.	153.929	12.407	0.	0.	24.5	25.
01037	COBALT, TOTAL (UG/L AS CO)	05/28/74-09/01/82	23 ##	2.	13.739	50.	0.	485.906	22.043	0.	0.	50.	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	92	4.	4.75	27.	0.	19.047	4.364	0.65	2.	7.	8.
01041	COPPER, SUSPENDED (UG/L AS CU)	05/28/74-09/01/82	22	3.	3.5	10.	0.	10.738	3.277	0.	0.75	6.25	9.
01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	84	10.	13.976	110.	0.5	282.524	16.808	2.	4.	16.75	30.
01044	IRON, SUSPENDED (UG/L AS FE)	11/01/78-07/01/82	7	30.	42.857	90.	0.	1323.81	36.384	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	78	55.	114.359	1800.	5.	57537.895	239.871	20.	30.	92.5	179.
01046p	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	130	5.	29.974	1000.	0.	10853.439	104.18	1.5	4.	10.25	41.8
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	93 ##	2.5	3.355	51.	0.	39.074	6.251	0.5	0.5	3.	5.
01050	LEAD, SUSPENDED (UG/L AS PB)	05/28/74-09/01/82	21	4.	14.595	49.	0.	371.515	19.275	0.	1.5	32.75	47.9
01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	86	2.5	12.	100.	0.	640.335	25.305	0.5	2.	7.25	27.9
01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/28/74-09/01/82	21	8.	15.381	120.	0.	687.448	26.219	0.	0.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	85 ##	5.	12.529	120.	5.	353.347	18.798	5.	5.	10.	30.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	93 ##	1.	2.151	8.	0.5	3.749	1.936	0.5	0.5	4.5	5.
01059	THALLIUM, TOTAL (UG/L AS TL)	10/12/88-12/06/89	5 ##	2.5	9.5	20.	2.5	91.875	9.585	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	43 ##	5.	5.349	10.	5.	1.661	1.289	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	54	2.	2.028	9.	0.	2.674	1.635	0.5	1.	3.	4.
01066	NICKEL, SUSPENDED (UG/L AS NI)	11/15/79-09/01/82	11	1.	1.364	8.	0.	5.455	2.335	0.	0.	2.	6.8

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

Parameter Inventory for Station: GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	11/15/79-06/01/90	17	2.	3.118	8.	0.	5.735	2.395	0.	1.5	5.	7.2
01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	87 ##	0.5	0.489	2.	0.	0.07	0.264	0.	0.5	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	02/02/78-08/03/81	13	0.	0.385	2.	0.	0.423	0.65	0.	0.	1.	1.6
01077	SILVER, TOTAL (UG/L AS AG)	02/02/78-09/01/82	17 ##	0.5	0.471	2.	0.	0.296	0.544	0.	0.	0.75	1.2
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	42	795.	791.429	1000.	620.	12739.373	112.869	630.	687.5	870.	957.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	43 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	94	9.	13.894	200.	1.5	494.698	22.242	3.	5.	14.25	23.5
01091	ZINC, SUSPENDED (UG/L ZN)	05/28/74-09/01/82	20	15.	34.85	310.	0.	4876.134	69.829	0.	0.	40.	103.
01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	85	10.	26.	310.	5.	1769.524	42.066	5.	5.	30.	60.
01097	ANTIMONY, TOTAL (UG/L AS SB)	10/12/88-06/01/90	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	43 ##	5.	10.465	30.	5.	61.683	7.854	5.	5.	20.	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	43	32.	32.023	42.	22.	29.023	5.387	25.	27.	37.	39.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	94	3.	2.59	5.	0.5	0.688	0.829	2.	2.	3.	3.
01146	SELENIUM, SUSPENDED (UG/L AS SE)	05/28/74-09/01/82	23	0.	0.522	4.	0.	0.988	0.994	0.	0.	1.	2.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	86	3.	2.692	6.	0.5	0.86	0.927	2.	2.	3.	4.
29804	BICARBONATE,WTR,DISS.,FIX ENDPT,FIELD,AS HCO3,MG/L	01/16/92-03/19/92	2	169.	169.	177.	161.	128.	11.314	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/19/74-08/27/74	6	820.	1891.667	7400.	290.	7548736.667	2747.496	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/19/74-08/27/74	6	2.861	2.98	3.869	2.462	0.272	0.521	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			955.591								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/74-09/20/76	21	1.	1.81	8.	0.5	4.837	2.199	0.5	0.5	2.5	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/74-09/20/76	21	0.	0.034	0.903	-0.301	0.173	0.416	-0.301	-0.301	0.389	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.08								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	114 ##	0.5	1.785	36.	0.	26.938	5.19	0.5	0.5	1.	2.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	114 ##	-0.301	-0.074	1.556	-0.301	0.134	0.367	-0.301	-0.301	0.	0.301
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.843								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	108	1.	21.019	1000.	0.5	11164.06	105.66	0.5	0.5	4.	19.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	108	0.	0.337	3.	-0.301	0.47	0.685	-0.301	-0.301	0.602	1.291
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.171								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/19/74-09/20/76	21	1.	4.524	56.	0.5	144.687	12.029	0.5	0.5	2.5	9.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/19/74-09/20/76	21	0.	0.183	1.748	-0.301	0.264	0.514	-0.301	-0.301	0.389	0.973
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.524								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	12/30/74-07/26/76	5	0.1	0.086	0.2	0.	0.007	0.086	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	12/30/74-07/26/76	5	0.79	3.338	14.	0.1	35.881	5.99	**	**	**	**
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	09/03/76-05/03/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/02/82-03/02/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/12/88-09/07/93	34	137.	137.853	149.	125.	31.947	5.652	131.	134.	141.5	147.
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/03/77-05/03/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	61	135.	134.721	149.	107.	62.771	7.923	125.2	131.	140.5	144.8
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/02/82-03/02/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/05/81-11/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/24/76-03/02/82	15 ##	0.	0.003	0.05	0.	0.	0.013	0.	0.	0.	0.02
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/02/82-03/02/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/81-11/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.033	0.5	0.	0.017	0.129	0.	0.	0.	0.2
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002

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

Parameter Inventory for Station: GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/24/76-11/05/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/02/78-03/02/82	11 ##	0.	0.005	0.05	0.	0.	0.015	0.	0.	0.	0.04
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/78-11/05/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	05/24/76-05/03/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/03/77-05/03/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	8 ##	0.	0.001	0.01	0.	0.	0.004	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/02/82-03/02/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/05/81-11/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/03/77-05/03/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/24/76-03/02/82	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/24/76-11/16/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/30/75-08/03/81	26	315.	664.077	4300.	35.	783221.914	884.998	65.6	165.	1050.	1530.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	207	567.	611.865	1940.	368.	56814.506	238.358	458.8	517.	621.	682.8
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	110	555.	569.464	1110.	238.	11775.59	108.515	490.	522.5	591.25	631.2
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	148	23950.	24050.421	112801.	2240.	179194478.999	13386.354	8223.	14275.	31660.025	36880.1
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	149	0.8	0.9	2.64	0.32	0.138	0.371	0.7	0.75	0.88	1.31
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	10/02/51-01/01/63	12	4.	5.167	17.	1.	18.879	4.345	1.	3.	6.5	14.6
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	10/02/51-01/01/63	15	6.	7.4	21.	2.	21.686	4.657	2.6	4.	10.	15.
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	10/02/51-01/01/63	13	17.	20.077	36.	8.	76.077	8.722	8.8	14.	26.5	35.2
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	10/31/51-01/01/63	14	47.5	46.071	71.	23.	231.918	15.229	23.	34.25	59.	68.5
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	10/02/51-01/01/63	12	76.	70.	93.	34.	379.455	19.48	35.8	53.25	86.	91.2
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	215	68.	65.577	100.	1.	571.834	23.913	32.6	49.	86.	96.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	121	89.	84.917	100.	53.	148.293	12.178	69.	74.	95.	98.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	116	98.	96.216	100.	63.	24.675	4.967	91.7	94.	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	90	100.	99.867	100.	96.	0.252	0.502	99.1	100.	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	05/27/61-05/27/61	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	43	20.	22.023	62.	1.	277.214	16.65	2.	6.	38.	46.4
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	121	34.	35.727	88.	2.	423.283	20.574	8.2	19.	52.	62.8
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/02/51-01/01/63	14	33.	40.429	71.	13.	385.341	19.63	17.	23.75	61.75	68.5
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	121	51.	50.083	93.	2.	682.843	26.131	12.8	29.	72.	84.8
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/02/51-01/01/63	14	46.	58.071	92.	23.	595.918	24.411	29.	38.75	84.75	90.5
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/07/59-04/10/65	23	65.	60.217	100.	10.	816.632	28.577	21.4	34.	96.	96.6
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	10/07/59-04/10/65	22	96.	92.682	100.	71.	83.465	9.136	71.3	91.	98.	99.7
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	10/07/59-04/10/65	20	100.	98.25	100.	88.	14.724	3.837	90.1	100.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/17/60-01/01/63	4	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/30/75-12/18/92	30 ##	0.005	0.008	0.04	0.	0.	0.007	0.005	0.005	0.01	0.01
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/16/79-06/04/80	3	368.	1963.333	5238.	284.	8044345.333	2836.256	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	06/06/78-06/04/80	6	0.185	0.355	0.9	0.02	0.158	0.398	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	06/06/78-06/04/80	6	0.	0.028	0.09	0.	0.002	0.044	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/05/87-03/05/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/06/81	20	0.015	0.026	0.1	0.	0.001	0.029	0.	0.01	0.043	0.079
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-03/02/83	28	0.06	0.076	0.3	0.	0.005	0.073	0.009	0.01	0.115	0.158
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/01/47-08/30/75	6	3.4	3.733	7.1	0.3	7.287	2.699	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	31	2.3	2.832	15.	0.5	6.979	2.642	0.64	2.1	2.6	4.24
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/10/73-08/30/75	30	0.	0.007	0.03	0.	0.	0.013	0.	0.	0.008	0.03

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Parameter Inventory for Station: GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-04/03/84	41	0.06	0.07	0.25	0.	0.003	0.053	0.03	0.03	0.105	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	57	4.	4.346	8.2	2.2	1.629	1.276	3.08	3.5	4.85	6.26
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	61 ##	0.05	0.099	1.	0.	0.021	0.144	0.05	0.05	0.05	0.25
71895	MERCURY, SUSPENDED (UG/L AS HG)	05/28/74-08/03/81	18	0.	0.106	1.1	0.	0.065	0.255	0.	0.	0.1	0.29
71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	77 ##	0.05	0.092	1.1	0.	0.02	0.142	0.05	0.05	0.05	0.21
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	605	16.	1372.657	38700.	0.	16550584.262	4068.241	3.	6.	233.5	3884.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	537	708.	9965.748	1800000.	17.	6835695380.733	82678.264	71.8	222.5	3335.	6220.
80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	04/13/63-08/12/65	5	0.	3.2	15.	0.	43.7	6.611	**	**	**	**
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	04/13/63-08/12/65	20	65.5	58.2	86.	2.	399.011	19.975	25.3	49.25	70.	80.
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	04/13/63-08/12/65	20	95.5	89.3	100.	6.	426.116	20.643	74.8	90.5	98.	99.
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	04/13/63-08/12/65	19	100.	99.526	100.	91.	4.263	2.065	100.	100.	100.	100.
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	08/12/65-08/12/65	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	09/26/67-09/26/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	09/26/67-09/26/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	09/26/67-09/26/67	1	77.	77.	77.	77.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	09/26/67-09/26/67	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	09/26/67-09/26/67	1	100.	100.	100.	100.	0.	0.	**	**	**	**
81204	POTASSIUM, (TONS PER DAY AS K)	08/30/75-08/30/75	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/05/81-11/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/06/81-06/02/81	4	2.35	2.2	2.8	1.3	0.407	0.638	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	03/02/82-03/02/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	30	1	0.03	7	0	0.00	6	1	0.17	12	0	0.00	5	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	119	1	0.01	31	0	0.00	31	0	0.00	40	1	0.03	17	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	153	1	0.01	47	0	0.00	39	0	0.00	48	1	0.02	19	0	0.00
00400	PH	Other-Hi Lim.	9.	247	0	0.00	77	0	0.00	58	0	0.00	77	0	0.00	35	0	0.00
		Other-Lo Lim.	6.5	247	12	0.05	77	3	0.04	58	5	0.09	77	3	0.04	35	1	0.03
00403	PH, LAB	Other-Hi Lim.	9.	94	0	0.00	25	0	0.00	24	0	0.00	32	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	94	0	0.00	25	0	0.00	24	0	0.00	32	0	0.00	13	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	73	0	0.00	19	0	0.00	16	0	0.00	27	0	0.00	11	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	30	0	0.00	16	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	31	0	0.00	4	0	0.00	7	0	0.00	13	0	0.00	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	133	0	0.00	43	0	0.00	29	0	0.00	42	0	0.00	19	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	152	0	0.00	47	0	0.00	35	0	0.00	51	0	0.00	19	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	216	0	0.00	54	0	0.00	50	0	0.00	76	0	0.00	36	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	216	6	0.03	54	1	0.02	50	2	0.04	75	2	0.03	37	1	0.03
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	94	0	0.00	22	0	0.00	24	0	0.00	37	0	0.00	11	0	0.00
		Drinking Water	50.	94	0	0.00	22	0	0.00	24	0	0.00	37	0	0.00	11	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
		Drinking Water	50.	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	85	0	0.00	21	0	0.00	21	0	0.00	32	0	0.00	11	0	0.00
		Drinking Water	50.	85	0	0.00	21	0	0.00	21	0	0.00	32	0	0.00	11	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	88	0	0.00	20	0	0.00	23	0	0.00	34	0	0.00	11	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	17	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	17	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	36	0	0.00	12	0	0.00	6	0	0.00	15	0	0.00	3	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	92	11	0.12	21	2	0.10	24	1	0.04	37	6	0.16	10	2	0.20
		Drinking Water	5.	92	8	0.09	21	2	0.10	24	0	0.00	37	5	0.14	10	1	0.10
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	18 &	2	0.11	3	0	0.00	4	0	0.00	10	2	0.20	1	0	0.00
		Drinking Water	5.	19 &	2	0.11	4	0	0.00	4	0	0.00	10	2	0.20	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	75 &	10	0.13	18	1	0.06	18	1	0.06	30	7	0.23	9	1	0.11
		Drinking Water	5.	75 &	8	0.11	18	1	0.06	18	0	0.00	30	6	0.20	9	1	0.11

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

EPA Water Quality Criteria Analysis for Station: GLCA0004

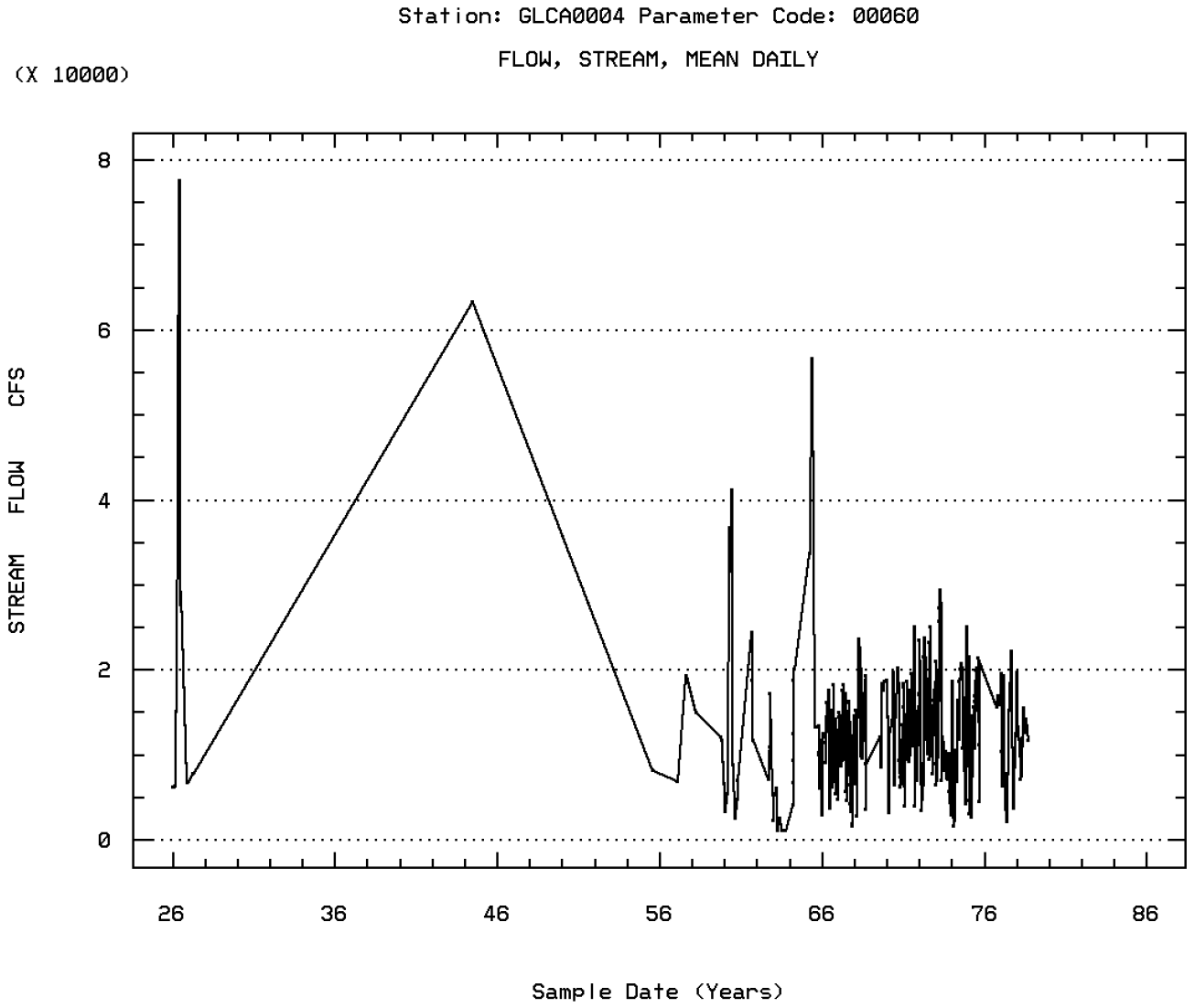
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	93	0	0.00	22	0	0.00	24	0	0.00	36	0	0.00	11	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	19	0	0.00	5	0	0.00	4	0	0.00	10	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	85	0	0.00	21	0	0.00	21	0	0.00	32	0	0.00	11	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	92	3	0.03	21	0	0.00	24	0	0.00	36	1	0.03	11	2	0.18
		Drinking Water	1300.	92	0	0.00	21	0	0.00	24	0	0.00	36	0	0.00	11	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	22	0	0.00	5	0	0.00	5	0	0.00	11	0	0.00	1	0	0.00
		Drinking Water	1300.	22	0	0.00	5	0	0.00	5	0	0.00	11	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	84	19	0.23	20	6	0.30	21	2	0.10	32	6	0.19	11	5	0.45
		Drinking Water	1300.	84	0	0.00	20	0	0.00	21	0	0.00	32	0	0.00	11	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	93	0	0.00	22	0	0.00	24	0	0.00	36	0	0.00	11	0	0.00
		Drinking Water	5.	91 &	14	0.15	22	4	0.18	24	1	0.04	34	7	0.21	11	2	0.18
01050	LEAD, SUSPENDED	Fresh Acute	82.	21	0	0.00	6	0	0.00	5	0	0.00	10	0	0.00			
		Drinking Water	5.	15 &	2	0.13	4	0	0.00	4	0	0.00	7	2	0.29			
01051	LEAD, TOTAL	Fresh Acute	82.	80 &	0	0.00	19	0	0.00	20	0	0.00	30	0	0.00	11	0	0.00
		Drinking Water	5.	80 &	28	0.35	19	8	0.42	20	5	0.25	30	10	0.33	11	5	0.45
01059	THALLIUM, TOTAL	Fresh Acute	1400.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	54	0	0.00	16	0	0.00	12	0	0.00	22	0	0.00	4	0	0.00
		Drinking Water	100.	54	0	0.00	16	0	0.00	12	0	0.00	22	0	0.00	4	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	11	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	100.	11	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	17	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00
		Drinking Water	100.	17	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	87	0	0.00	20	0	0.00	23	0	0.00	33	0	0.00	11	0	0.00
		Drinking Water	50.	87	0	0.00	20	0	0.00	23	0	0.00	33	0	0.00	11	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	13	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	50.	13	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	17	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
		Drinking Water	50.	17	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	94	1	0.01	22	0	0.00	24	0	0.00	37	1	0.03	11	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	20	1	0.05	6	0	0.00	4	0	0.00	9	1	0.11	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	85	4	0.05	21	2	0.10	21	0	0.00	32	1	0.03	11	1	0.09
01097	ANTIMONY, TOTAL	Fresh Acute	88.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	10.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	94	0	0.00	22	0	0.00	24	0	0.00	37	0	0.00	11	0	0.00
		Drinking Water	50.	94	0	0.00	22	0	0.00	24	0	0.00	37	0	0.00	11	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	23	0	0.00	6	0	0.00	5	0	0.00	11	0	0.00	1	0	0.00
		Drinking Water	50.	23	0	0.00	6	0	0.00	5	0	0.00	11	0	0.00	1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	86	0	0.00	21	0	0.00	21	0	0.00	33	0	0.00	11	0	0.00
		Drinking Water	50.	86	0	0.00	21	0	0.00	21	0	0.00	33	0	0.00	11	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	3	0.50	1	1	1.00				3	1	0.33	2	1	0.50
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	114	0	0.00	24	0	0.00	29	0	0.00	45	0	0.00	16	0	0.00
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	1.	4	0	0.00	1	0	0.00				3	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	0.2	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	2.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	0.2	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	3.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00

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

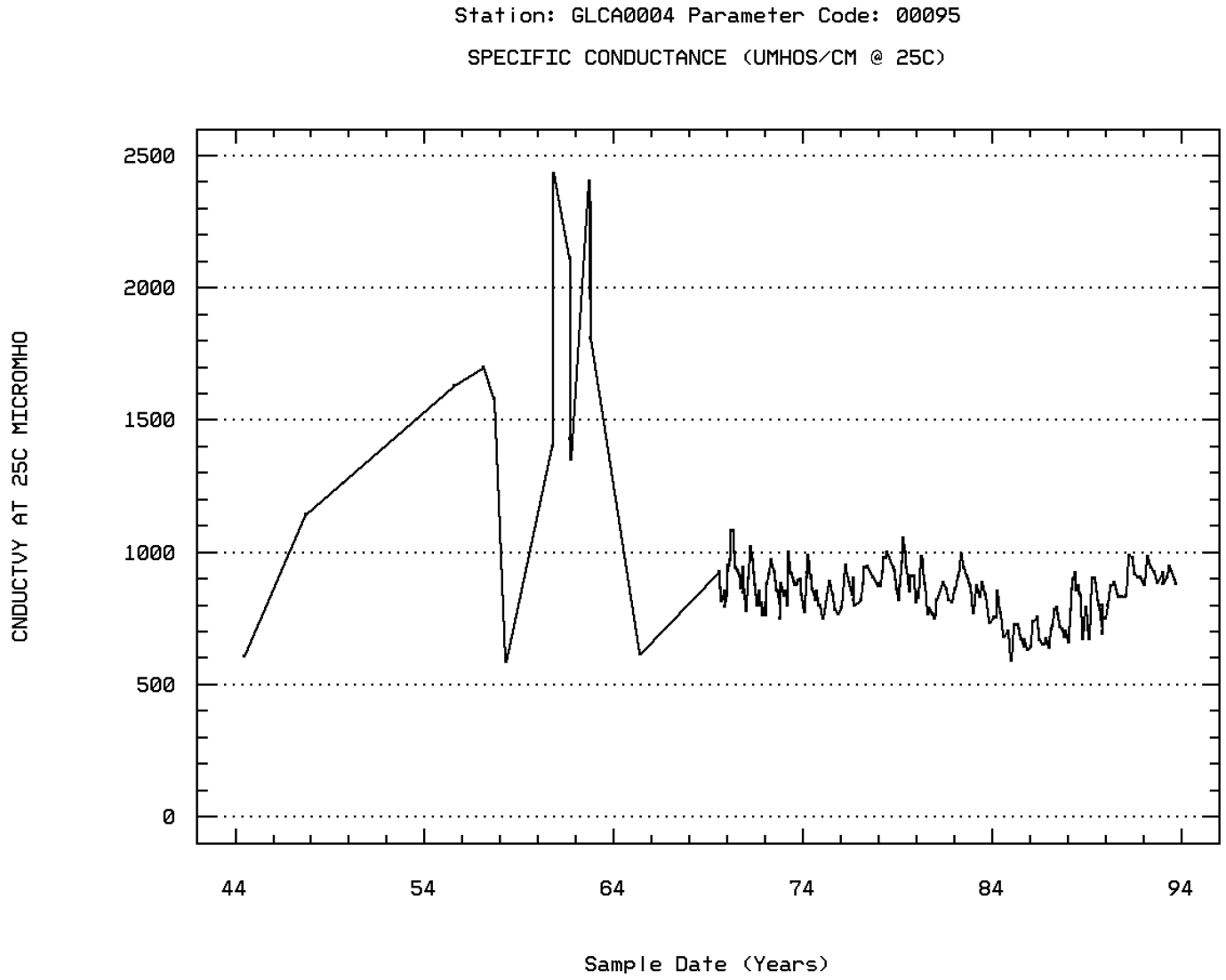
EPA Water Quality Criteria Analysis for Station: GLCA0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	0.4	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	0.2	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	5	0	0.00	1	0	0.00				4	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	6	0	0.00	3	0	0.00				1	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	31	0	0.00	4	0	0.00	7	0	0.00	13	0	0.00	7	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	30	0	0.00	8	0	0.00	6	0	0.00	11	0	0.00	5	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	61	0	0.00	17	0	0.00	12	0	0.00	29	0	0.00	3	0	0.00
		Drinking Water	2.	61	0	0.00	17	0	0.00	12	0	0.00	29	0	0.00	3	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	18	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00			
		Drinking Water	2.	18	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	77	0	0.00	20	0	0.00	20	0	0.00	28	0	0.00	9	0	0.00
		Drinking Water	2.	77	0	0.00	20	0	0.00	20	0	0.00	28	0	0.00	9	0	0.00

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



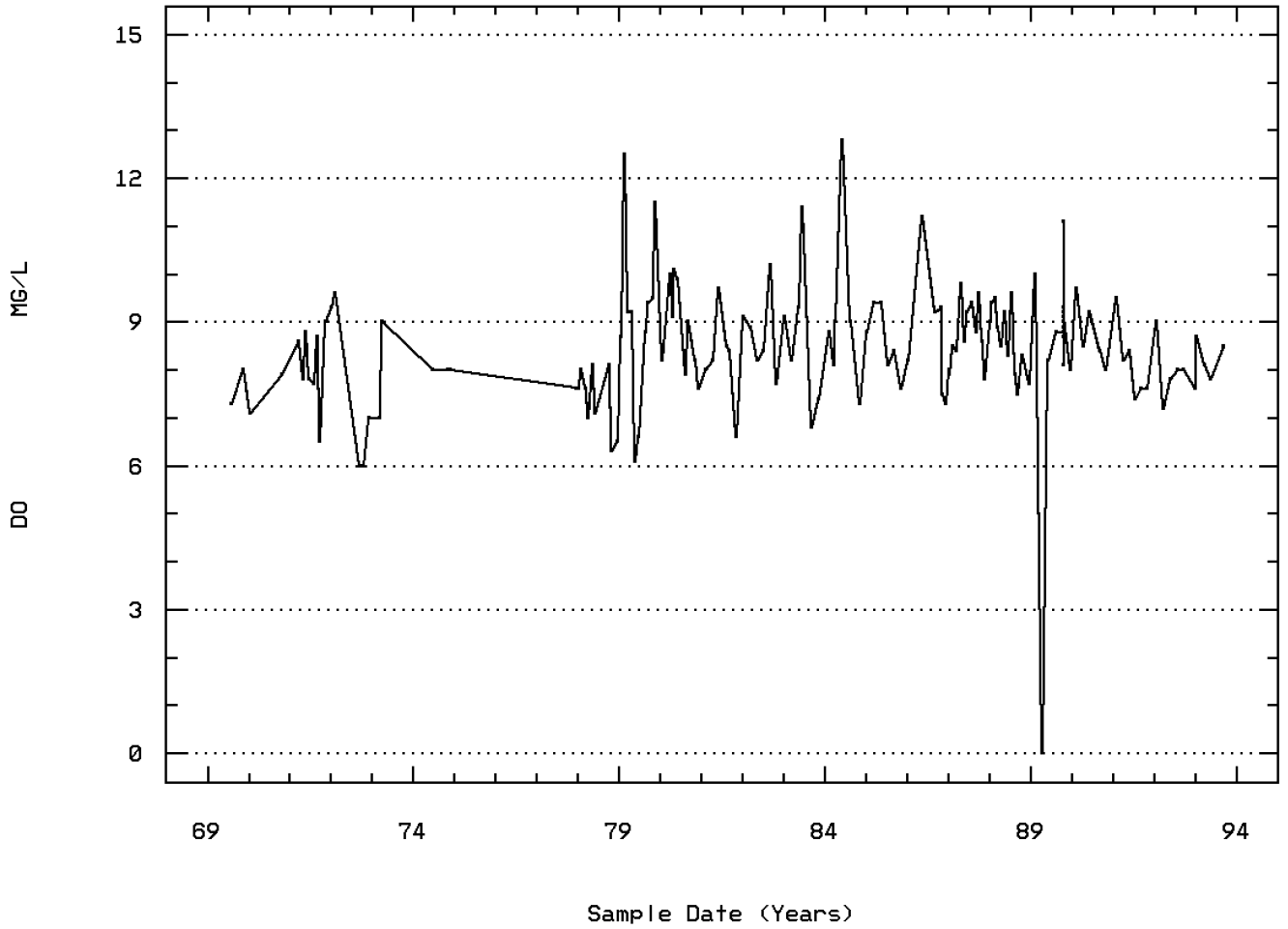
COLORADO R AT LEES FERRY, AZ.



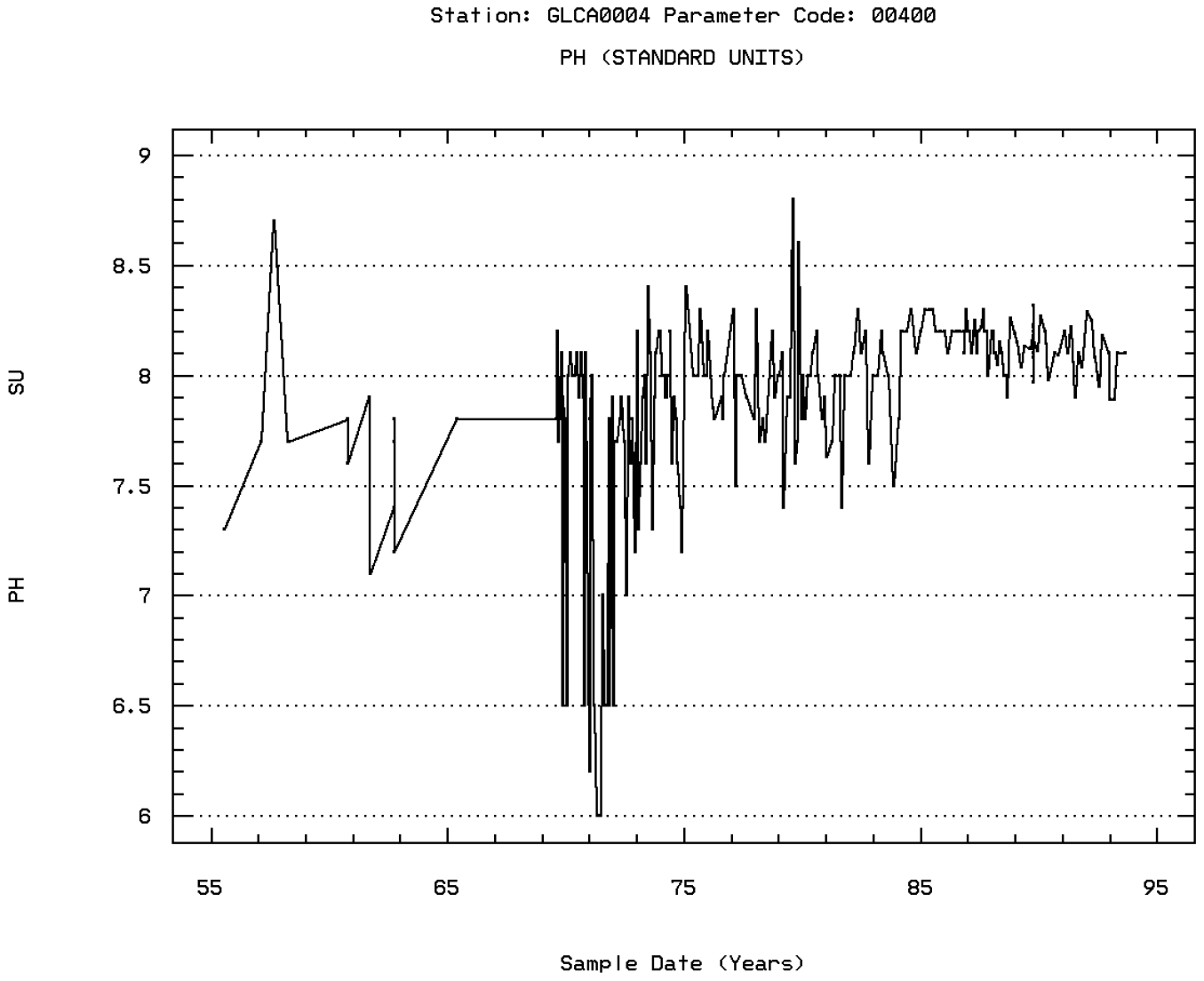
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00300

OXYGEN, DISSOLVED



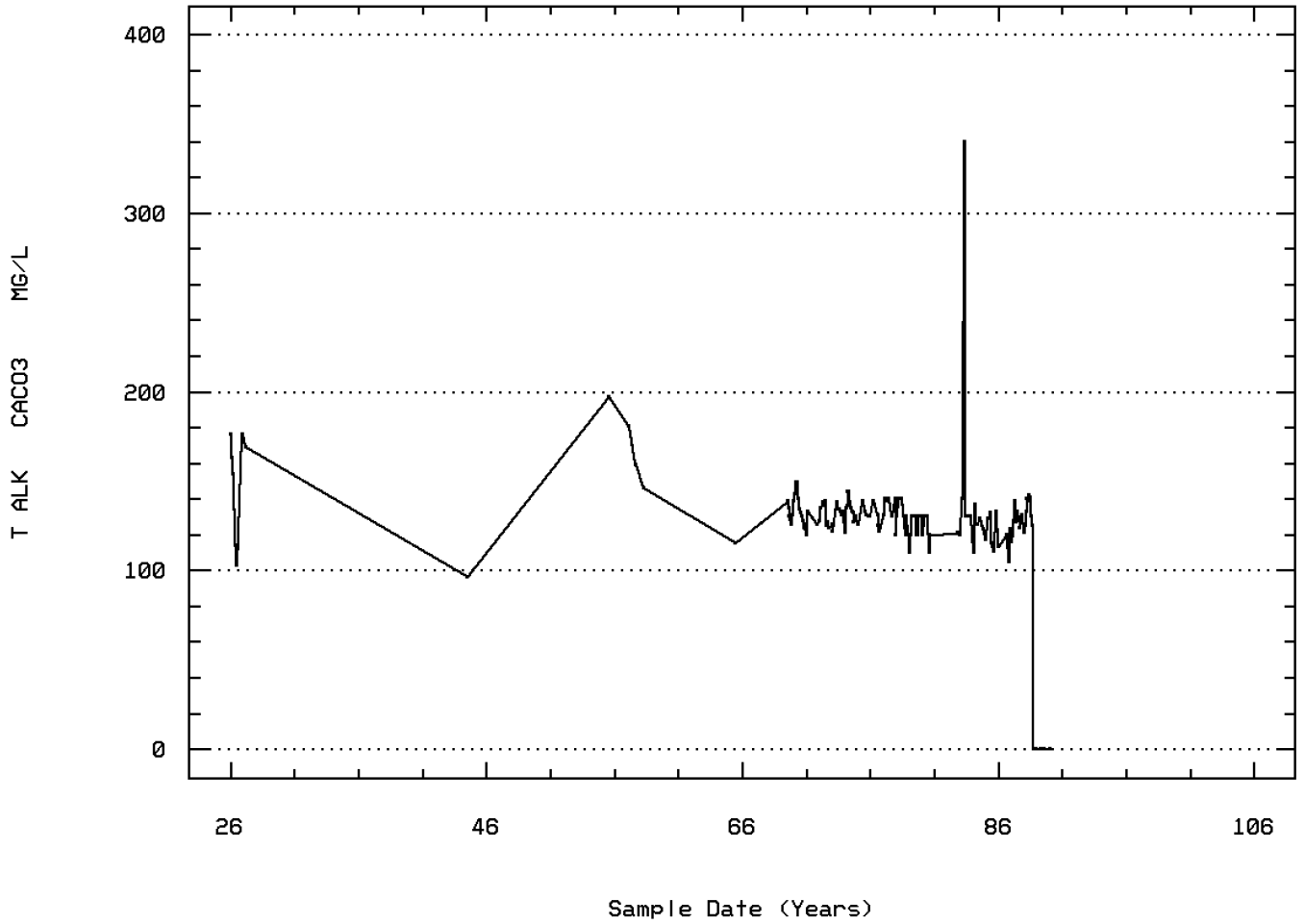
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00410

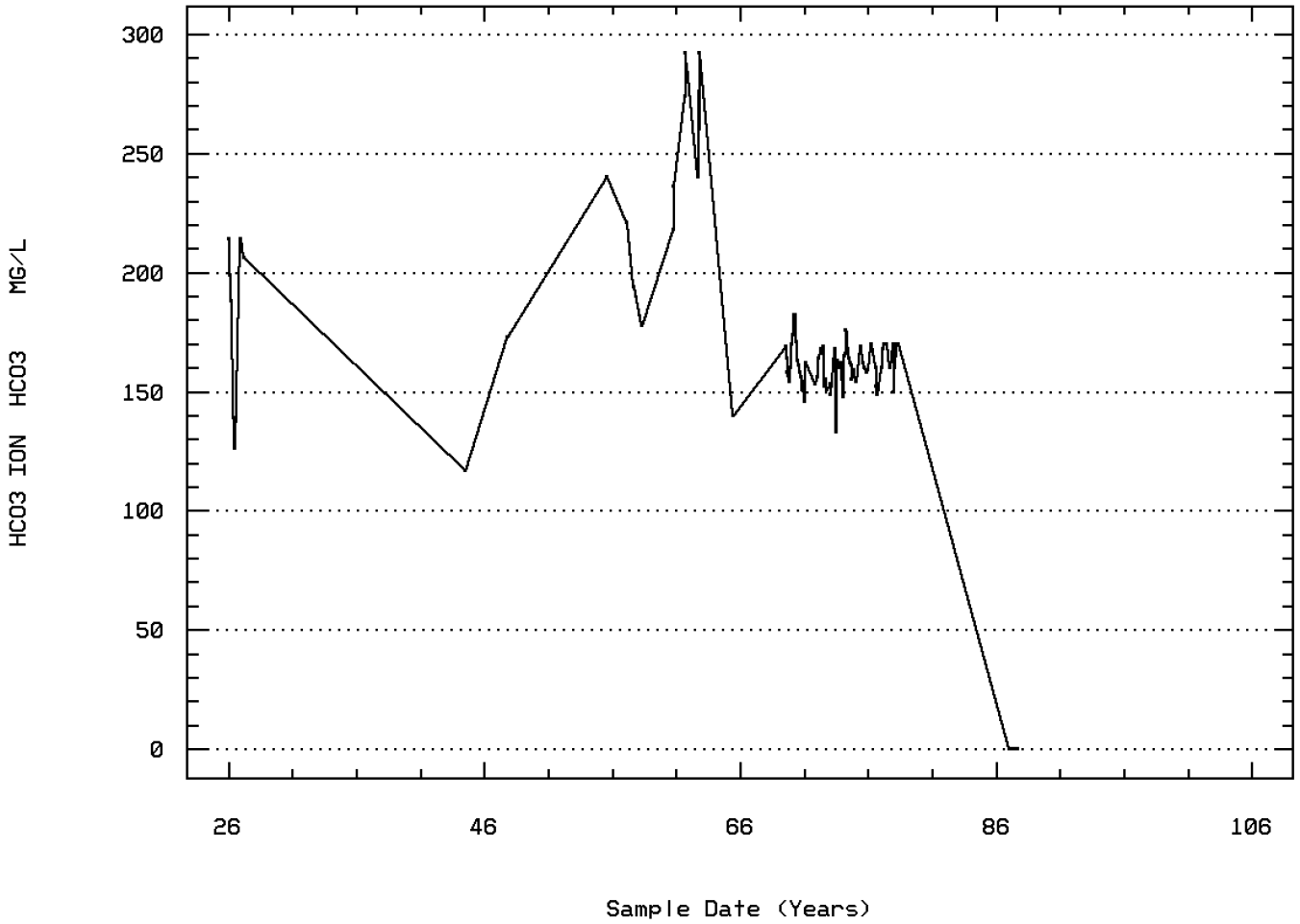
ALKALINITY, TOTAL (MG/L AS CACO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00440

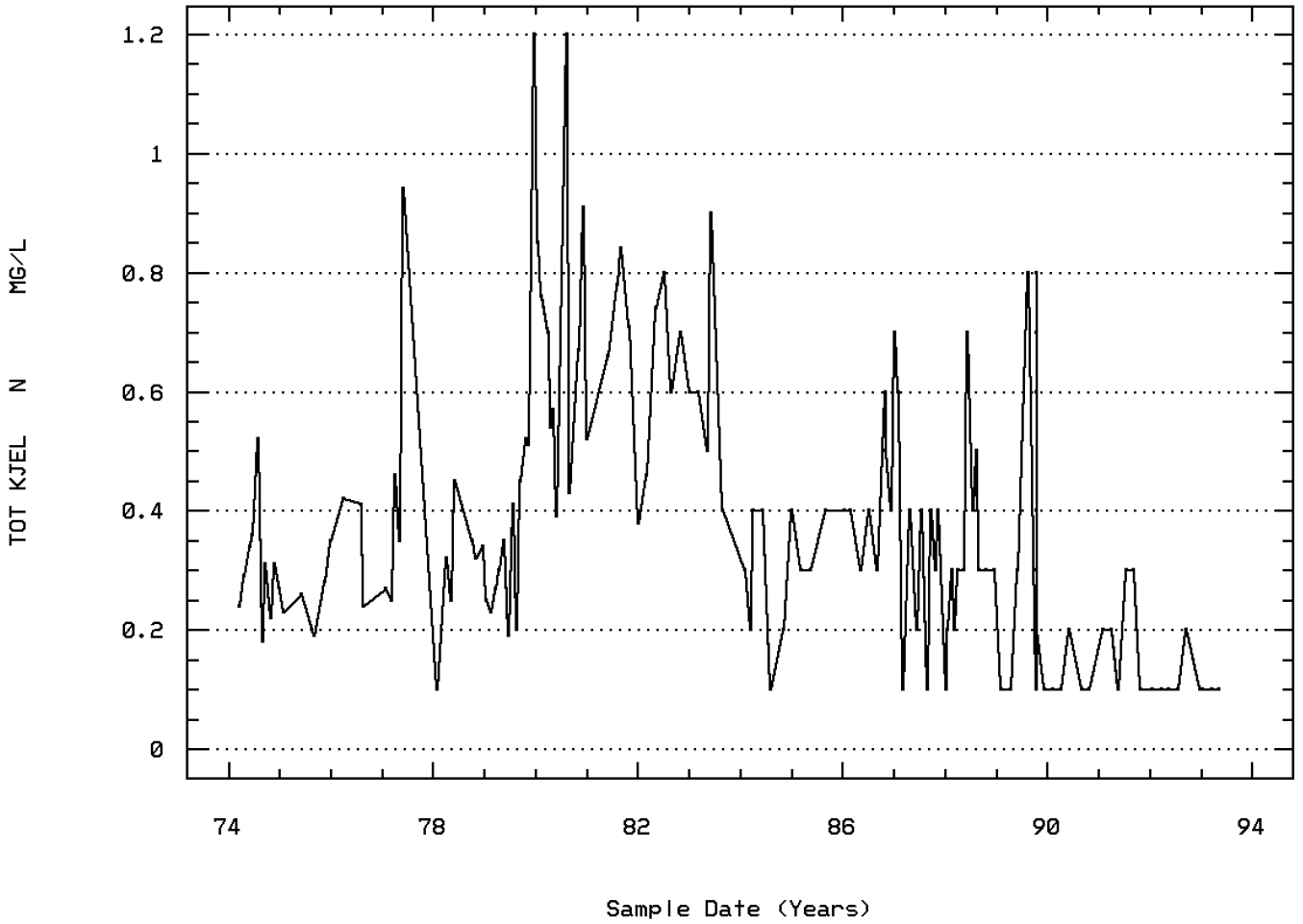
BICARBONATE ION (MG/L AS HCO3)



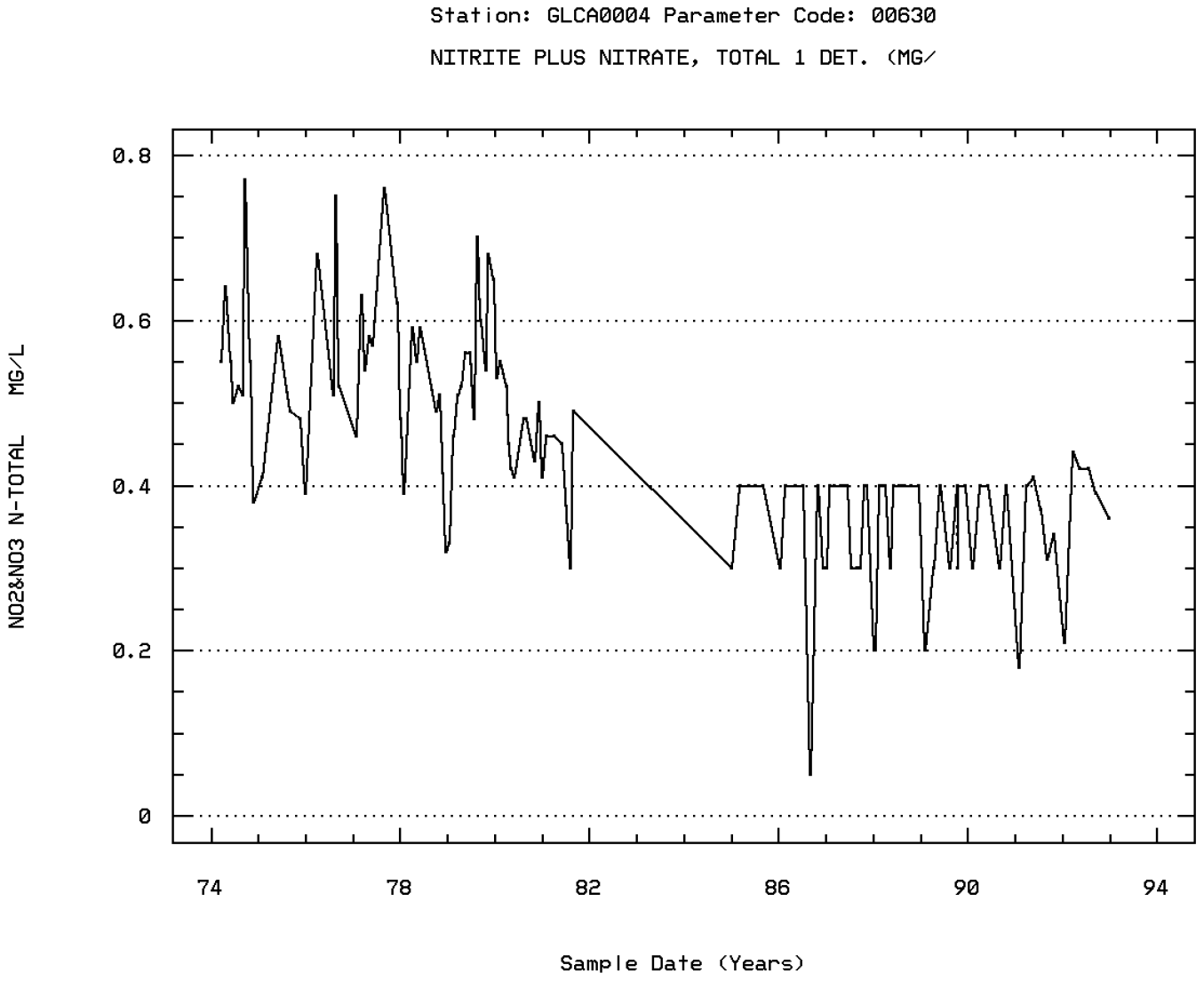
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00625

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



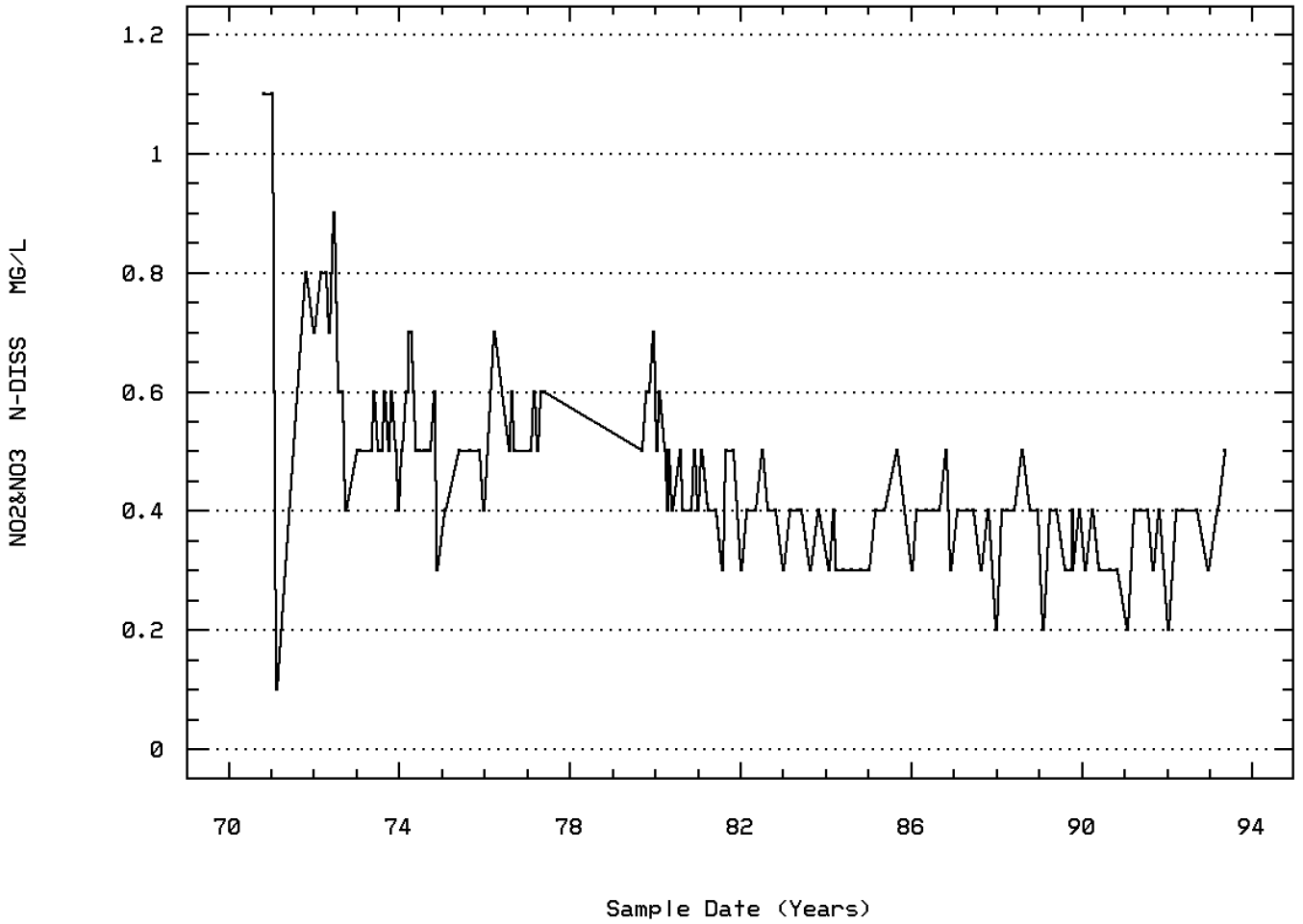
COLORADO R AT LEES FERRY, AZ.



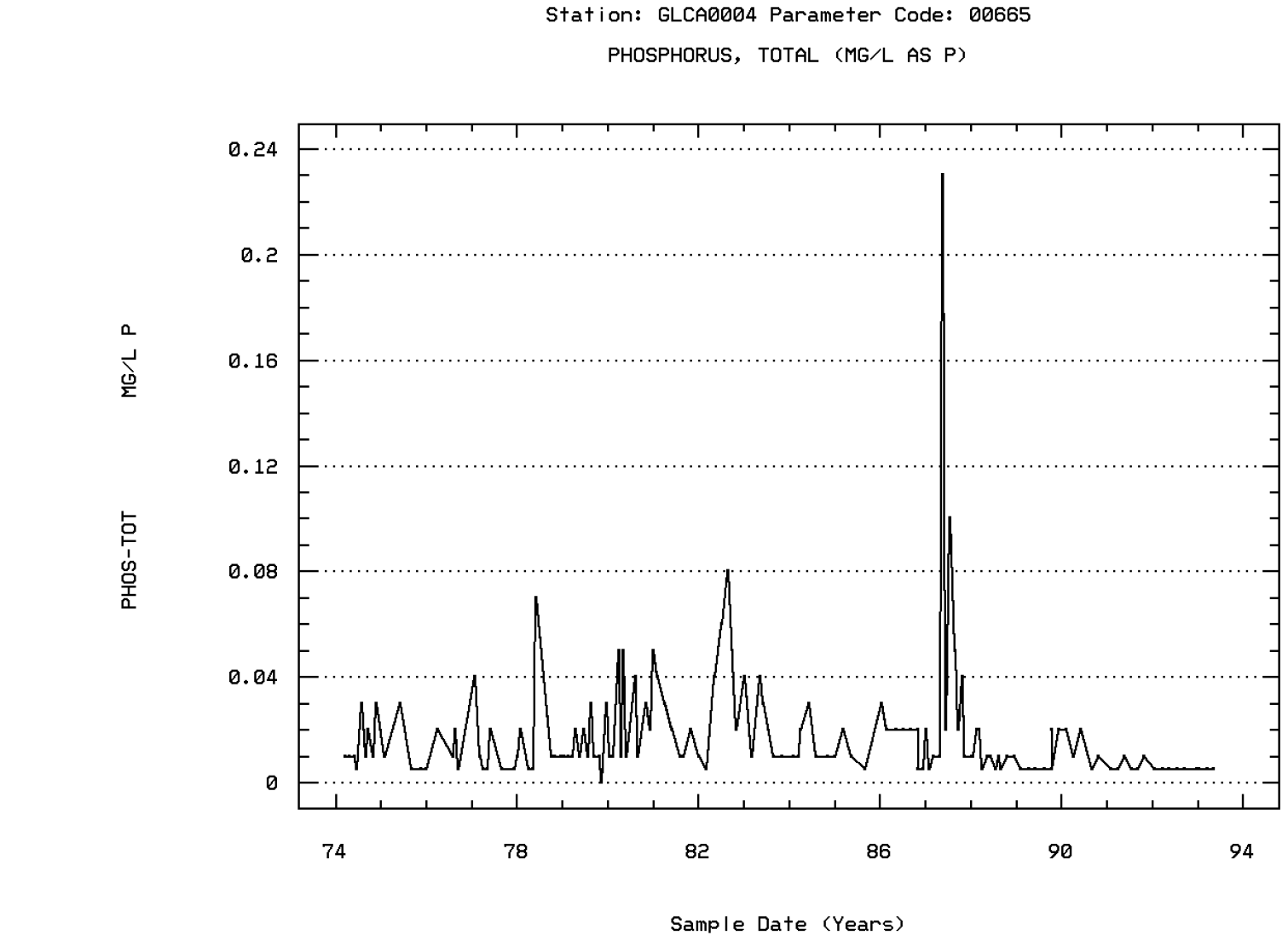
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00631

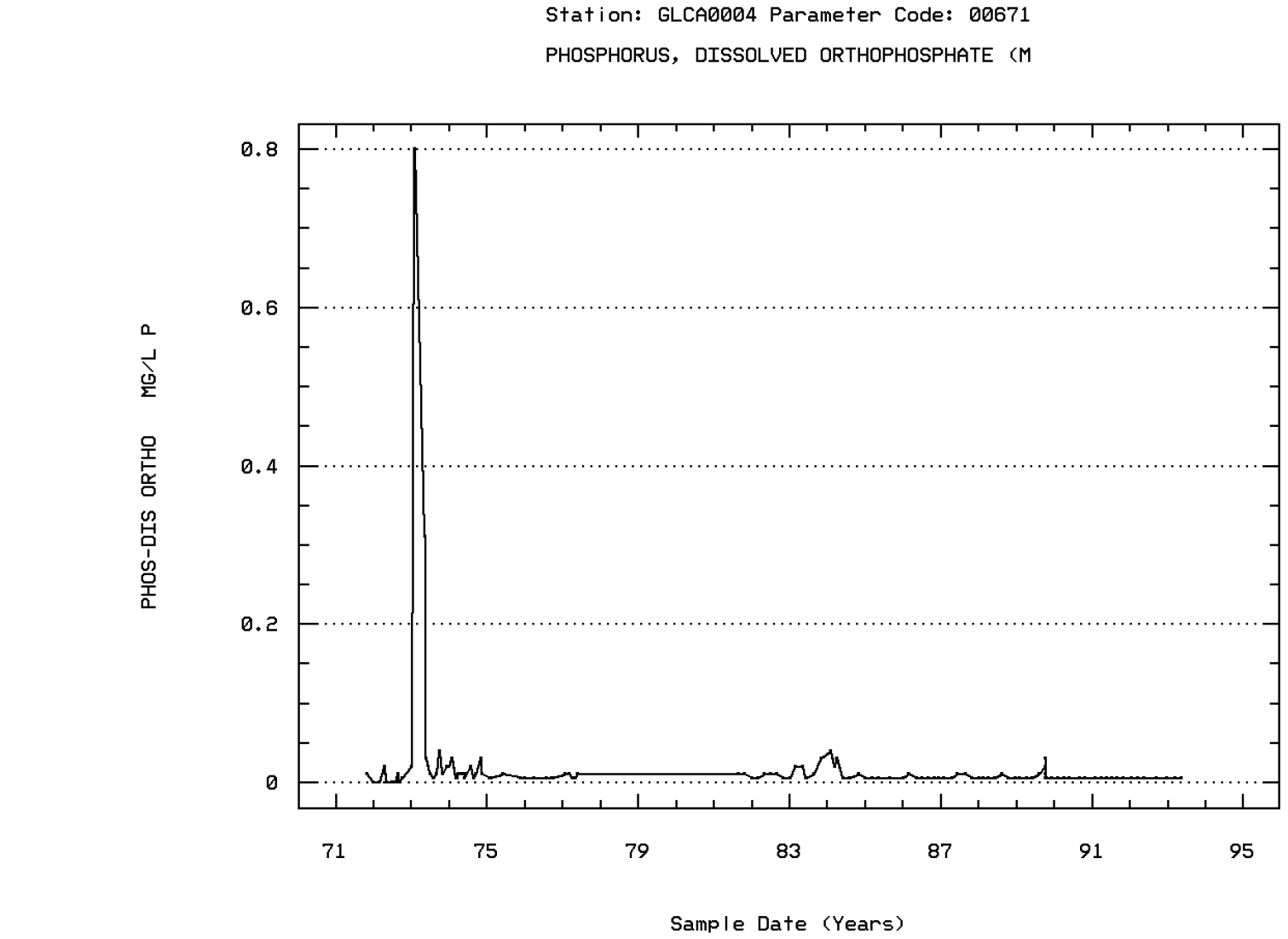
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



COLORADO R AT LEES FERRY, AZ.



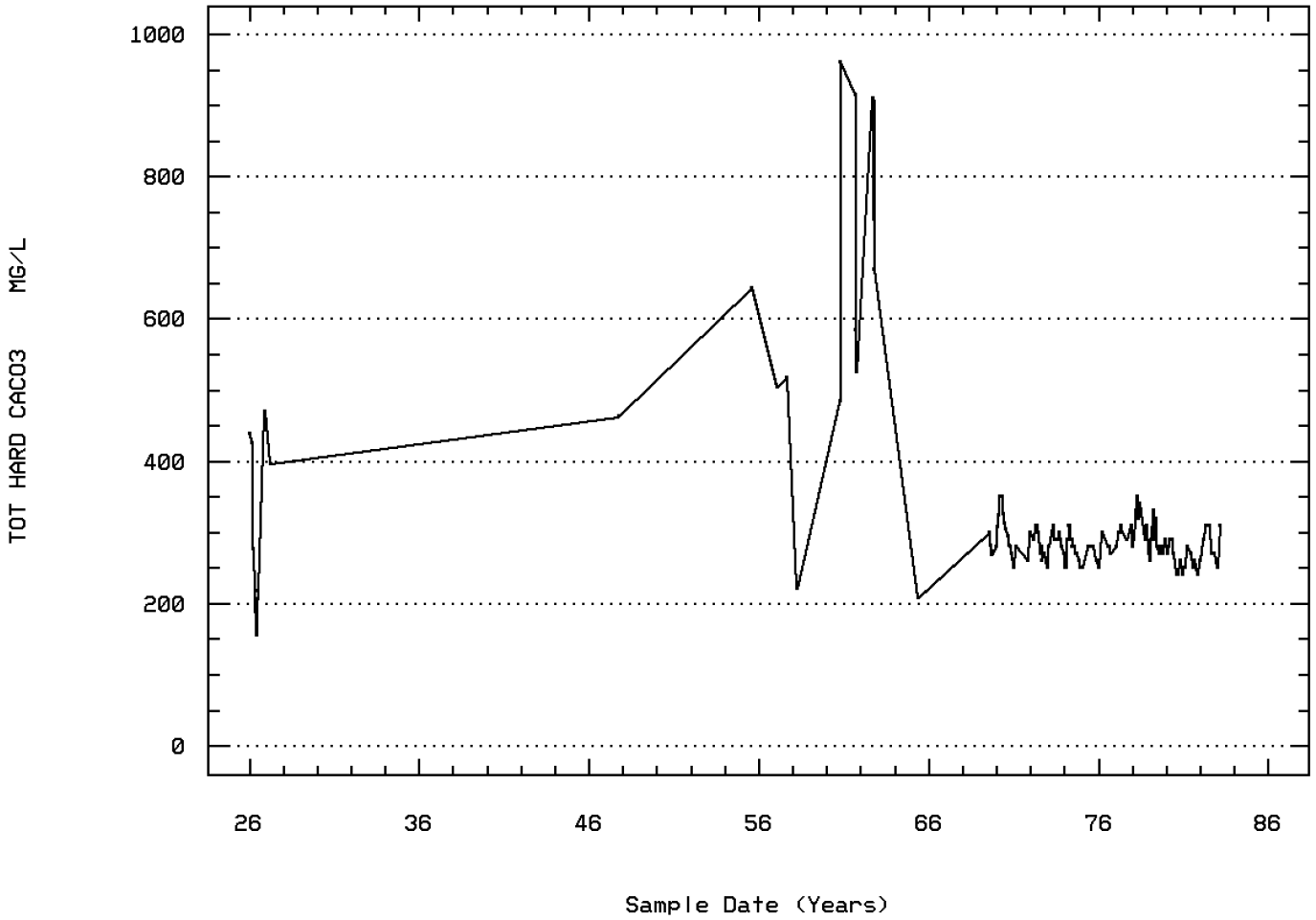
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00900

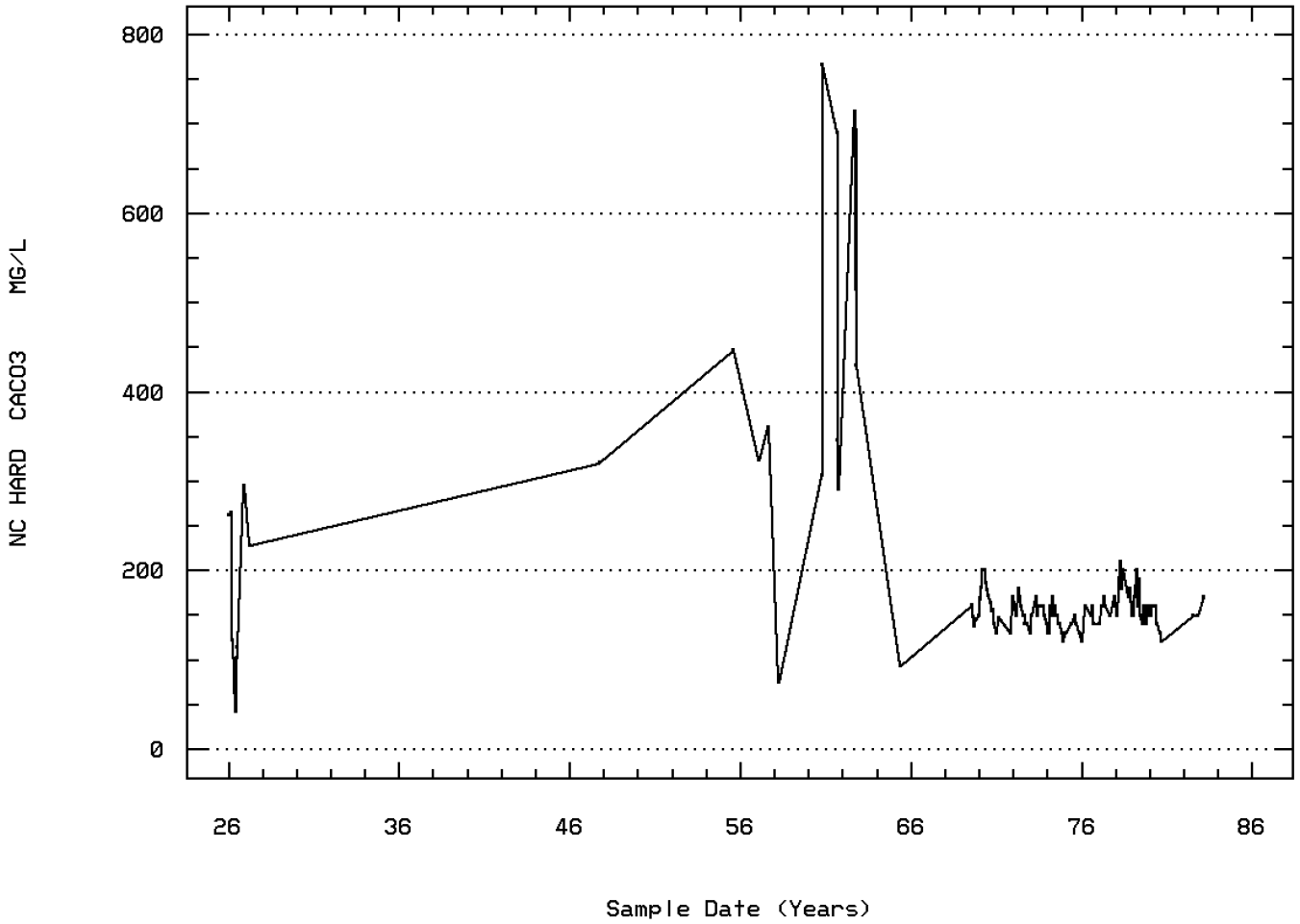
HARDNESS, TOTAL (MG/L AS CACO3)



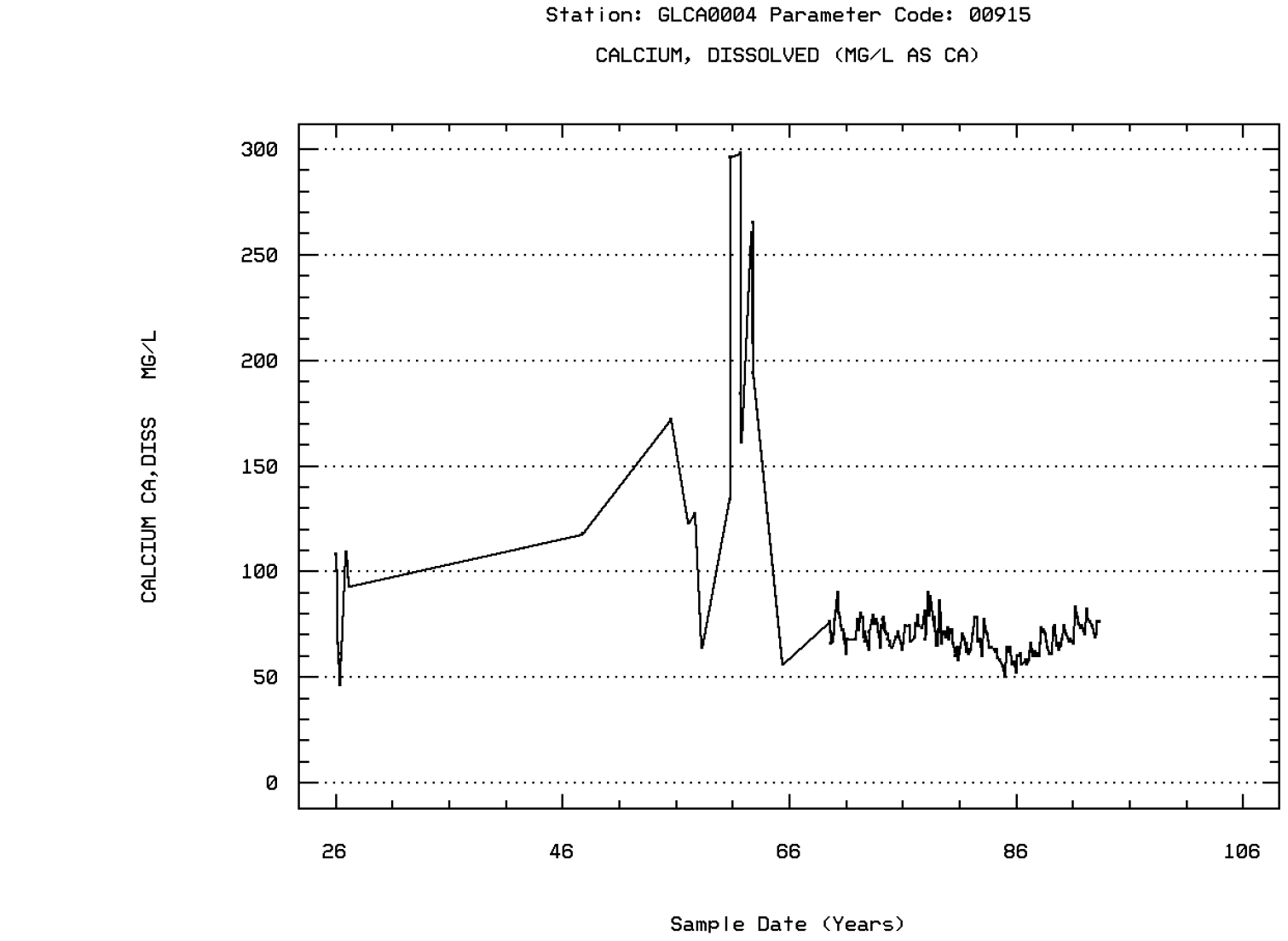
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00902

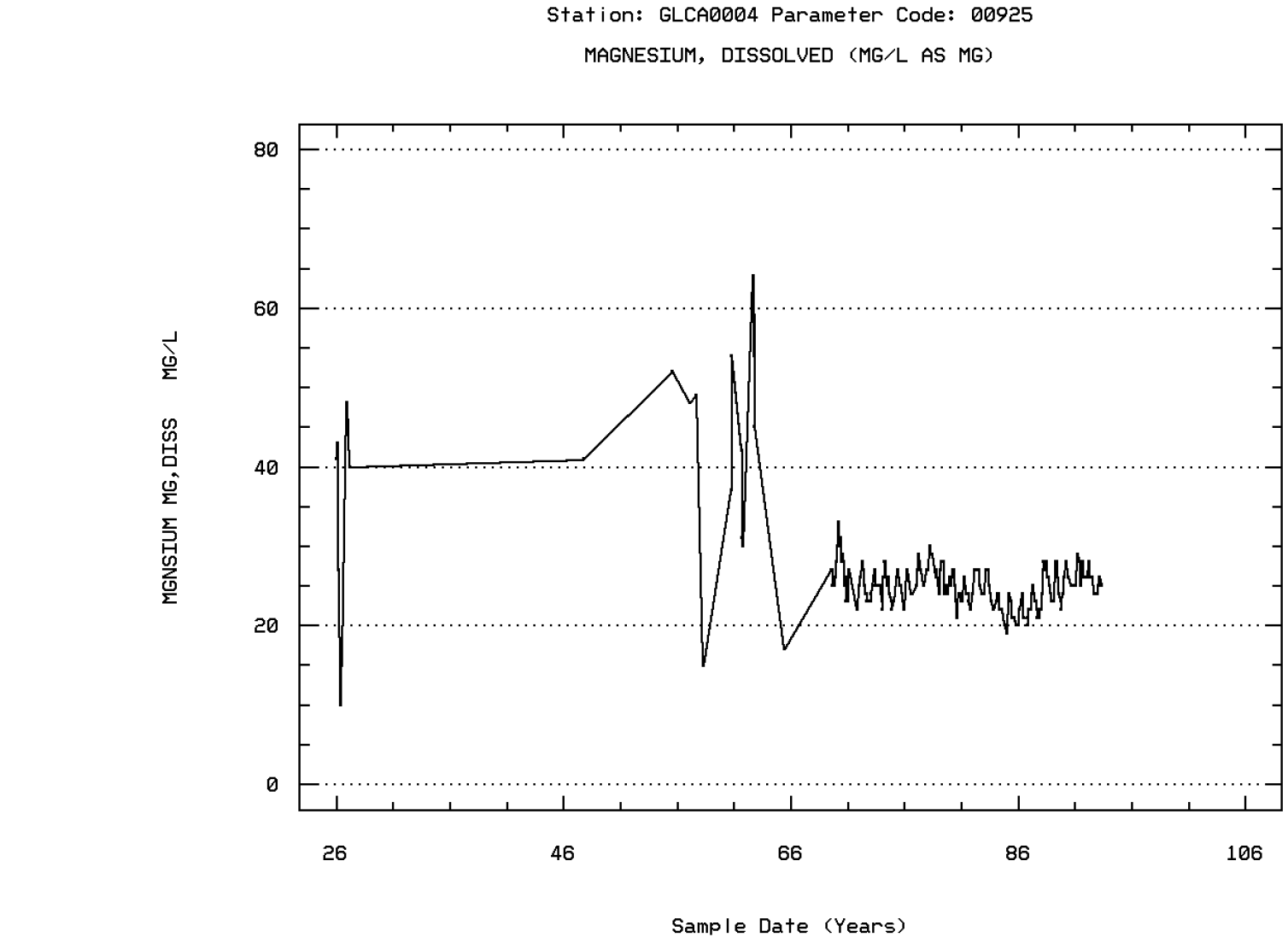
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



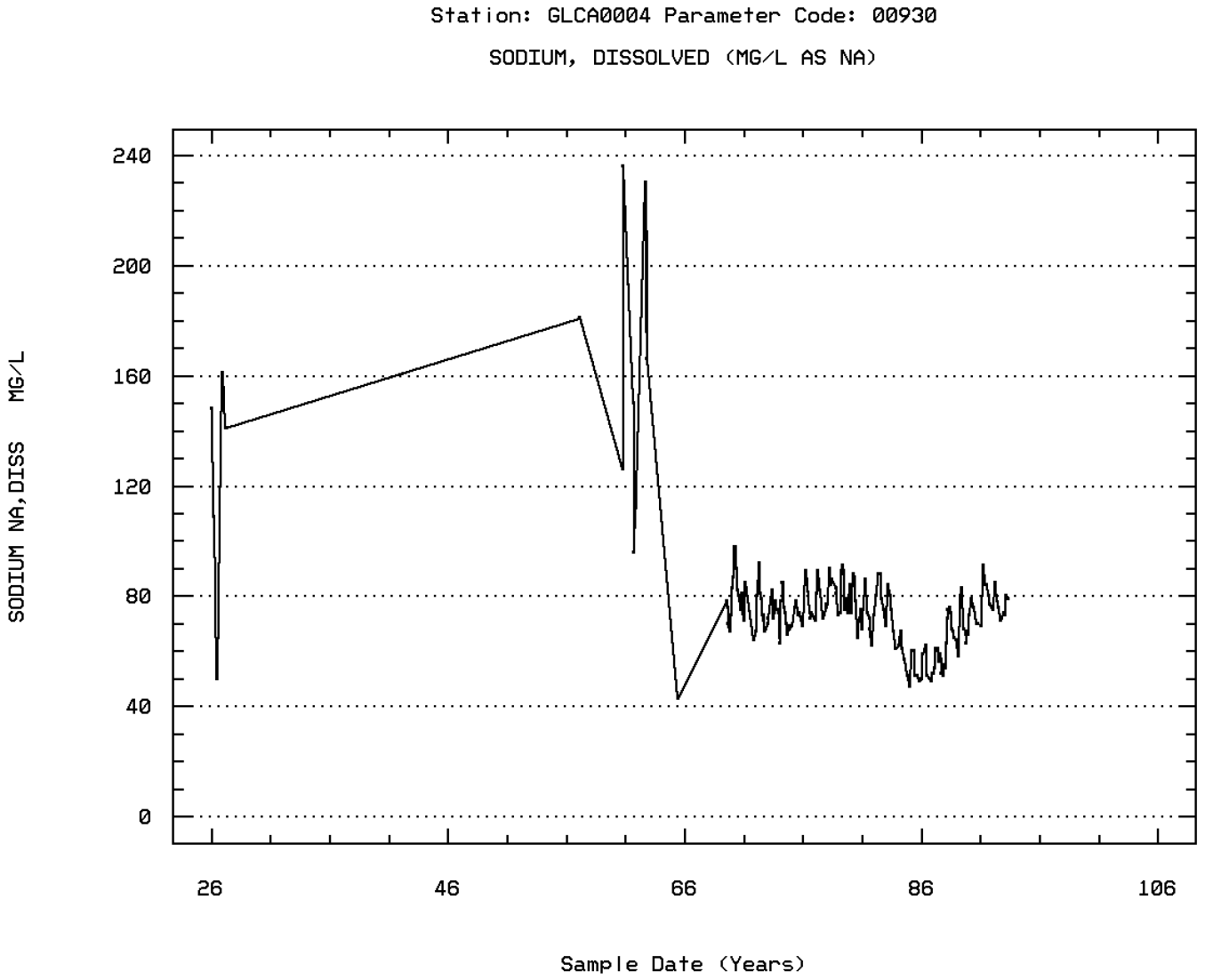
COLORADO R AT LEES FERRY, AZ.



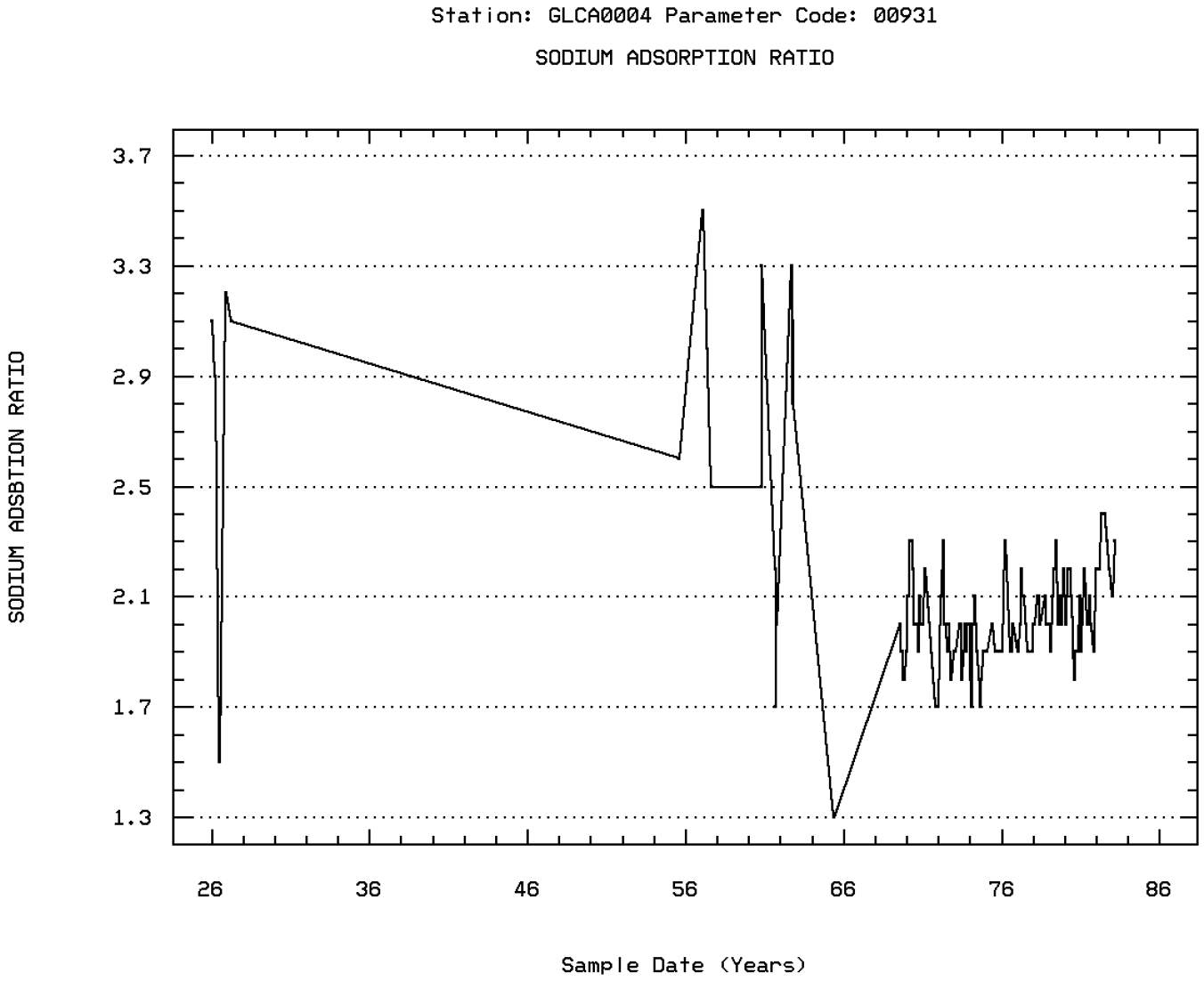
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.



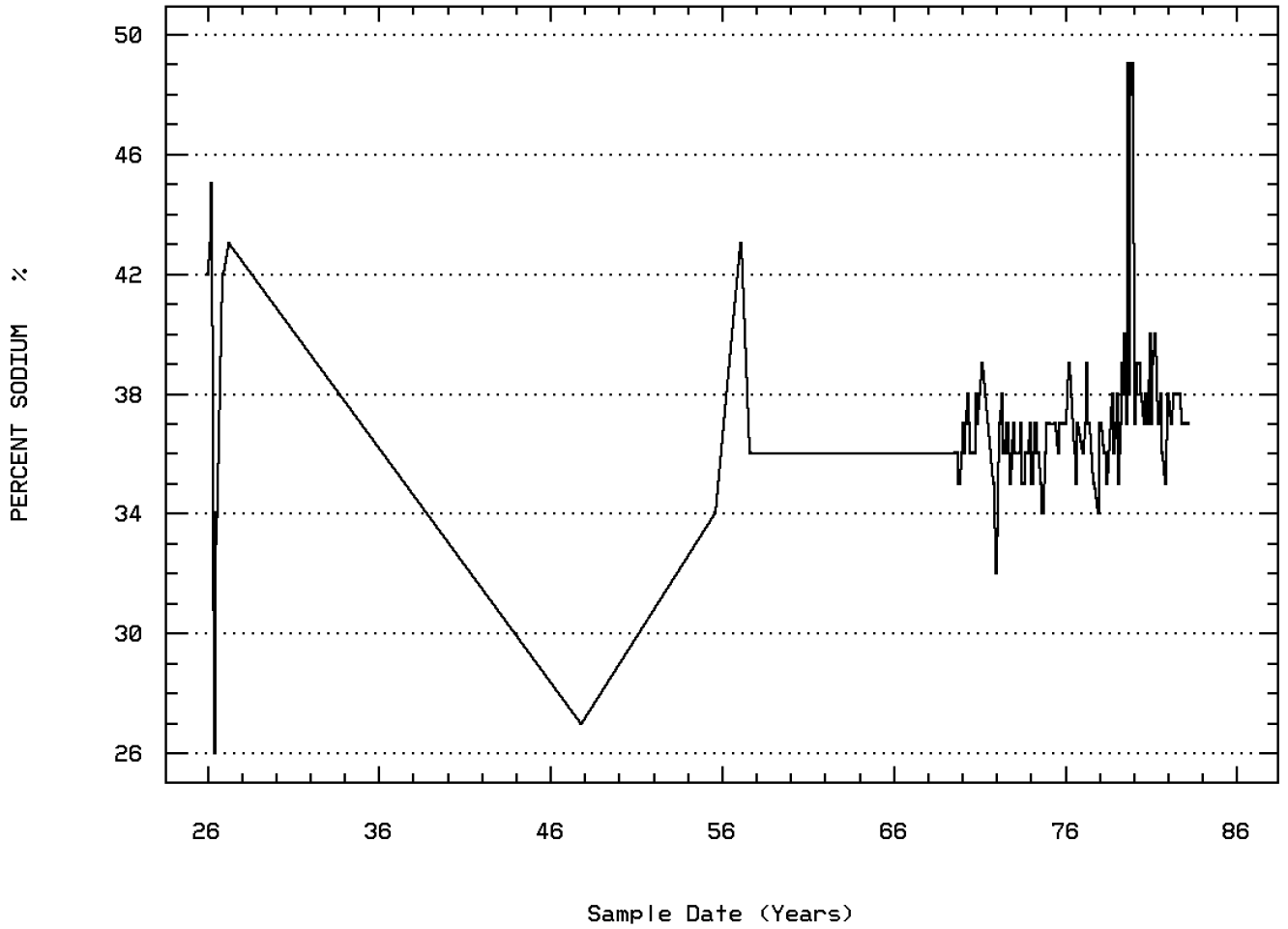
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00932

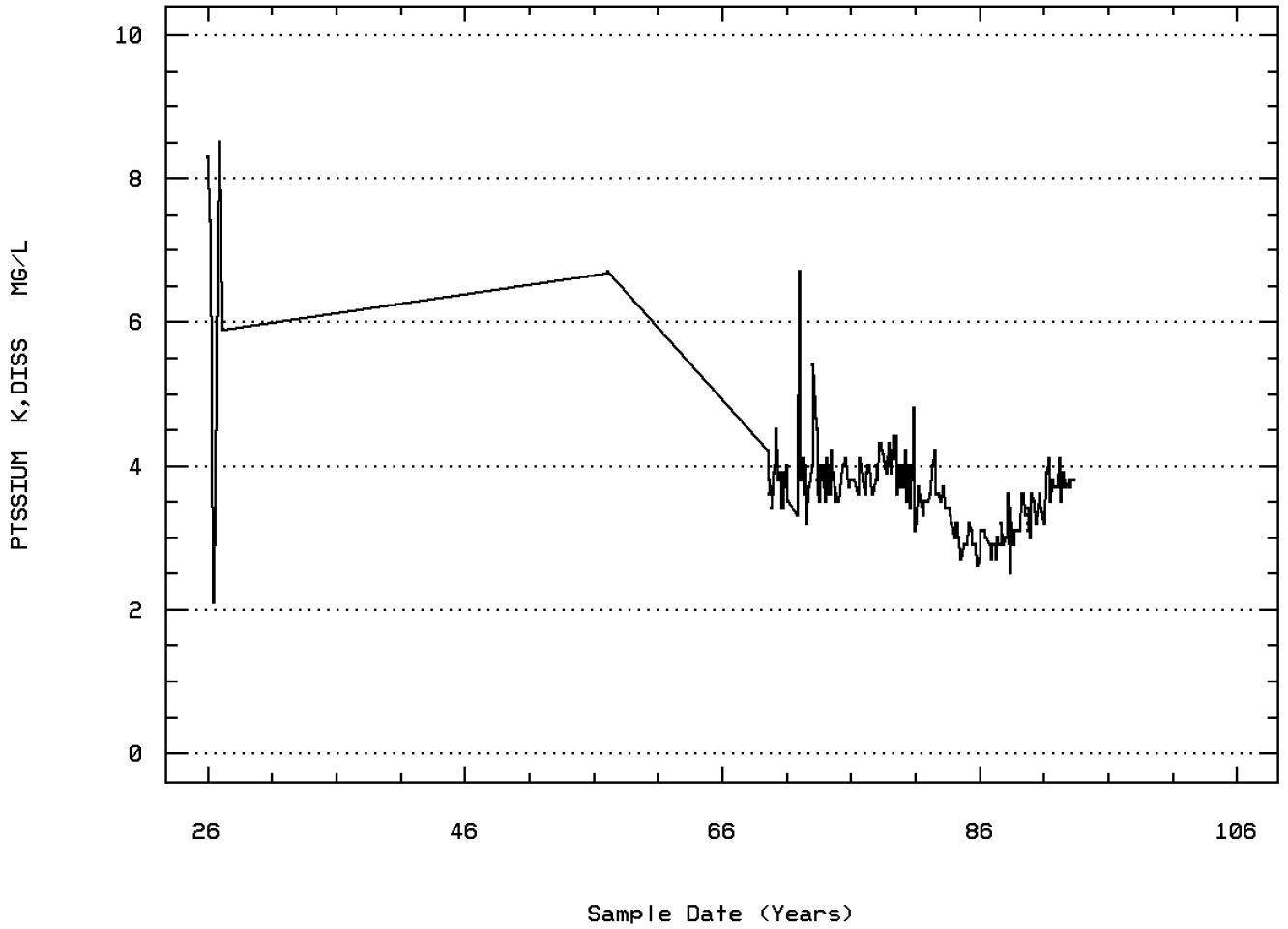
SODIUM, PERCENT



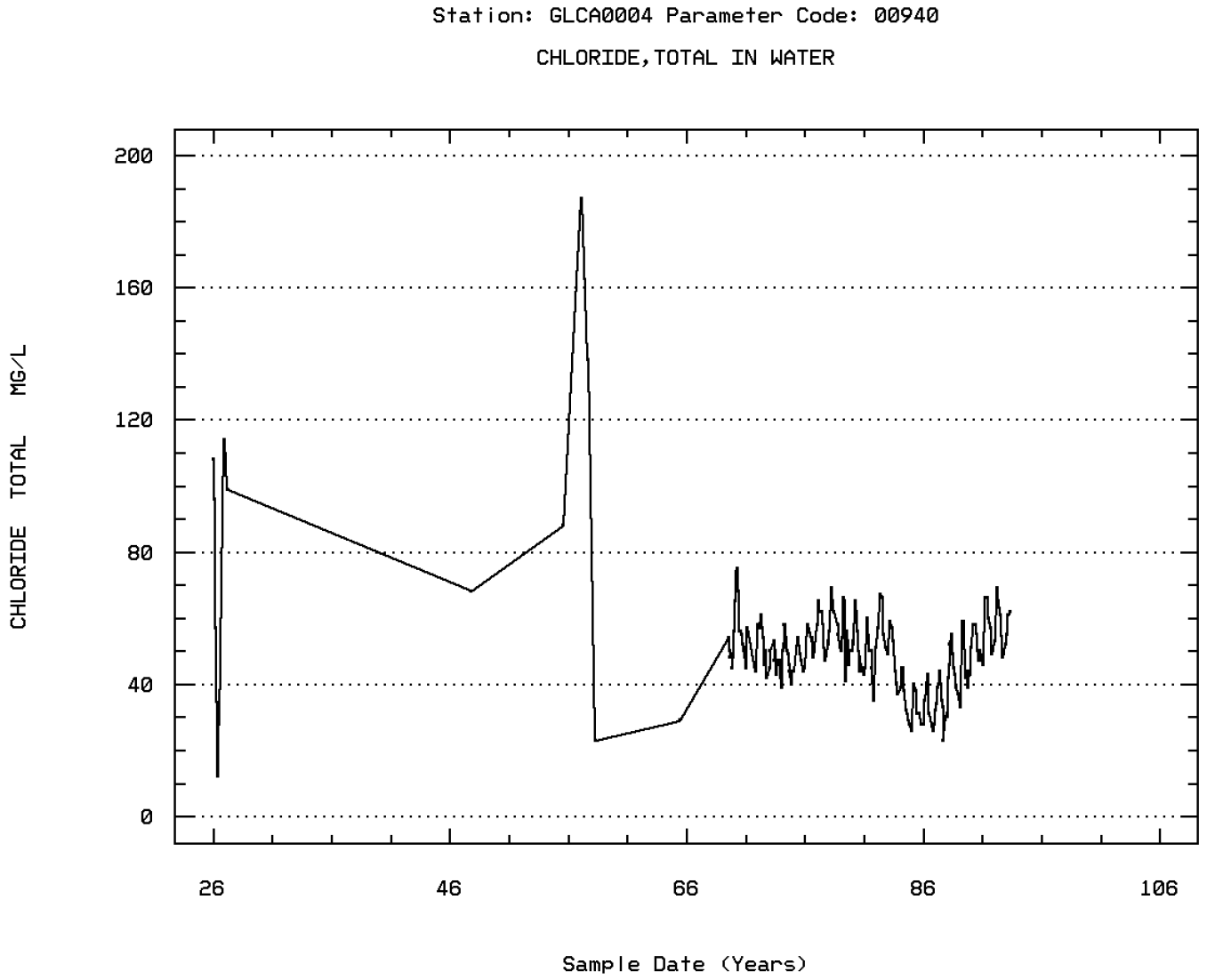
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00935

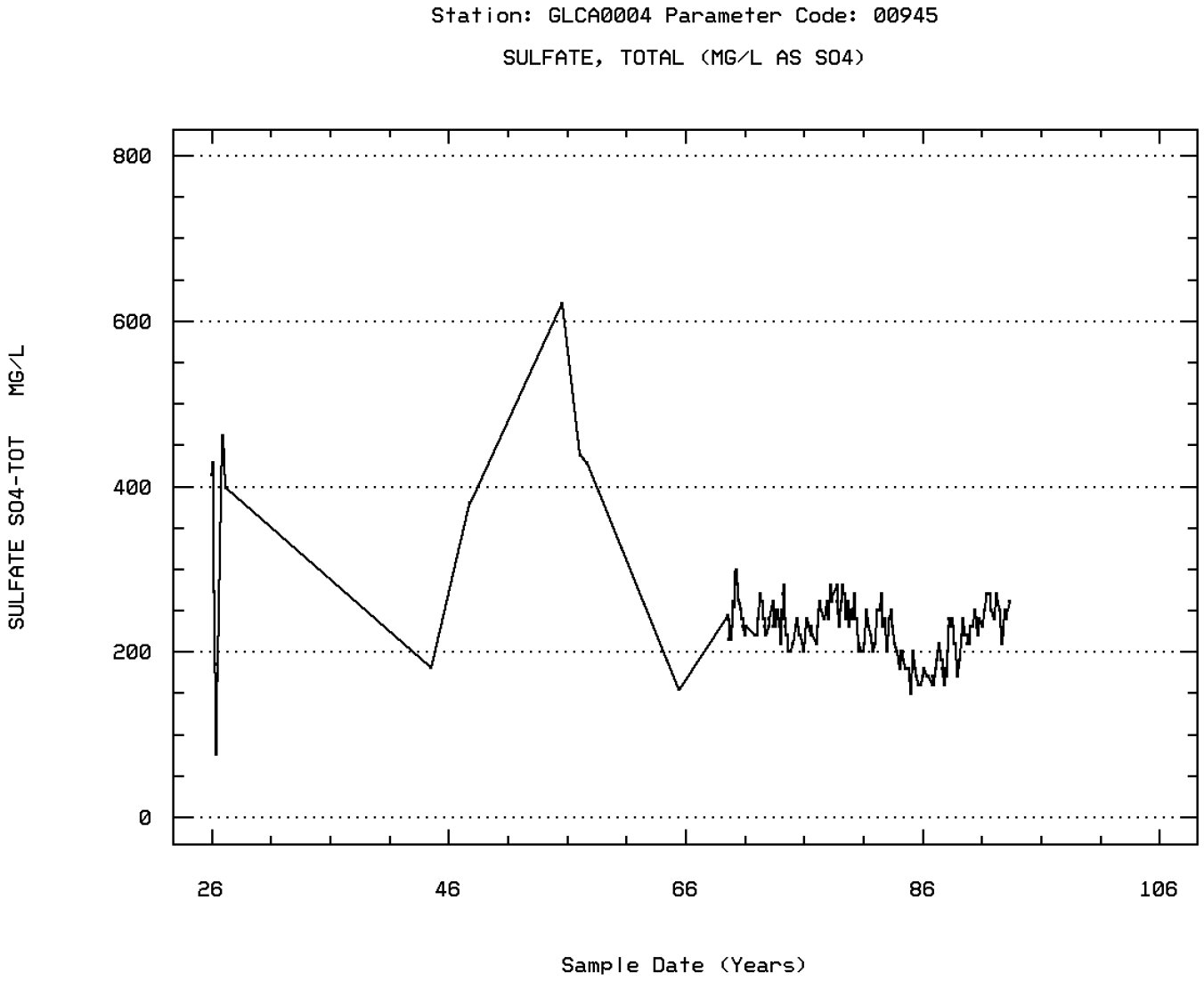
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AT LEES FERRY, AZ.



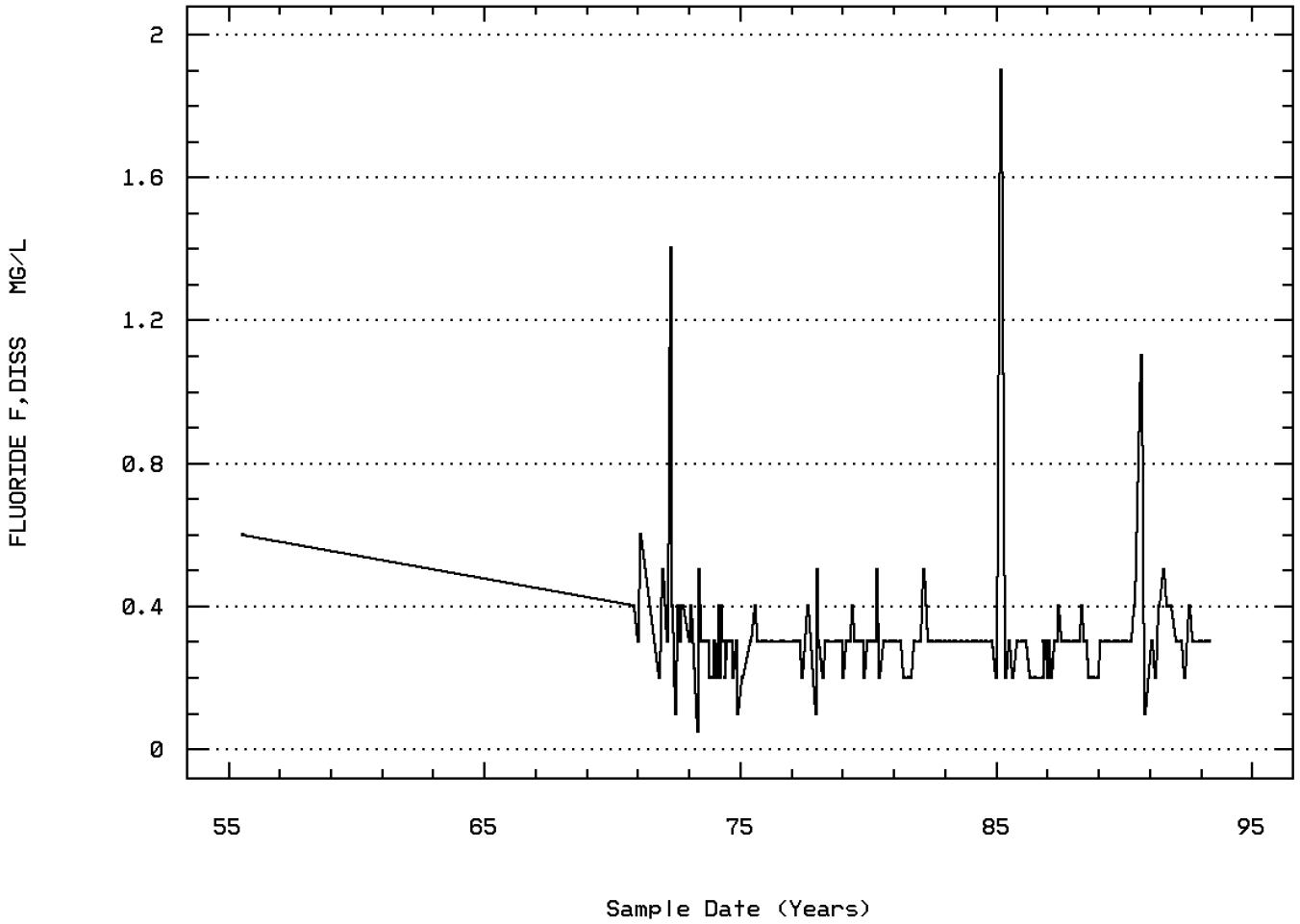
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00950

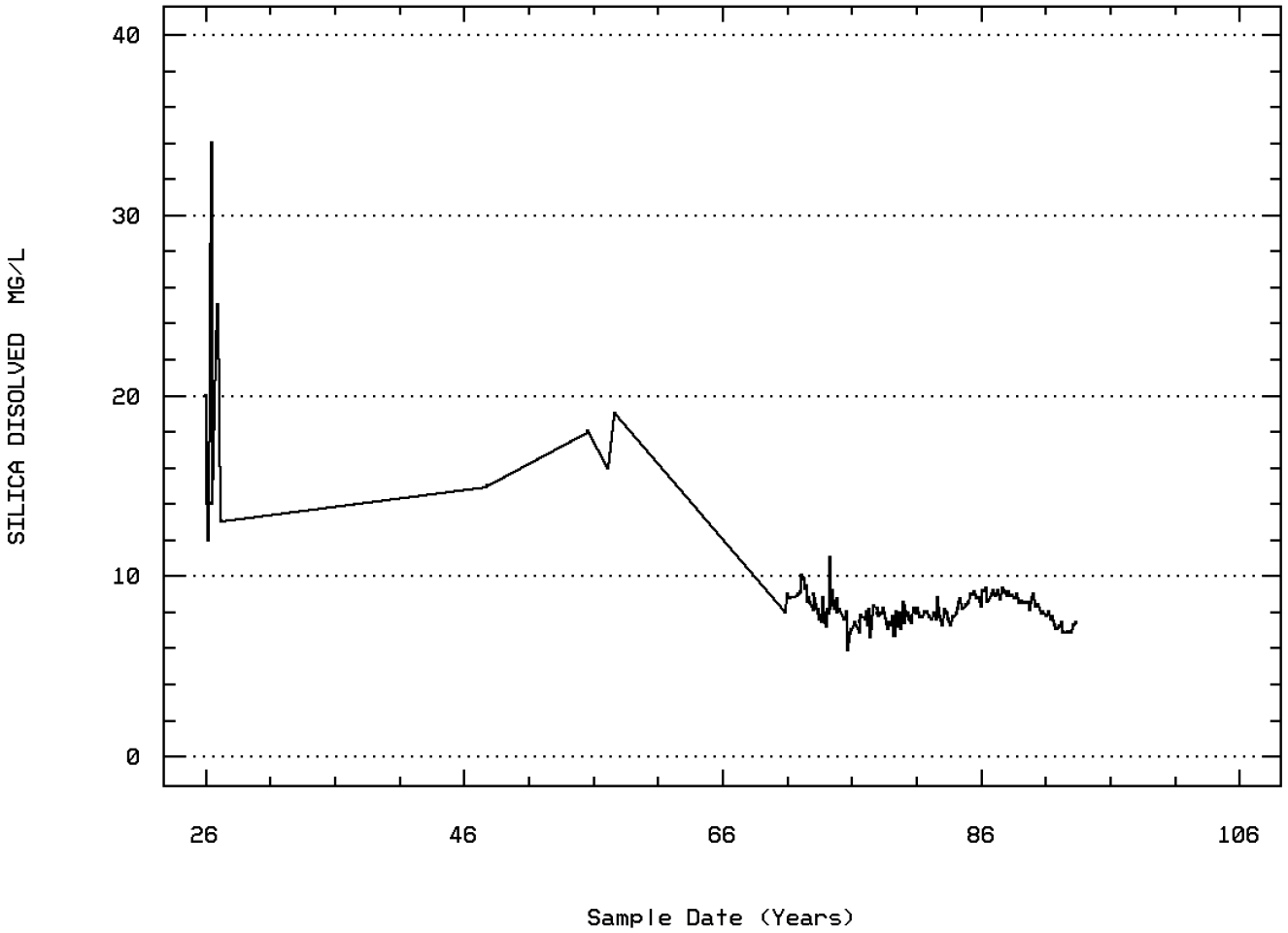
FLUORIDE, DISSOLVED (MG/L AS F)



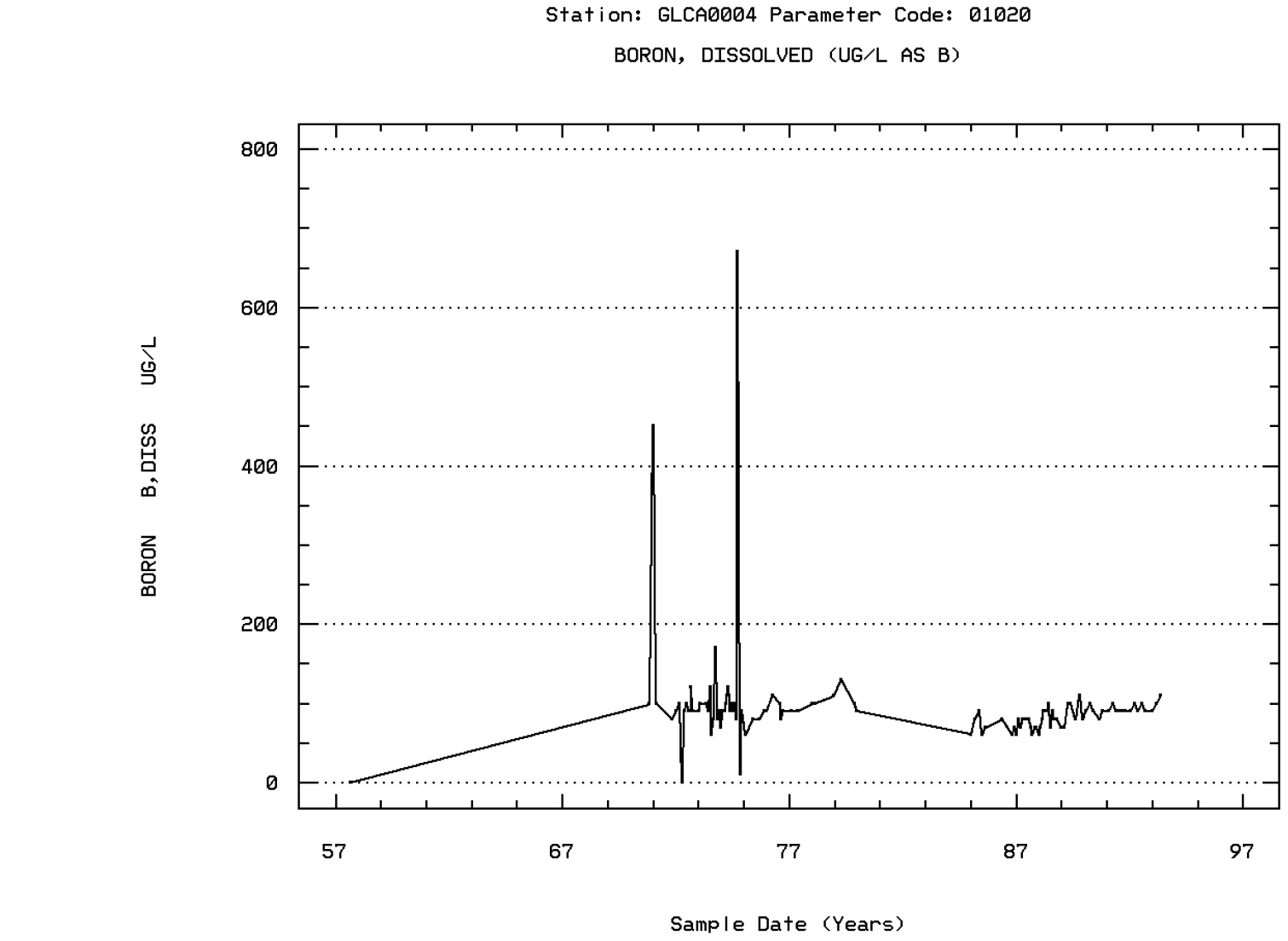
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00955

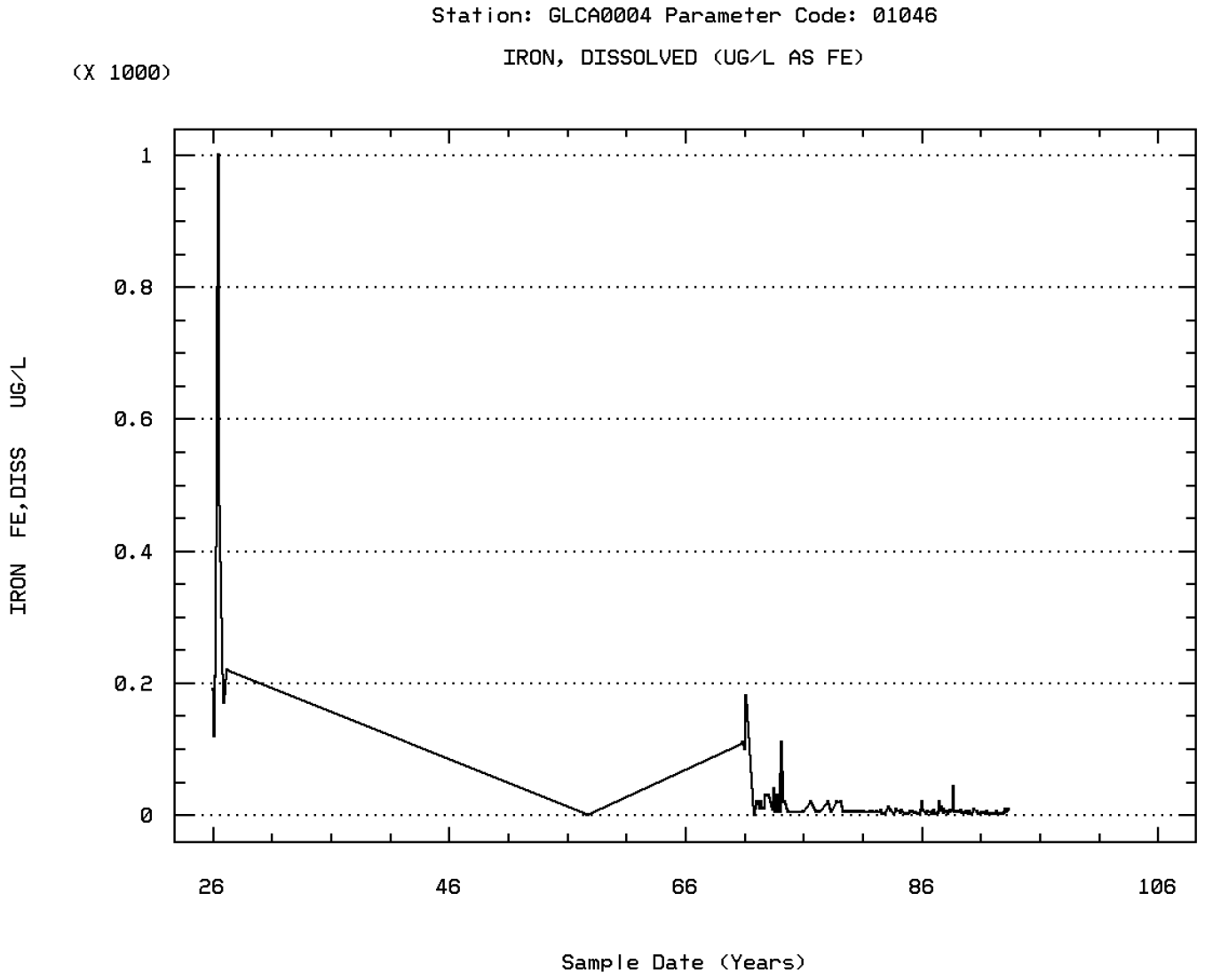
SILICA, DISSOLVED (MG/L AS SI02)



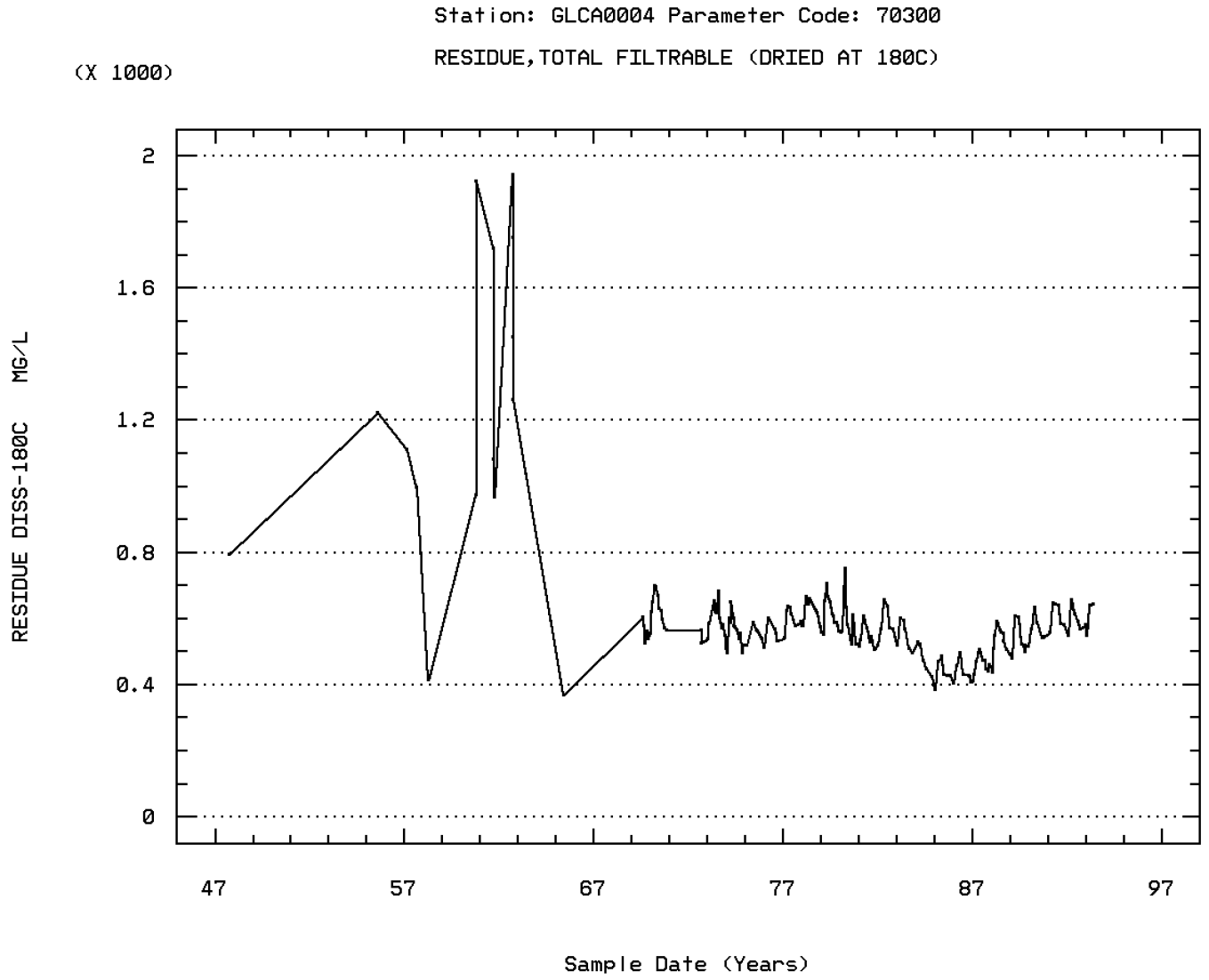
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.



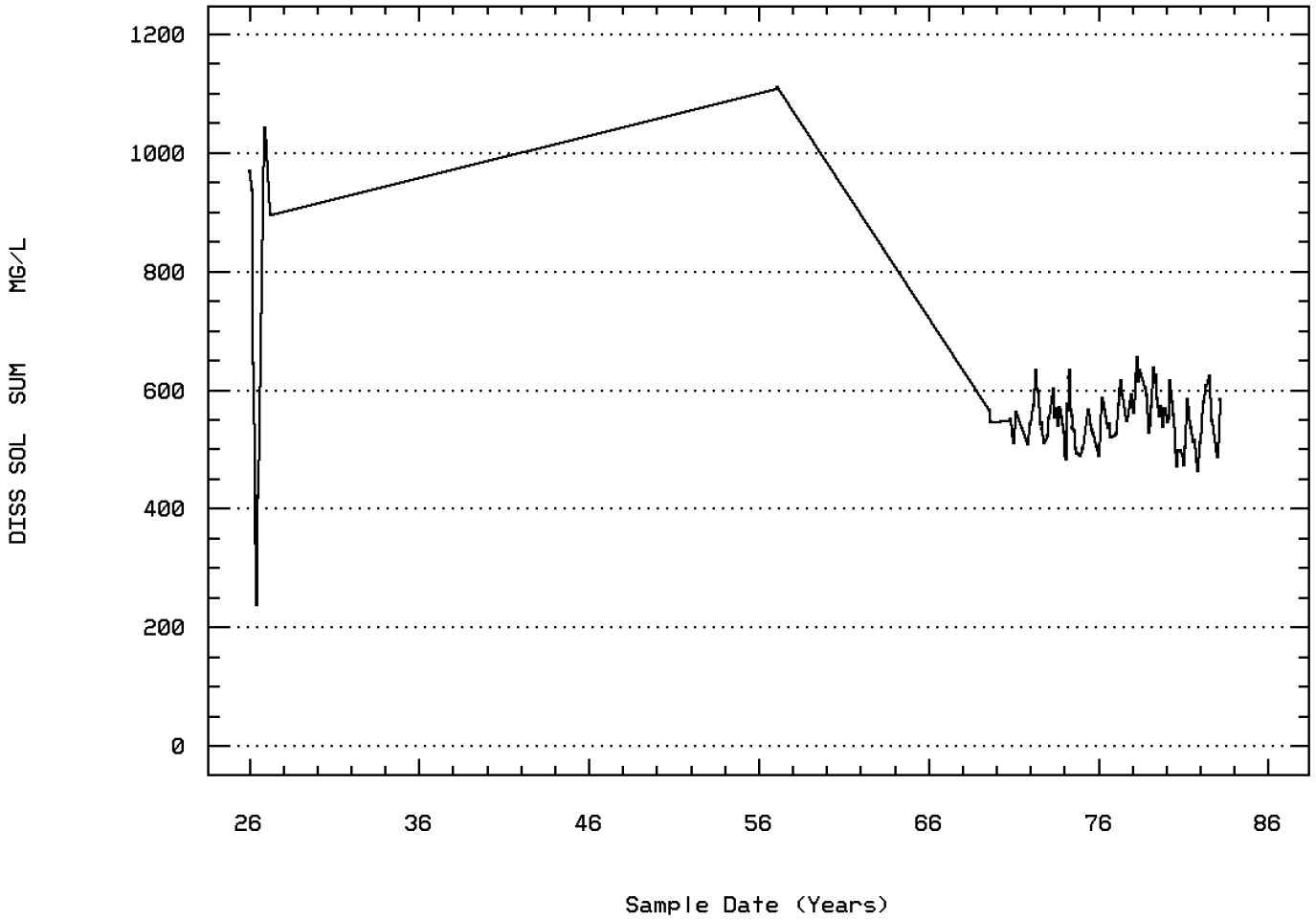
COLORADO R AT LEES FERRY, AZ.



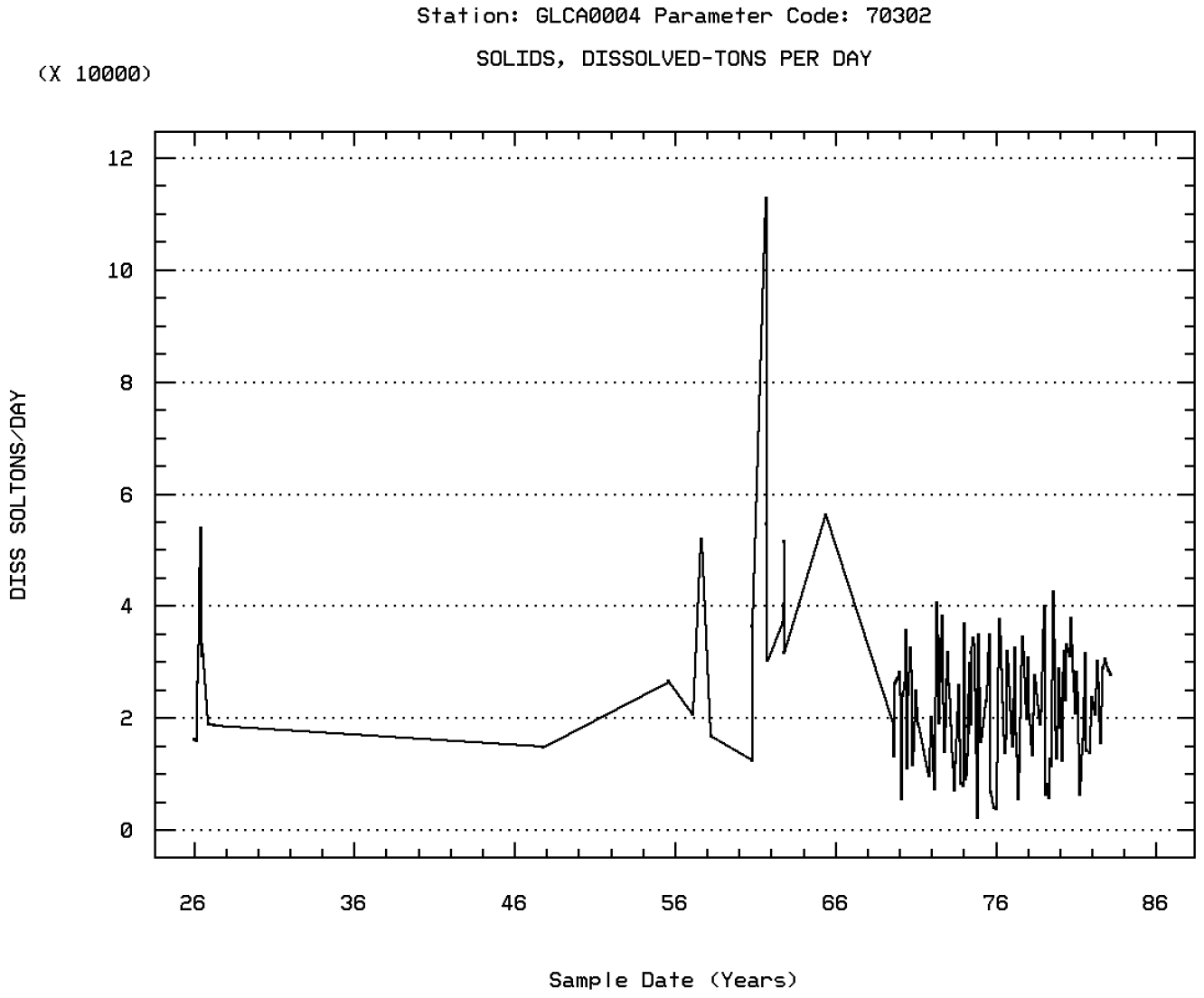
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70301

SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



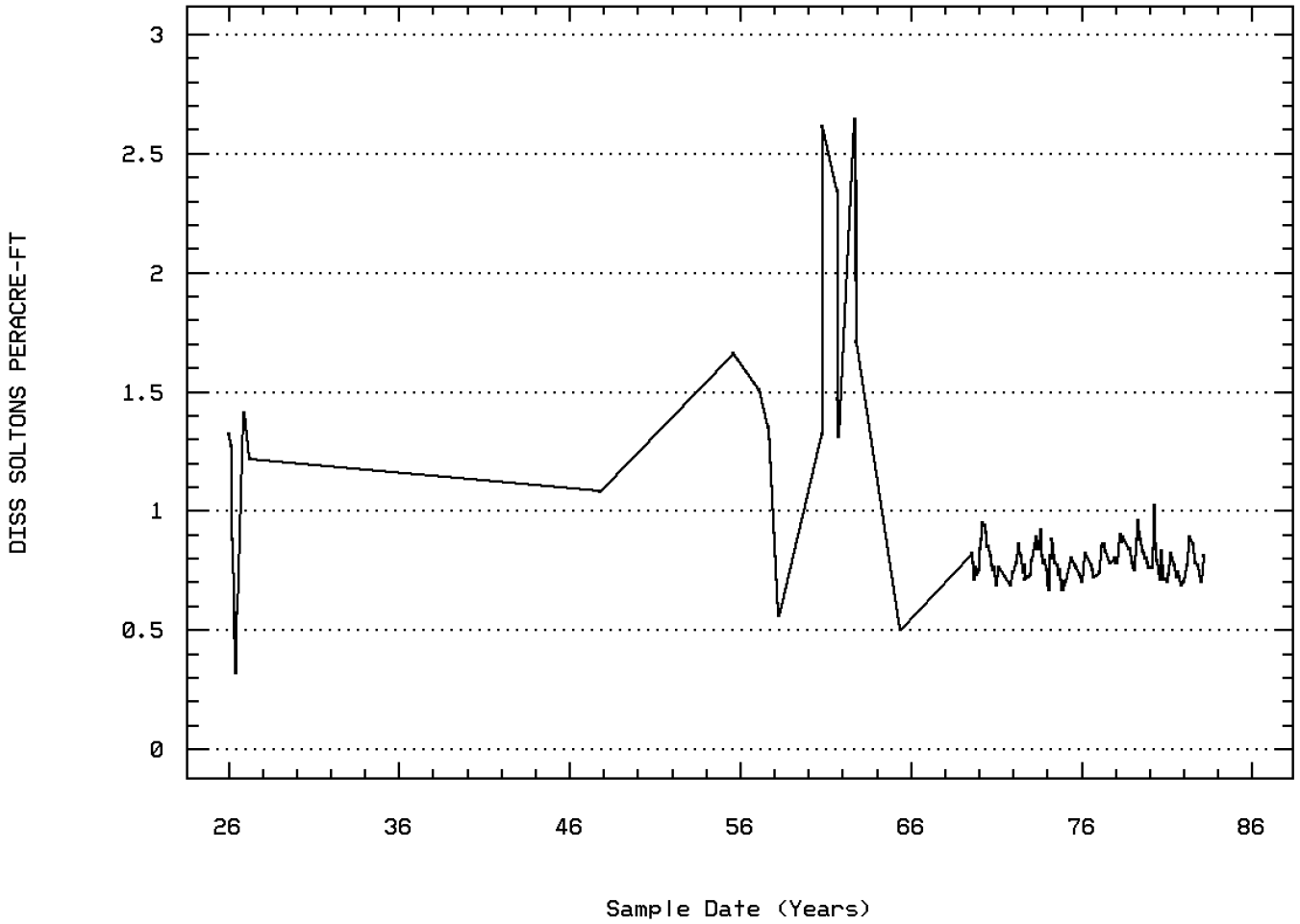
COLORADO R AT LEES FERRY, AZ.



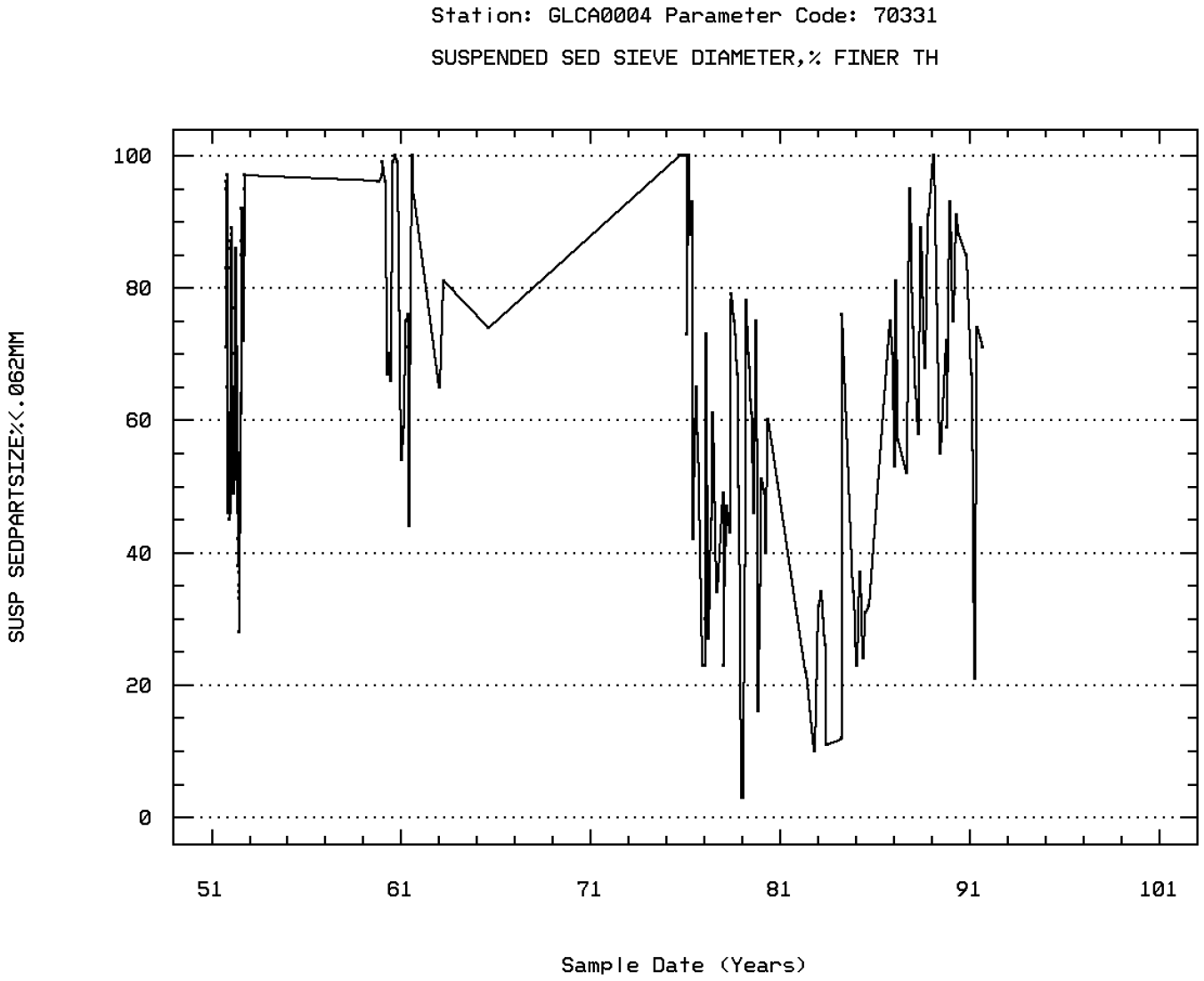
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70303

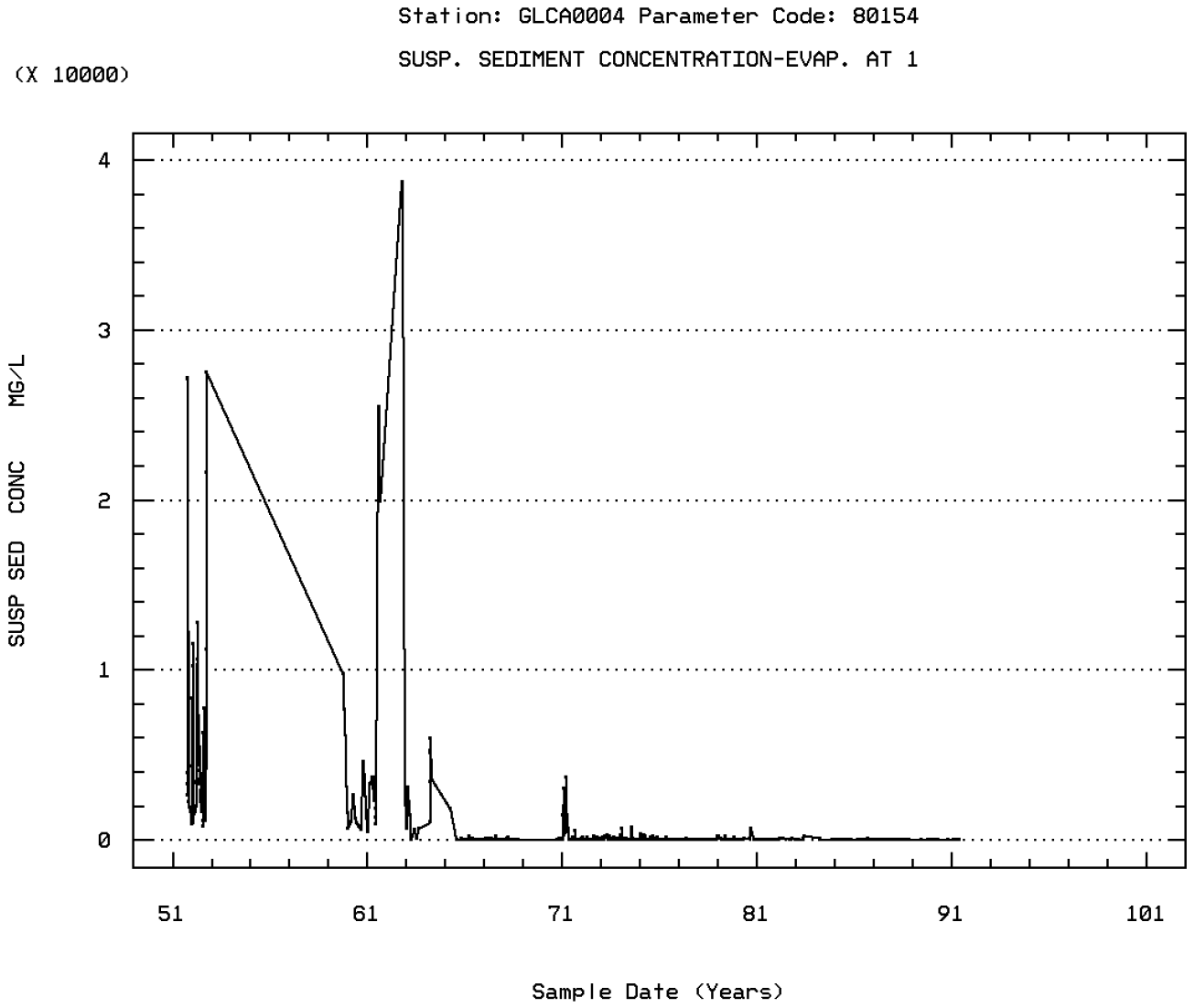
SOLIDS, DISSOLVED-TONS PER ACRE-FT



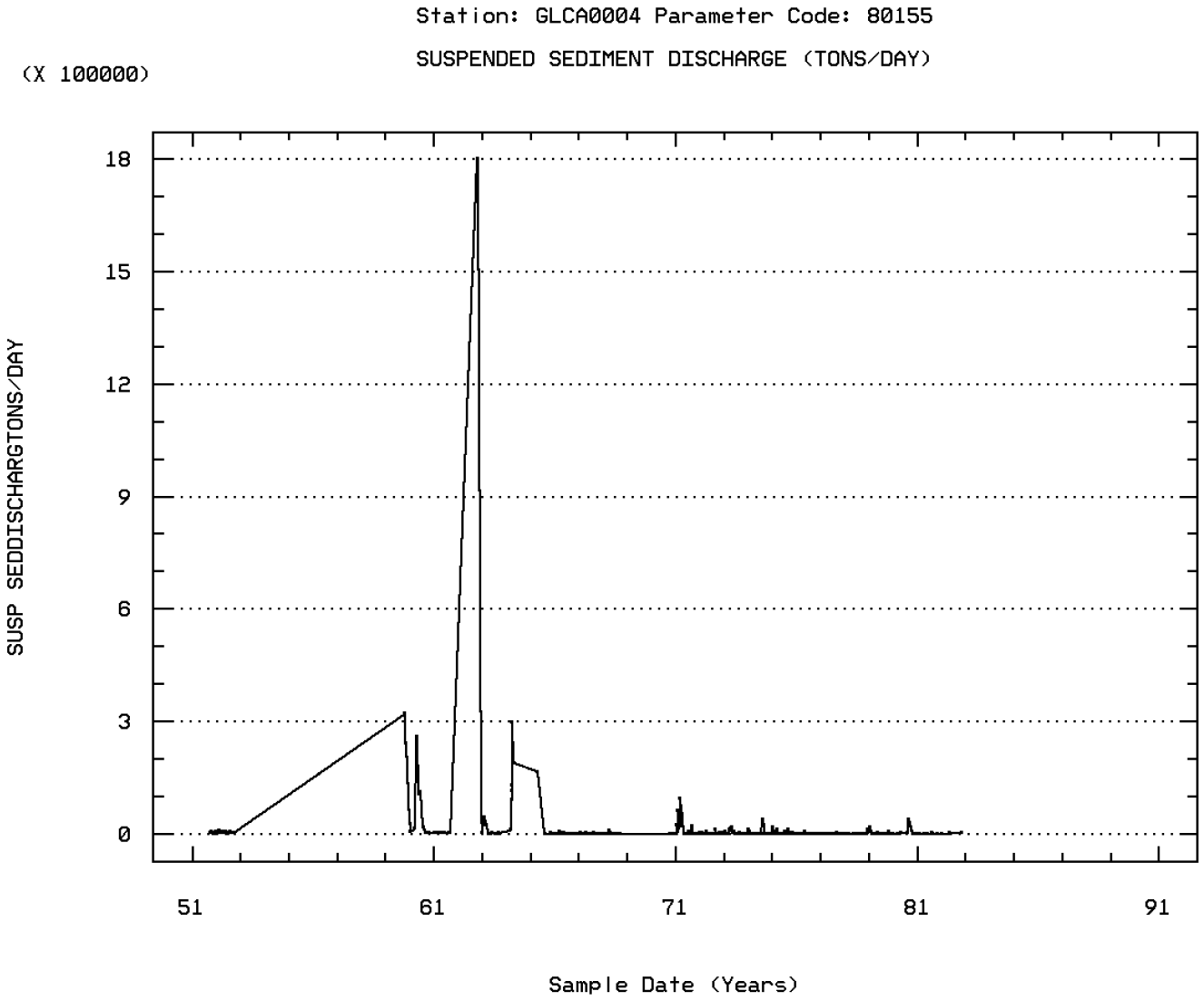
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Annual Analysis for 1926 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	7	15100.	24077.143	77500.	6170.	651407023.81	25522.677	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	7	154.	141.286	176.	103.	1119.905	33.465	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	7	276.	312.857	470.	156.	16589.143	128.799	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	7	122.	171.429	294.	42.	9851.619	99.255	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	7	66.	78.286	109.	46.	700.238	26.462	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	7	27.	28.571	48.	10.	238.286	15.437	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	5	109.	103.8	161.	50.	2733.7	52.285	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	5	2.9	2.44	3.2	1.5	0.748	0.865	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	7	42.	37.857	45.	26.	48.476	6.962	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	5	7.4	5.68	8.5	2.1	10.852	3.294	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	7	57.	63.571	114.	12.	1777.286	42.158	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	7	273.	286.	461.	76.	22714.	150.712	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	17.	19.833	34.	12.	71.367	8.448	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	7	645.	666.571	1040.	238.	101693.952	318.895	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	7	26300.	27885.714	53800.	16000.	178578095.238	13363.312	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	7	0.88	0.906	1.41	0.32	0.188	0.434	**	**	**	**

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

Annual Analysis for 1927 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	1	7710.	7710.	7710.	7710.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	1	396.	396.	396.	396.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	1	398.	398.	398.	398.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	1	895.	895.	895.	895.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	1	18600.	18600.	18600.	18600.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	1	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**

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

Annual Analysis for 1944 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	1	63200.	63200.	63200.	63200.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	1	607.	607.	607.	607.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	1	181.	181.	181.	181.	0.	0.	**	**	**	**

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

Annual Analysis for 1947 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	1	6933.	6933.	6933.	6933.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	1	1140.	1140.	1140.	1140.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	1	463.	463.	463.	463.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	321.	321.	321.	321.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	1	791.	791.	791.	791.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	1	14800.	14800.	14800.	14800.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**

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

Annual Analysis for 1951 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	22	9370.	9263.182	13100.	4560.	7618937.013	2760.242	5888.	6750.	12325.	12900.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	21	88.	79.667	97.	45.	310.433	17.619	46.	68.	95.	95.8
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	21	8260.	10955.857	27200.	953.	101363064.429	10067.923	1672.	2410.	19650.	27200.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	22	2930.	2910.	5150.	1250.	887590.476	942.12	1617.	2035.	3375.	4221.

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

Annual Analysis for 1952 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	77	16800.	39790.519	115000.	4320.	1330418718.148	36474.905	7852.	10000.	71350.	100240.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	77	69.	67.325	97.	28.	351.485	18.748	41.8	51.	85.	91.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	72	4055.	5542.639	27500.	766.	19954447.192	4467.04	1659.	2700.	7247.5	10510.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	74	3810.	3755.405	8320.	1330.	1630912.847	1277.072	2165.	2857.5	4475.	5475.

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

Annual Analysis for 1955 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	1	8060.	8060.	8060.	8060.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	1	1630.	1630.	1630.	1630.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	1	643.	643.	643.	643.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	446.	446.	446.	446.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	1	621.	621.	621.	621.	0.	0.	**	**	**	**

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

Annual Analysis for 1955 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	1	1220.	1220.	1220.	1220.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	1	26550.	26550.	26550.	26550.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	1	1.66	1.66	1.66	1.66	0.	0.	**	**	**	**

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

Annual Analysis for 1957 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	2	13085.	13085.	19300.	6870.	77252450.	8789.337	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	2	1640.	1640.	1700.	1580.	7200.	84.853	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	2	8.2	8.2	8.7	7.7	0.5	0.707	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	2	7.96	7.96	8.7	7.7	0.616	0.785	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	2	0.011	0.011	0.02	0.002	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	2	170.	170.	181.	159.	242.	15.556	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	2	511.	511.	518.	504.	98.	9.899	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	2	342.	342.	360.	324.	648.	25.456	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	2	125.	125.	127.	123.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	2	48.5	48.5	49.	48.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	2	3.	3.	3.5	2.5	0.5	0.707	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	2	39.5	39.5	43.	36.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	2	162.5	162.5	187.	138.	1200.5	34.648	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	2	432.5	432.5	437.	428.	40.5	6.364	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	2	1052.5	1052.5	1110.	995.	6612.5	81.317	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	1	1110.	1110.	1110.	1110.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	2	36220.	36220.	51850.	20590.	488593800.	22104.158	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	2	1.43	1.43	1.51	1.35	0.013	0.113	**	**	**	**

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

Annual Analysis for 1958 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	1	587.	587.	587.	587.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	1	413.	413.	413.	413.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	1	16730.	16730.	16730.	16730.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**

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

Annual Analysis for 1959 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	3	8.9	8.533	13.9	2.8	30.903	5.559	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	3	11700.	10123.333	12100.	6570.	9509633.333	3083.769	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	3	11700.	10123.333	12100.	6570.	9509633.333	3083.769	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	3	96.	96.333	97.	96.	0.333	0.577	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	3	7660.	6330.	9780.	1550.	18259900.	4273.16	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	3	242000.	196500.	320000.	27500.	22941750000.	151465.343	**	**	**	**

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

Annual Analysis for 1960 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	8	15.3	14.388	27.2	0.	111.741	10.571	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	9	7010.	15655.556	41100.	2460.	251335302.778	15853.558	2460.	3980.	34050.	41100.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	9	5440.	15221.111	41100.	2460.	261433211.111	16168.896	2460.	3240.	34050.	41100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	2	1915.	1915.	2430.	1400.	530450.	728.32	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	2	722.5	722.5	960.	485.	112812.5	335.876	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	2	536.	536.	766.	306.	105800.	325.269	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	2	215.	215.	296.	134.	13122.	114.551	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	2	45.5	45.5	54.	37.	144.5	12.021	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	2	181.	181.	236.	126.	6050.	77.782	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	2	2.9	2.9	3.3	2.5	0.32	0.566	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	2	1446.	1446.	1920.	972.	449352.	670.337	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	2	24365.1	24365.1	36340.1	12390.1	286801250.	16935.207	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	2	1.965	1.965	2.61	1.32	0.832	0.912	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	9	99.	88.333	100.	66.	242.5	15.572	66.	68.5	99.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	9	1010.	1457.333	4590.	580.	1777556.	1333.25	580.	632.	1935.	4590.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	8	16750.	65513.75	260000.	3230.	8237999255.357	90763.425	**	**	**	**

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

Annual Analysis for 1961 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	3	18700.	18200.	24300.	11600.	40510000.	6364.747	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	12	20600.	20747.5	34400.	3850.	126867784.091	11263.56	4888.	9357.5	32425.	34400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	3	1430.	1630.	2110.	1350.	174400.	417.612	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	3	7.9	7.633	7.9	7.1	0.213	0.462	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	3	7.9	7.458	7.9	7.1	0.26	0.51	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	3	0.013	0.035	0.079	0.013	0.001	0.039	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	3	585.	675.333	915.	526.	43950.333	209.643	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	3	346.	442.333	690.	291.	46760.333	216.241	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	3	184.	214.333	298.	161.	5382.333	73.364	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	3	31.	34.333	42.	30.	44.333	6.658	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	3	105.	117.	150.	96.	837.	28.931	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	3	2.	1.967	2.2	1.7	0.063	0.252	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	3	1080.	1255.333	1720.	966.	165185.333	406.43	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	3	54530.1	65863.733	112801.	30260.1	1799588476.603	42421.557	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	3	1.47	1.707	2.34	1.31	0.307	0.554	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	12	64.5	67.75	100.	44.	278.75	16.696	47.	56.	75.75	98.2
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	12	2345.	5585.417	25500.	443.	66349016.447	8145.491	586.7	1455.	3677.5	23820.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	12	3305.	3323.333	4120.	2230.	350224.242	591.797	2353.	2990.	3942.5	4102.

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

Annual Analysis for 1962 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	2	9.7	9.7	14.4	5.	44.18	6.647	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	7	9270.	9564.286	17200.	5200.	15417861.905	3926.559	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	5	2320.	2178.	2400.	1810.	75420.	274.627	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	5	7.4	7.5	7.8	7.2	0.06	0.245	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	5	7.4	7.447	7.8	7.2	0.063	0.252	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	5	0.04	0.036	0.063	0.016	0.	0.019	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	5	905.	827.	910.	670.	13020.	114.105	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	5	692.	612.8	714.	430.	17483.2	132.224	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	5	260.	237.4	265.	194.	1132.8	33.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	5	59.	57.2	64.	45.	63.7	7.981	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	5	212.	202.8	230.	166.	909.2	30.153	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	5	3.1	3.06	3.3	2.8	0.063	0.251	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	5	1750.	1668.	1940.	1260.	92170.	303.595	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	5	36880.1	39424.1	51500.1	31540.1	55433480.	7445.366	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	5	2.38	2.268	2.64	1.71	0.172	0.415	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	2	20365.	20365.	38700.	2030.	672344450.	25929.606	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	2	914250.	914250.	1800000.	28500.	**********	1252639.663	**	**	**	**

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

Annual Analysis for 1963 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	11	14.4	13.218	20.	0.6	48.898	6.993	0.92	7.2	19.4	20.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	11	1020.	2099.091	5970.	1000.	3354529.091	1831.537	1002.	1010.	2500.	5832.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	2	73.	73.	81.	65.	128.	11.314	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	7	651.	932.429	3050.	36.	1099432.952	1048.538	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	7	3990.	11033.286	43500.	98.	271554445.571	16478.909	**	**	**	**

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

Annual Analysis for 1964 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	8.05	7.95	8.3	7.2	0.195	0.442	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	6	10890.	11886.667	20100.	4030.	41915266.667	6474.2	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	6	4310.	4046.667	5930.	1080.	3125666.667	1767.956	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	6	123000.	139933.333	299000.	11800.	9430010666.667	97108.242	**	**	**	**

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Annual Analysis for 1965 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	9	17.2	16.789	20.6	9.4	11.986	3.462	9.4	15.3	20.	20.6
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	10	12450.	17539.	56600.	6000.	246380543.333	15696.514	6149.	9372.5	18450.	54300.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	1	614.	614.	614.	614.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	1	208.	208.	208.	208.	0.	0.	**	**	**	**

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Annual Analysis for 1965 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	1	154.	154.	154.	154.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	1	368.	368.	368.	368.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	1	56240.	56240.	56240.	56240.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	1	74.	74.	74.	74.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	8	10.5	241.375	1810.	4.	402125.696	634.134	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	8	248.	20922.125	164000.	65.	3342553924.696	57814.824	**	**	**	**

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Annual Analysis for 1966 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	33	14.4	14.412	20.6	8.9	11.781	3.432	10.6	11.1	17.8	19.2
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	35	12100.	11302.	18200.	2860.	16330310.588	4041.078	5112.	8380.	14400.	16100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	35	7.	19.743	190.	1.	1938.726	44.031	1.	3.	12.	44.6
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	35	174.	612.629	6210.	33.	1693611.711	1301.388	35.2	62.	350.	1770.

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Annual Analysis for 1967 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	46	11.1	12.687	21.1	5.6	29.395	5.422	6.7	7.65	18.9	20.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	47	11400.	10934.468	18200.	1630.	18262773.08	4273.497	4092.	8700.	14400.	16460.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	46	7.	18.304	177.	1.	998.128	31.593	1.7	3.	13.	56.8
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	46	194.	577.804	3870.	23.	847922.383	920.827	29.1	57.	522.	2145.

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Annual Analysis for 1968 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	28	13.	13.393	23.	7.	29.21	5.405	7.	8.	19.	21.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	28	14450.	13942.5	23600.	2790.	28744597.222	5361.399	6239.	9675.	18175.	21600.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	28	6.	17.5	145.	1.	979.444	31.296	2.	3.	20.	44.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	28	156.5	879.929	8420.	19.	3473365.847	1863.697	43.1	71.25	786.75	2430.

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Annual Analysis for 1969 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	4	16.5	16.55	18.	15.2	1.477	1.215	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	6	18000.	15631.667	18700.	8490.	18791216.667	4334.884	**	**	**	**

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Annual Analysis for 1969 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	3	18600.	18300.	18700.	17600.	370000.	608.276	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	8	835.	843.25	923.	795.	1448.5	38.059	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	2	7.65	7.65	8.	7.3	0.245	0.495	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	9	7.8	7.767	8.2	6.5	0.255	0.505	6.5	7.75	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	9	7.8	7.333	8.2	6.5	0.467	0.683	6.5	7.75	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	9	0.016	0.047	0.316	0.006	0.01	0.101	0.006	0.008	0.018	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	6	130.5	131.5	139.	126.	22.7	4.764	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	6	276.5	278.833	300.	268.	137.767	11.737	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	6	146.5	147.5	161.	138.	58.7	7.662	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	69.	69.667	76.	66.	13.067	3.615	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	25.5	25.833	27.	25.	0.967	0.983	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	71.5	72.333	78.	67.	17.067	4.131	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	6	1.9	1.883	2.	1.8	0.006	0.075	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	6	36.	35.667	36.	35.	0.267	0.516	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.65	3.717	4.2	3.4	0.074	0.271	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	48.5	49.	54.	45.	8.8	2.966	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	227.	227.667	244.	215.	142.667	11.944	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	556.5	558.667	603.	525.	780.267	27.933	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	2	556.5	556.5	566.	547.	180.5	13.435	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	6	26350.	23383.383	28000.	13200.1	34037244.67	5834.145	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	6	0.755	0.758	0.82	0.71	0.001	0.039	**	**	**	**

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Annual Analysis for 1970 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	4	11.9	11.775	15.3	8.	11.843	3.441	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	27	10000.	11082.222	20200.	3210.	19452502.564	4410.499	6282.	7860.	14000.	18660.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	7	14400.	13585.714	20200.	3210.	43960461.905	6630.269	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	22	940.	947.727	1080.	780.	6731.827	82.048	848.4	898.75	1000.	1080.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	2	7.5	7.5	7.9	7.1	0.32	0.566	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	22	8.	7.777	8.1	6.2	0.329	0.574	6.5	7.9	8.1	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	22	8.	7.177	8.1	6.2	0.707	0.841	6.5	7.9	8.1	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	22	0.01	0.067	0.631	0.008	0.024	0.155	0.008	0.008	0.013	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	19	134.	136.789	149.	124.	71.509	8.456	126.	130.	143.	149.
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	19	312.	312.737	350.	270.	656.982	25.632	280.	294.	326.	350.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	20	175.	175.35	201.	140.	307.713	17.542	154.	164.	186.	201.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	19	78.	77.947	90.	68.	43.497	6.595	70.	72.	81.	90.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	19	29.	28.684	33.	23.	6.895	2.626	25.	28.	30.	33.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	19	82.	85.	98.	75.	67.778	8.233	75.	78.	90.	98.
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	19	2.1	2.095	2.3	1.9	0.018	0.135	1.9	2.	2.2	2.3
00932	SODIUM, PERCENT	01/11/26-03/02/83	19	36.	36.632	38.	36.	0.579	0.761	36.	36.	37.	38.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	19	3.9	3.868	4.5	3.4	0.11	0.332	3.4	3.7	4.	4.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	19	56.	61.	75.	50.	80.	8.944	51.	55.	68.	75.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	19	258.	263.895	298.	230.	470.877	21.7	240.	252.	282.	298.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	18	627.	634.5	698.	562.	2067.324	45.468	568.3	595.	673.75	698.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	1	550.	550.	550.	550.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	19	24200.	22332.637	35500.	5610.	92590684.55	9622.405	5610.	11700.	28300.	35500.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	19	0.85	0.856	0.95	0.75	0.004	0.066	0.76	0.81	0.91	0.95
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	14	22.5	24.571	47.	5.	164.264	12.817	8.5	13.75	35.5	44.5

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Annual Analysis for 1970 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	14	575.	591.214	1240.	135.	104964.643	323.982	218.	330.	751.25	1220.

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

Annual Analysis for 1971 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	12	10.	9.967	13.	7.6	3.584	1.893	7.72	8.05	11.825	12.7
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	54	14150.	13392.222	25000.	3900.	17308613.836	4160.362	7355.	10750.	16450.	17600.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	12	829.	857.5	1020.	760.	6608.636	81.294	765.7	800.	915.5	1005.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	8	8.2	8.112	9.	6.5	0.687	0.829	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	12	6.5	6.875	8.	6.	0.628	0.792	6.	6.125	7.8	7.97
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	12	6.5	6.434	8.	6.	0.84	0.916	6.	6.125	7.8	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	12	0.316	0.368	1.	0.01	0.162	0.403	0.011	0.016	0.829	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	4	127.	126.75	133.	120.	28.917	5.377	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	4	0.75	0.675	1.1	0.1	0.176	0.419	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	4	270.	272.5	300.	250.	491.667	22.174	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	4	138.5	144.25	170.	130.	358.917	18.945	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	4	68.	68.5	77.	61.	43.	6.557	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	4	24.	24.25	27.	22.	4.917	2.217	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	4	69.	71.75	85.	64.	86.25	9.287	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	4	1.85	1.9	2.2	1.7	0.06	0.245	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	4	36.5	36.	39.	32.	10.	3.162	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	4	3.75	4.375	6.7	3.3	2.489	1.578	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	4	51.	51.	58.	44.	56.667	7.528	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	4	220.	222.5	230.	220.	25.	5.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	4	0.4	0.4	0.6	0.2	0.033	0.183	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	4	9.	8.975	9.1	8.8	0.016	0.126	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	4	95.	180.	450.	80.	32466.667	180.185	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	4	526.5	531.	562.	509.	676.667	26.013	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	4	19450.	18330.	24800.	9620.	40359600.	6352.921	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	4	0.715	0.72	0.76	0.69	0.001	0.036	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	42	13.5	322.619	3640.	3.	649151.9	805.7	5.	8.	117.	1464.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	42	506.	8345.357	93400.	91.	417121387.991	20423.55	185.5	256.75	5175.	23400.

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Annual Analysis for 1972 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	14	10.	9.986	12.	7.	1.841	1.357	7.9	9.	11.	12.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	50	14650.	14217.8	25000.	3350.	30998915.469	5567.667	6463.	9755.	17925.	21860.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	4	11425.	11835.	22000.	2490.	65317900.	8081.949	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	14	853.	862.	968.	750.	4089.692	63.951	755.	824.5	917.	958.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	5	7.	7.58	9.6	6.	3.092	1.758	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	13	7.7	7.562	7.9	6.5	0.171	0.413	6.7	7.4	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	13	7.7	7.296	7.9	6.5	0.247	0.497	6.7	7.4	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	13	0.02	0.051	0.316	0.013	0.007	0.084	0.013	0.016	0.044	0.23
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	8	131.	131.25	139.	124.	39.929	6.319	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	8	0.65	0.675	0.9	0.4	0.025	0.158	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	8	285.	286.25	310.	260.	369.643	19.226	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	8	150.	155.	180.	140.	200.	14.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	8	71.5	73.	80.	67.	24.571	4.957	**	**	**	**

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Annual Analysis for 1972 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	8	24.5	25.	28.	23.	3.429	1.852	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	8	76.	77.	92.	67.	60.286	7.764	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	8	2.	2.	2.3	1.8	0.023	0.151	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	8	36.5	36.5	38.	35.	0.857	0.926	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	8	3.65	3.688	4.1	3.2	0.081	0.285	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	8	52.	51.625	61.	42.	44.268	6.653	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	8	240.	245.	270.	220.	285.714	16.903	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	8	0.4	0.463	1.4	0.1	0.154	0.393	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	8	9.05	9.138	10.	8.5	0.326	0.571	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	8	90.	85.	120.	0.	1285.714	35.857	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	3	528.	538.667	564.	524.	485.333	22.03	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	8	558.5	566.75	633.	510.	1705.643	41.299	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	8	32500.	27316.25	40500.	7330.	149618398.214	12231.86	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	8	0.775	0.776	0.86	0.71	0.003	0.052	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	40	12.5	29.3	232.	1.	2088.985	45.705	4.	5.25	33.5	99.7
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	40	403.5	1166.15	10600.	31.	4205670.079	2050.773	102.7	176.	1272.5	3444.

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Annual Analysis for 1973 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	12	8.	8.458	10.5	7.	1.43	1.196	7.15	7.5	9.5	10.35
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	30	9840.	13105.333	29300.	2910.	61290977.471	7828.855	5747.	7530.	18350.	27650.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	12	8780.	11412.5	30000.	2450.	68394002.273	8270.067	2975.	5282.5	16300.	27570.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	12	883.	882.75	1000.	800.	2628.568	51.27	810.2	841.	910.75	976.6
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	12	7.95	7.883	8.4	7.3	0.129	0.359	7.3	7.6	8.175	8.34
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	12	7.947	7.74	8.4	7.3	0.151	0.389	7.3	7.6	8.175	8.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	12	0.011	0.018	0.05	0.004	0.	0.016	0.005	0.007	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	10	133.	131.4	138.	122.	24.489	4.949	122.4	126.75	134.5	137.8
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	10	0.	1.5	15.	0.	22.5	4.743	0.	0.	0.	13.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	10	0.5	0.53	0.6	0.5	0.002	0.048	0.5	0.5	0.6	0.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	10	290.	285.	310.	250.	272.222	16.499	252.	277.5	292.5	309.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	10	155.	153.	170.	130.	134.444	11.595	131.	147.5	160.	169.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	10	75.	73.	79.	63.	21.333	4.619	63.6	70.5	75.5	78.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	10	25.	24.8	27.	23.	1.067	1.033	23.1	24.	25.	26.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	10	74.5	75.	82.	70.	12.444	3.528	70.2	72.	78.	81.6
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	10	1.95	1.94	2.	1.8	0.005	0.07	1.81	1.9	2.	2.
00932	SODIUM, PERCENT	01/11/26-03/02/83	10	36.	36.1	37.	35.	0.544	0.738	35.	35.75	37.	37.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	10	3.9	4.03	5.4	3.5	0.309	0.556	3.51	3.675	4.125	5.31
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	10	47.	47.	53.	42.	11.111	3.333	42.1	44.5	50.	52.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	10	240.	241.	260.	230.	121.111	11.005	230.	230.	250.	259.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	10	0.3	0.285	0.5	0.05	0.014	0.12	0.065	0.2	0.325	0.49
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	10	7.9	8.01	9.	7.4	0.277	0.526	7.41	7.575	8.275	8.98
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	10	90.	98.	170.	60.	884.444	29.74	62.	80.	105.	165.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	10	591.	598.1	680.	536.	1997.656	44.695	537.2	564.5	626.25	677.1
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	10	553.5	555.7	602.	523.	511.567	22.618	523.6	538.	567.75	598.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	10	13950.	16662.	31700.	7010.	78466906.667	8858.155	7096.	8147.5	25825.	31120.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	10	0.8	0.814	0.92	0.73	0.004	0.059	0.732	0.773	0.853	0.917
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	30	44.	73.567	244.	1.	5702.323	75.514	6.2	11.	140.5	195.3
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	30	823.	3530.899	18200.	26.	26545344.296	5152.217	161.2	247.25	5754.99	12930.

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Annual Analysis for 1974 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	17	8.	8.235	9.	7.	0.441	0.664	7.4	7.75	9.	9.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	28	11300.	12025.714	25000.	1610.	43349803.175	6584.057	2551.	6820.	18575.	20250.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	17	12900.	14381.765	26800.	1680.	53401202.941	7307.613	5168.	8700.	21500.	25360.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	15	860.	869.067	985.	772.	4347.781	65.938	781.6	800.	920.	971.2
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	3	8.	8.	8.	8.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	15	7.9	7.847	8.2	7.2	0.08	0.283	7.32	7.6	8.	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	15	7.9	7.746	8.2	7.2	0.091	0.301	7.32	7.6	8.	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	15	0.013	0.018	0.063	0.006	0.	0.015	0.006	0.01	0.025	0.049
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	15	135.	133.533	144.	121.	47.981	6.927	121.6	129.	138.	144.
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	9	0.31	0.308	0.52	0.18	0.01	0.099	0.18	0.23	0.35	0.52
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	9	0.55	0.552	0.77	0.38	0.011	0.106	0.38	0.505	0.595	0.77
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	15	0.5	0.533	0.7	0.3	0.011	0.105	0.36	0.5	0.6	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	9	0.01	0.015	0.03	0.005	0.	0.009	0.005	0.01	0.025	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	15	280.	279.333	310.	250.	420.952	20.517	250.	260.	290.	310.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	15	150.	146.667	170.	120.	209.524	14.475	126.	130.	160.	164.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	15	71.	70.867	78.	64.	20.838	4.565	64.	67.	75.	77.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	15	26.	25.133	28.	22.	4.267	2.066	22.	23.	26.	28.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	15	74.	73.133	85.	63.	49.552	7.039	64.2	66.	78.	85.
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	15	1.9	1.907	2.1	1.7	0.016	0.128	1.7	1.8	2.	2.1
00932	SODIUM, PERCENT	01/11/26-03/02/83	15	36.	35.8	37.	34.	1.029	1.014	34.	35.	37.	37.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	15	3.7	3.76	4.2	3.5	0.053	0.229	3.5	3.6	3.9	4.14
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	15	50.	48.6	58.	39.	38.971	6.243	39.6	44.	54.	58.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	15	220.	228.	280.	200.	688.571	26.241	200.	200.	250.	274.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	15	0.3	0.273	0.4	0.1	0.006	0.08	0.16	0.2	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	15	8.2	8.42	11.	7.2	0.712	0.844	7.62	8.	8.6	9.92
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	15	90.	128.	670.	10.	23117.143	152.043	46.	90.	110.	340.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	15	573.	566.267	648.	493.	2396.352	48.953	493.6	516.	599.	640.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	15	537.	540.867	633.	484.	2431.41	49.309	487.	492.	575.	625.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	15	24000.	22534.667	36800.	2240.	117430183.81	10836.521	6302.	13300.	33100.	35600.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	16	0.775	0.763	0.88	0.67	0.005	0.069	0.67	0.692	0.81	0.866
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	25	10.	78.2	706.	2.	35236.417	187.714	3.	4.5	32.5	408.2
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	25	350.	3574.52	39500.	17.	80754171.564	8986.332	26.4	108.	1080.	16280.

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

Annual Analysis for 1975 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	9.5	9.25	10.	8.	0.675	0.822	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	35	14600.	13710.571	21500.	2680.	30378452.605	5511.665	4490.	9600.	19000.	20480.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	14	10950.	11894.286	23600.	2730.	48442857.143	6960.09	3580.	6725.	16600.	23250.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	5	780.	805.	890.	750.	3425.	58.523	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.	8.117	8.4	8.	0.034	0.183	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.	8.088	8.4	8.	0.035	0.186	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.01	0.008	0.01	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	5	131.	131.8	139.	126.	22.7	4.764	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	4	0.245	0.24	0.28	0.19	0.002	0.039	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	4	0.485	0.49	0.58	0.41	0.005	0.07	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	4	0.5	0.475	0.5	0.4	0.002	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	5	280.	270.	280.	250.	200.	14.142	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	5	140.	138.	150.	130.	70.	8.367	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	5	69.	67.8	71.	64.	7.7	2.775	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	5	25.	24.6	27.	23.	2.8	1.673	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	5	73.	73.	78.	69.	11.5	3.391	**	**	**	**

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Annual Analysis for 1975 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	5	1.9	1.92	2.	1.9	0.002	0.045	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	5	37.	36.8	37.	36.	0.2	0.447	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	4	3.85	3.825	4.1	3.5	0.076	0.275	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	5	47.	47.6	54.	44.	17.3	4.159	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	5	220.	220.	240.	210.	150.	12.247	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	5	0.3	0.3	0.4	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	5	7.6	7.28	8.1	5.9	0.857	0.926	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	4	80.	77.5	90.	60.	158.333	12.583	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	5	559.	552.8	587.	518.	693.2	26.329	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	5	526.	525.8	566.	500.	688.2	26.234	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	5	15800.	16850.	34800.	3960.	157626300.	12554.931	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	5	0.76	0.752	0.8	0.7	0.001	0.038	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	4	100.	100.	100.	100.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	44	24.5	81.591	303.	2.	9108.247	95.437	7.	16.	148.75	251.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	40	1170.	3212.899	17600.	38.	18825685.876	4338.858	198.8	498.5	5017.493	10872.999

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

Annual Analysis for 1976 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	12	9.75	9.583	12.	8.	1.402	1.184	8.	8.625	10.	11.7
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	3	16800.	16433.333	16900.	15600.	523333.333	723.418	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	29	12200.	12452.759	23200.	2730.	18604013.547	4313.237	7300.	10050.	14800.	17300.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	8	830.	856.875	950.	790.	3906.696	62.504	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	7	7.9	7.921	8.2	7.8	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	7	7.9	7.904	8.2	7.8	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	7	0.013	0.012	0.016	0.006	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	5	130.	129.4	139.	122.	42.3	6.504	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	4	0.38	0.355	0.42	0.24	0.007	0.083	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	5	0.52	0.57	0.75	0.39	0.021	0.144	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	5	0.5	0.54	0.7	0.4	0.013	0.114	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	5	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	5	280.	276.	300.	250.	330.	18.166	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	5	150.	146.	160.	120.	280.	16.733	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	5	74.	70.4	74.	63.	26.3	5.128	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	5	24.	24.2	27.	22.	3.2	1.789	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	5	74.	75.6	89.	69.	60.3	7.765	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	5	1.9	2.	2.3	1.9	0.03	0.173	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	5	37.	36.8	39.	35.	2.2	1.483	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	5	3.8	3.78	4.1	3.6	0.042	0.205	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	5	53.	51.6	58.	45.	26.3	5.128	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	5	220.	222.	240.	200.	220.	14.832	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	5	7.4	7.32	7.8	6.9	0.137	0.37	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	5	90.	94.	110.	80.	130.	11.402	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	5	554.	552.4	600.	512.	1146.8	33.864	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	5	537.	535.4	586.	490.	1222.3	34.961	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	5	16300.	20636.	37600.	3780.	190861480.	13815.263	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	5	0.75	0.752	0.82	0.7	0.002	0.047	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	11	73.	71.727	100.	23.	722.018	26.87	26.8	47.	100.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	36	10.	15.111	128.	1.	455.416	21.34	2.7	5.	18.	30.6
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	26	349.	670.654	5460.	23.	1108049.995	1052.64	133.	181.5	759.25	1367.

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Annual Analysis for 1977 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	15	10.	10.1	15.	8.	3.436	1.854	8.	9.	11.	13.2
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	18	10045.	10967.222	22100.	2060.	38544044.771	6208.385	3221.	5617.5	16325.	19760.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	7	14900.	12860.	22500.	2580.	49826800.	7058.81	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	7	905.	900.	945.	820.	2158.333	46.458	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	7	8.	7.929	8.3	7.5	0.059	0.243	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	7	8.	7.867	8.3	7.5	0.063	0.252	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	7	0.01	0.014	0.032	0.005	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	7	140.	137.143	140.	130.	20.81	4.562	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	2	0.04	0.04	0.07	0.01	0.002	0.042	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6	0.405	0.545	1.	0.25	0.114	0.338	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	7	0.58	0.594	0.76	0.46	0.009	0.092	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	5	0.6	0.56	0.6	0.5	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	7 ##	0.005	0.013	0.04	0.005	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	7	300.	298.571	310.	280.	114.286	10.69	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	7	160.	158.571	170.	140.	114.286	10.69	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	7	74.	75.	81.	69.	15.667	3.958	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	7	27.	26.857	29.	25.	2.143	1.464	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	7	81.	79.571	89.	71.	46.952	6.852	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	7	2.	2.014	2.2	1.9	0.015	0.121	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	7	37.	36.429	39.	34.	2.619	1.618	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	7	3.8	3.8	4.	3.6	0.03	0.173	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	7	62.	58.286	65.	47.	42.238	6.499	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	7	250.	242.857	260.	210.	323.81	17.995	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	7	0.3	0.271	0.4	0.1	0.009	0.095	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	7	8.	7.729	8.3	6.6	0.372	0.61	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	2	90.	90.	90.	90.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	0.5	1.417	6.	0.5	5.042	2.245	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	-0.301	-0.121	0.778	-0.301	0.194	0.441	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.757								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	7	613.	601.429	635.	541.	1200.619	34.65	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	7	592.	578.429	614.	526.	979.286	31.294	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	7	17100.	19635.714	34300.	5550.	108050595.238	10394.739	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	7	0.83	0.817	0.86	0.74	0.002	0.046	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	8	39.5	42.75	73.	23.	309.929	17.605	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	18	10.	12.444	46.	2.	128.967	11.356	2.	4.75	16.75	31.6
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	17	167.	439.353	1790.	20.	258401.993	508.333	26.4	62.	868.5	1158.

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

Annual Analysis for 1978 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	10	9.75	10.2	12.5	8.	2.178	1.476	8.1	9.	11.625	12.45
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	13	11900.	12229.231	19700.	7060.	10810491.026	3287.931	7216.	10385.	13650.	18020.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	12	16900.	16687.5	24000.	7950.	34918238.636	5909.166	8295.	11450.	22700.	23820.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	4	0.35	6.725	26.	0.2	165.129	12.85	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	9	930.	929.444	1000.	860.	2627.778	51.262	860.	875.	980.	1000.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	9	7.6	7.367	8.1	6.3	0.46	0.678	6.3	6.75	8.05	8.1
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	8	7.95	7.95	8.3	7.7	0.049	0.22	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	8	7.947	7.905	8.3	7.7	0.051	0.226	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	8	0.011	0.012	0.02	0.005	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	8	130.	130.	140.	120.	85.714	9.258	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	8	0.01	0.012	0.04	0.005	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	7	0.32	0.304	0.45	0.1	0.012	0.108	**	**	**	**

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Annual Analysis for 1978 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	8	0.5	0.49	0.59	0.32	0.009	0.095	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	8	0.01	0.018	0.07	0.005	0.	0.022	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	8	300.	306.25	350.	270.	826.786	28.754	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	8	175.	175.	210.	150.	485.714	22.039	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	8	76.	76.5	90.	65.	82.286	9.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	8	27.	27.5	30.	25.	2.857	1.69	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	8	82.	81.375	90.	73.	30.554	5.528	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	8	2.	2.038	2.1	2.	0.003	0.052	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	8	36.5	36.5	38.	35.	0.857	0.926	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	8	4.1	4.1	4.3	3.8	0.04	0.2	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	8	57.	58.625	69.	51.	38.554	6.209	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	8	260.	260.	280.	230.	314.286	17.728	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	8	0.3	0.313	0.5	0.2	0.007	0.083	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	8	7.85	7.688	8.2	7.1	0.141	0.376	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	3	100.	103.333	110.	100.	33.333	5.774	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	8	1.	0.938	2.	0.5	0.246	0.496	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	8	0.	-0.075	0.301	-0.301	0.045	0.213	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.841								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	8	617.5	615.25	665.	573.	1427.643	37.784	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	8	597.5	594.5	655.	528.	1663.714	40.789	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	8	20900.	23525.	35600.	13400.	51373571.429	7167.536	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	8	0.84	0.835	0.9	0.78	0.003	0.05	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	10	48.5	50.	79.	3.	640.	25.298	5.	32.	75.75	78.9
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	17	13.	24.	176.	1.	1737.25	41.68	1.8	6.	18.	86.4
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	17	448.	1251.353	10900.	32.	7025900.868	2650.642	45.6	211.	746.	5412.

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Annual Analysis for 1979 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	16	8.75	8.625	10.	6.	1.25	1.118	6.7	8.	9.5	10.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	20	11950.	13496.	26400.	2960.	62888941.053	7930.255	4201.	6212.5	20525.	25440.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	12	0.6	0.808	2.6	0.3	0.423	0.65	0.3	0.4	1.1	2.21
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	10	909.	911.8	1050.	810.	6003.289	77.481	811.	842.5	969.25	1044.7
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	10	9.2	9.15	12.5	6.1	3.674	1.917	6.15	8.175	10.	12.4
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	10	7.9	7.98	8.8	7.4	0.186	0.432	7.42	7.675	8.225	8.78
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	10	7.9	7.83	8.8	7.4	0.211	0.46	7.42	7.675	8.225	8.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	10	0.013	0.015	0.04	0.002	0.	0.011	0.002	0.007	0.021	0.038
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	12	130.	125.833	130.	110.	44.697	6.686	113.	120.	130.	130.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	12	0.01	0.015	0.03	0.005	0.	0.007	0.007	0.01	0.02	0.027
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	12	0.325	0.407	1.2	0.19	0.076	0.275	0.193	0.235	0.495	0.996
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	12	0.55	0.549	0.7	0.33	0.011	0.103	0.369	0.488	0.638	0.694
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	4	0.6	0.6	0.7	0.5	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	12	0.01	0.014	0.03	0.	0.	0.009	0.003	0.01	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	12	280.	286.667	330.	260.	406.061	20.151	263.	272.5	290.	327.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	12	160.	160.833	200.	140.	335.606	18.32	140.	150.	167.5	197.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	12	71.	72.	86.	65.	33.273	5.768	65.3	69.25	72.75	84.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	12	25.5	25.917	28.	24.	3.174	1.782	24.	24.	28.	28.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	12	79.5	81.333	91.	74.	43.333	6.583	74.	74.25	88.75	90.4
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	12	2.1	2.1	2.3	1.9	0.013	0.113	1.93	2.	2.2	2.27
00932	SODIUM, PERCENT	01/11/26-03/02/83	12	38.5	41.417	49.	35.	30.811	5.551	35.6	37.25	48.75	49.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	12	4.	4.033	4.4	3.6	0.061	0.246	3.63	3.9	4.2	4.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	12	51.5	53.833	66.	41.	62.515	7.907	42.5	50.	62.75	65.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	12	260.	256.667	280.	230.	224.242	14.975	233.	242.5	270.	277.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	12	0.3	0.292	0.4	0.2	0.003	0.051	0.2	0.3	0.3	0.37
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	12	7.55	7.508	8.5	6.7	0.292	0.54	6.7	7.125	7.875	8.35

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Annual Analysis for 1979 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	3	100.	106.667	130.	90.	433.333	20.817	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	12 ##	0.75	6.333	36.	0.5	167.924	12.959	0.5	0.5	1.75	34.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	12 ##	-0.151	0.13	1.556	-0.301	0.465	0.682	-0.301	-0.301	0.226	1.541
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.348								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	12	596.	608.417	704.	551.	2364.447	48.626	553.1	563.75	649.25	692.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	12	569.5	578.25	637.	539.	974.205	31.212	539.6	558.	606.	633.1
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	12	15250.	19776.667	42400.	5630.	171459242.424	13094.245	5807.	8902.5	32500.	41620.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	12	0.81	0.828	0.96	0.75	0.004	0.067	0.753	0.765	0.88	0.945
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	12	59.	50.833	78.	3.	564.879	23.767	6.9	35.75	69.5	77.1
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	17	10.	49.059	235.	2.	6012.059	77.537	2.8	5.5	76.5	235.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	17	379.	2258.059	16800.	32.	19115872.059	4372.17	54.4	140.	2583.5	9024.

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Annual Analysis for 1980 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	11	9.	8.945	10.	7.	0.823	0.907	7.2	8.5	9.5	10.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	12	15300.	15178.333	23000.	3110.	35727578.788	5977.255	4646.	11525.	20875.	22730.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	10	0.75	0.84	1.5	0.2	0.183	0.427	0.22	0.55	1.25	1.49
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	10	836.5	851.7	984.	750.	7950.678	89.167	751.5	765.	951.25	982.6
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	9	9.	8.889	10.1	7.6	0.921	0.96	7.6	8.05	9.95	10.1
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	9	8.	7.978	8.2	7.8	0.017	0.13	7.8	7.85	8.05	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	9	8.	7.961	8.2	7.8	0.017	0.131	7.8	7.85	8.05	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	9	0.01	0.011	0.016	0.006	0.	0.003	0.006	0.009	0.014	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	8	125.	123.75	130.	110.	55.357	7.44	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	10	0.03	0.034	0.09	0.	0.001	0.032	0.	0.	0.063	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	10	0.685	0.702	1.2	0.39	0.059	0.243	0.394	0.513	0.865	1.171
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	10	0.48	0.477	0.55	0.41	0.002	0.049	0.411	0.428	0.523	0.548
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	10	0.5	0.47	0.6	0.4	0.005	0.067	0.4	0.4	0.5	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	10	0.015	0.024	0.05	0.01	0.	0.017	0.01	0.01	0.043	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	10	270.	267.	290.	240.	445.556	21.108	240.	240.	290.	290.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	8	155.	147.5	160.	120.	250.	15.811	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	10	67.	66.3	72.	58.	26.678	5.165	58.2	61.5	72.	72.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	10	25.	24.8	27.	21.	3.733	1.932	21.2	23.75	27.	27.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	10	76.5	77.3	88.	65.	61.344	7.832	65.4	71.25	86.25	87.9
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	10	2.1	2.05	2.2	1.8	0.021	0.143	1.81	1.9	2.2	2.2
00932	SODIUM, PERCENT	01/11/26-03/02/83	10	38.	38.2	40.	37.	1.067	1.033	37.	37.	39.	39.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	10	3.9	3.92	4.8	3.4	0.153	0.391	3.41	3.65	4.05	4.74
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	10	52.5	52.9	65.	44.	59.433	7.709	44.	44.75	60.5	64.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	10	240.	230.	270.	200.	666.667	25.82	200.	200.	245.	269.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	10	0.3	0.31	0.5	0.2	0.005	0.074	0.21	0.3	0.3	0.48
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	10	7.8	7.83	8.3	7.4	0.105	0.323	7.4	7.55	8.2	8.29
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	9 ##	0.5	0.944	4.	0.5	1.34	1.158	0.5	0.5	0.75	4.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	9 ##	-0.301	-0.167	0.602	-0.301	0.093	0.305	-0.301	-0.301	-0.151	0.602
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.68								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	9	560.	582.778	749.	519.	5535.194	74.399	519.	519.	621.	749.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	10	549.	540.1	615.	472.	2437.656	49.373	473.8	494.5	584.25	613.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	10	28100.	26460.	37800.	12400.	59304888.889	7700.967	12990.	20250.	32125.	37330.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	10	0.775	0.799	1.02	0.71	0.009	0.096	0.71	0.71	0.845	1.004
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	5	49.	40.2	60.	1.	530.7	23.037	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	8	27.	104.375	634.	8.	46175.982	214.886	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	8	969.5	5967.875	39400.	227.	183648105.554	13551.683	**	**	**	**

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Annual Analysis for 1981 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	7	10.	9.714	10.5	8.5	0.405	0.636	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	7	10450.	13342.857	22070.	3890.	43150790.476	6568.926	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	7	1.	1.129	2.3	0.6	0.292	0.541	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	6	820.	825.833	885.	760.	1864.167	43.176	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	8.3	8.233	9.7	6.6	0.995	0.997	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	7.85	7.788	8.	7.4	0.064	0.252	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	7.825	7.724	8.	7.4	0.069	0.262	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.015	0.019	0.04	0.01	0.	0.012	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	6	0.07	0.075	0.2	0.	0.005	0.07	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6	0.745	0.752	1.	0.52	0.027	0.164	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	6	0.455	0.428	0.49	0.3	0.005	0.068	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	7	0.4	0.429	0.5	0.3	0.006	0.076	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	7	0.02	0.026	0.05	0.01	0.	0.015	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	7	250.	257.143	280.	240.	190.476	13.801	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	7	64.	64.571	70.	61.	12.619	3.552	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	7	23.	23.571	26.	22.	1.619	1.272	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	7	72.	72.143	86.	62.	56.81	7.537	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	7	2.	2.014	2.2	1.9	0.011	0.107	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	7	37.	37.429	40.	35.	2.952	1.718	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	7	3.5	3.4	3.7	3.1	0.043	0.208	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	7	45.	46.857	60.	35.	59.143	7.69	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	7	220.	218.571	250.	200.	314.286	17.728	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	7	0.3	0.257	0.3	0.2	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	7	8.	7.929	8.2	7.7	0.032	0.18	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	0.5	1.167	4.	0.5	1.967	1.402	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	-0.301	-0.1	0.602	-0.301	0.133	0.365	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.794								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	7	534.	542.429	605.	504.	1213.286	34.832	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	7	513.	512.571	584.	464.	1598.619	39.983	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	7	16100.	19164.286	31400.	6350.	81012261.905	9000.681	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	7	0.73	0.739	0.82	0.69	0.002	0.045	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	7	13.	13.571	33.	6.	84.952	9.217	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	7	329.	532.286	1970.	137.	409190.571	639.68	**	**	**	**

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Annual Analysis for 1982 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	9.45	9.15	10.	8.	0.935	0.967	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	6	17100.	15876.667	19900.	8960.	16144066.667	4017.968	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	1.45	2.767	10.	0.7	12.799	3.578	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	6	910.	913.333	990.	860.	2266.667	47.61	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	8.65	8.75	10.2	7.7	0.755	0.869	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.1	8.05	8.3	7.6	0.059	0.243	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.1	7.983	8.3	7.6	0.064	0.254	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.008	0.01	0.025	0.005	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6	0.65	0.613	0.8	0.38	0.027	0.165	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	6	0.4	0.4	0.5	0.3	0.004	0.063	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	6	0.03	0.036	0.08	0.005	0.001	0.03	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	6	280.	285.	310.	260.	470.	21.679	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	2	150.	150.	150.	150.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	69.	70.667	78.	63.	37.467	6.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	26.	25.667	27.	24.	2.267	1.506	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	79.5	80.5	88.	73.	40.3	6.348	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	6	2.25	2.283	2.4	2.2	0.01	0.098	**	**	**	**

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Annual Analysis for 1982 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932	SODIUM, PERCENT	01/11/26-03/02/83	6	38.	37.667	38.	37.	0.267	0.516	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.6	3.75	4.2	3.5	0.079	0.281	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	56.	57.833	67.	51.	50.567	7.111	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	245.	241.667	270.	210.	416.667	20.412	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.3	0.333	0.5	0.3	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	7.7	7.883	8.8	7.6	0.214	0.462	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5 ##	0.5	1.	3.	0.5	1.25	1.118	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5 ##	-0.301	-0.145	0.477	-0.301	0.121	0.348	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.715								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	569.5	585.	654.	517.	2554.	50.537	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	5	580.	573.6	623.	511.	2026.3	45.014	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	6	26200.	24816.667	30400.	15500.	35993666.667	5999.472	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	6	0.775	0.795	0.89	0.7	0.005	0.069	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	2	16.	16.	22.	10.	72.	8.485	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	5	39.	36.6	65.	7.	440.3	20.983	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	3	2260.	1853.	2980.	319.	1894467.	1376.396	**	**	**	**

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Annual Analysis for 1983 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	7	9.5	9.857	11.5	8.	1.81	1.345	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	7	23500.	26357.143	50000.	17200.	120636190.476	10983.451	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	1.25	1.717	4.5	0.5	2.062	1.436	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	7	830.	808.571	885.	734.	3915.286	62.572	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	7	8.2	8.514	11.4	6.8	2.468	1.571	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	7	8.	7.9	8.2	7.5	0.08	0.283	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	7	8.	7.814	8.2	7.5	0.089	0.298	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	7	0.01	0.015	0.032	0.006	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	7	130.	160.	340.	120.	6333.333	79.582	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	7	0.6	0.714	1.	0.4	0.061	0.248	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	7	0.4	0.371	0.4	0.3	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	7	0.01	0.021	0.04	0.01	0.	0.015	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	2	280.	280.	310.	250.	1800.	42.426	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	67.	67.667	77.	60.	37.867	6.154	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	24.5	24.667	27.	22.	4.267	2.066	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	72.	72.667	84.	61.	73.867	8.595	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	2	2.2	2.2	2.3	2.1	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	01/11/26-03/02/83	2	37.	37.	37.	37.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.4	3.433	3.7	3.2	0.027	0.163	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	51.	49.833	59.	37.	68.967	8.305	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	220.	221.667	250.	200.	456.667	21.37	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	7.65	7.65	8.1	7.3	0.103	0.321	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	4 ##	-0.301	-0.226	0.	-0.301	0.023	0.151	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.595								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	542.	546.167	599.	494.	2051.367	45.292	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	2	536.	536.	584.	488.	4608.	67.882	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	2	28150.	28150.	28500.	27800.	245000.	494.975	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	2	0.755	0.755	0.81	0.7	0.006	0.078	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	4	29.	25.75	34.	11.	108.25	10.404	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	4	37.	76.75	220.	13.	9542.25	97.684	**	**	**	**

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Annual Analysis for 1984 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	10.	10.083	12.5	8.	3.342	1.828	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	6	24800.	27733.333	42100.	24200.	49858666.667	7061.067	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	1.05	1.083	1.8	0.4	0.298	0.546	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	6	755.	751.667	850.	680.	3566.667	59.722	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	8.9	9.167	12.8	7.3	3.603	1.898	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.2	8.133	8.3	7.8	0.031	0.175	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.2	8.099	8.3	7.8	0.032	0.179	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.006	0.008	0.016	0.005	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	6	126.	125.167	137.	110.	78.167	8.841	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6	0.25	0.267	0.4	0.1	0.015	0.121	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	6	0.3	0.317	0.4	0.3	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	6	0.01	0.015	0.03	0.01	0.	0.008	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	60.5	60.	63.	55.	10.4	3.225	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	22.5	22.5	24.	20.	2.3	1.517	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	61.5	60.5	67.	51.	33.5	5.788	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.	3.	3.2	2.7	0.036	0.19	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	38.5	37.833	45.	28.	46.967	6.853	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	185.	188.333	200.	180.	96.667	9.832	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	8.3	8.317	8.7	7.9	0.078	0.279	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5 ##	-0.301	-0.241	0.	-0.301	0.018	0.135	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.574								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	493.5	484.	526.	423.	1931.6	43.95	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	3	34.	40.667	76.	12.	1057.333	32.517	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	3	16.	31.333	66.	12.	905.333	30.089	**	**	**	**

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Annual Analysis for 1985 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	30	10.4	10.207	10.5	8.	0.317	0.563	9.58	10.3	10.4	10.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	6	25550.	24633.333	30000.	14700.	27026666.667	5198.718	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	1.45	2.767	9.5	1.	11.083	3.329	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	30	662.5	662.8	725.	590.	507.131	22.52	643.4	661.5	665.	669.6
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	8.6	8.617	9.4	7.6	0.522	0.722	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.25	8.25	8.3	8.2	0.003	0.055	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.247	8.247	8.3	8.2	0.003	0.055	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	6	123.	122.833	133.	111.	92.167	9.6	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	5	0.04	0.04	0.05	0.02	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	5	0.4	0.38	0.4	0.3	0.002	0.045	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	4	0.4	0.4	0.5	0.3	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	59.5	58.833	64.	50.	30.567	5.529	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	21.	21.333	24.	19.	3.467	1.862	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	51.	53.	60.	47.	31.6	5.621	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	2.9	2.933	3.2	2.6	0.043	0.207	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	31.	32.333	40.	26.	30.667	5.538	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	165.	170.	200.	150.	320.	17.889	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.25	0.517	1.9	0.2	0.462	0.679	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	8.9	8.867	9.1	8.5	0.047	0.216	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	5	70.	72.	90.	60.	170.	13.038	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	0.75	1.25	3.	0.5	1.075	1.037	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	-0.151	-0.021	0.477	-0.301	0.118	0.343	**	**	**	**

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Annual Analysis for 1985 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.953								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	427.5	436.	484.	383.	1276.4	35.727	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	5	31.	29.4	37.	23.	34.3	5.857	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	6	9.5	12.5	36.	3.	145.9	12.079	**	**	**	**

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Annual Analysis for 1986 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	8	11.5	10.688	12.	7.5	2.853	1.689	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	6	21800.	22000.	32300.	14300.	44592000.	6677.724	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	7	1.	29.357	200.	0.3	5662.25	75.248	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	8	662.	678.5	755.	642.	1842.571	42.925	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	8.7	8.783	11.2	7.3	2.094	1.447	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	8	8.2	8.188	8.3	8.1	0.004	0.064	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	8	8.2	8.183	8.3	8.1	0.004	0.064	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	8	0.006	0.007	0.008	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	4	116.5	115.25	123.	105.	64.25	8.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	8	## 0.008	0.016	0.05	0.005	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	8	0.4	0.413	0.6	0.3	0.01	0.099	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	8	0.4	0.331	0.4	0.05	0.015	0.122	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	7	0.4	0.386	0.5	0.3	0.005	0.069	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	8	0.02	0.018	0.03	0.005	0.	0.008	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	7	57.	57.143	61.	52.	8.81	2.968	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	7	21.	21.429	24.	20.	1.952	1.397	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	7	51.	53.286	62.	49.	25.905	5.09	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	7	2.9	2.914	3.1	2.7	0.028	0.168	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	7	28.	31.286	43.	26.	35.238	5.936	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	7	170.	168.571	180.	160.	47.619	6.901	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	7	0.3	0.257	0.3	0.2	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	9.1	8.933	9.3	8.3	0.159	0.398	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	4	65.	67.5	80.	60.	91.667	9.574	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	8	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	8	## -0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	7	426.	433.429	493.	404.	963.952	31.048	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	2	72.5	72.5	75.	70.	12.5	3.536	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	6	11.5	23.333	96.	3.	1284.267	35.837	**	**	**	**

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Annual Analysis for 1987 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	13	9.	9.308	10.5	8.5	0.356	0.596	8.5	9.	9.75	10.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	2	26850.	26850.	29200.	24500.	11045000.	3323.402	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	12	0.7	0.825	1.6	0.4	0.171	0.414	0.43	0.5	1.075	1.57
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	13	710.	710.	790.	640.	2120.833	46.053	648.	670.	742.5	786.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	13	8.6	8.738	9.8	7.8	0.411	0.641	7.84	8.2	9.3	9.72
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	12	8.2	8.181	8.3	8.	0.006	0.079	8.03	8.125	8.215	8.285
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	12	8.2	8.174	8.3	8.	0.006	0.079	8.03	8.125	8.215	8.285
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	12	0.006	0.007	0.01	0.005	0.	0.001	0.005	0.006	0.008	0.009
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	11	128.	126.909	139.	116.	43.691	6.61	116.6	121.	131.	137.8
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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Annual Analysis for 1987 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	12	0.015	0.015	0.04	0.005	0.	0.01	0.005	0.006	0.02	0.034
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	12	0.4	0.392	1.	0.1	0.074	0.271	0.1	0.125	0.55	0.91
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	12	0.4	0.35	0.4	0.2	0.005	0.067	0.23	0.3	0.4	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	6	0.4	0.35	0.4	0.2	0.007	0.084	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	12	0.02	0.044	0.23	0.005	0.004	0.064	0.007	0.01	0.048	0.191
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	12	60.5	60.917	66.	57.	5.538	2.353	57.3	60.	62.	65.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	12	22.	22.583	25.	21.	1.538	1.24	21.	22.	23.75	24.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	12	55.5	56.	61.	51.	12.909	3.593	51.3	52.5	59.75	61.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	12	2.9	2.925	3.2	2.7	0.013	0.114	2.76	2.9	2.975	3.14
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	12	33.5	34.167	44.	23.	33.97	5.828	24.8	30.25	39.75	42.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	12	185.	185.	210.	160.	209.091	14.46	163.	172.5	197.5	207.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	12	0.3	0.292	0.4	0.2	0.003	0.051	0.2	0.3	0.3	0.37
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	9.	9.017	9.3	8.7	0.05	0.223	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	12	70.	71.667	80.	60.	69.697	8.348	60.	62.5	80.	80.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	11	1.	1.318	4.	0.5	1.064	1.031	0.5	0.5	2.	3.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	11	0.	0.027	0.602	-0.301	0.081	0.284	-0.301	-0.301	0.301	0.542
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.065								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	12	463.5	461.	504.	409.	783.091	27.984	415.	440.75	487.25	500.7
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	6	65.5	68.667	95.	52.	306.667	17.512	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	12	4.	5.5	14.	0.	14.273	3.778	0.9	3.25	8.25	12.8

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Annual Analysis for 1988 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	11	9.	8.818	9.5	8.	0.214	0.462	8.1	8.5	9.	9.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	3	14800.	14453.333	15200.	13360.	936533.333	967.747	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	11	0.6	0.764	1.6	0.4	0.163	0.403	0.4	0.4	1.1	1.52
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	11	845.	816.545	920.	660.	7237.073	85.071	662.	780.	870.	915.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	11	8.5	8.618	9.6	7.5	0.56	0.748	7.54	7.9	9.4	9.58
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	11	8.1	8.095	8.26	7.9	0.011	0.104	7.92	8.	8.19	8.248
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	11	8.1	8.084	8.26	7.9	0.011	0.105	7.92	8.	8.19	8.248
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	11	0.008	0.008	0.013	0.005	0.	0.002	0.006	0.006	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	11	130.	109.091	142.	0.	2952.091	54.333	0.	125.	140.	141.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	11	0.02	0.016	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	11	0.3	0.345	0.7	0.2	0.021	0.144	0.2	0.3	0.4	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	11	0.4	0.373	0.4	0.2	0.004	0.065	0.22	0.4	0.4	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	6	0.4	0.417	0.5	0.4	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	11	70.	68.	73.	60.	22.2	4.712	60.2	64.	72.	73.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	11	26.	25.818	28.	22.	4.364	2.089	22.2	24.	28.	28.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	11	68.	68.364	76.	54.	44.655	6.682	55.8	64.	74.	75.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	11	3.1	3.1	3.6	2.5	0.082	0.286	2.58	3.	3.3	3.56
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	11	45.	44.455	55.	30.	53.673	7.326	31.4	39.	51.	54.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	11	230.	216.364	240.	170.	605.455	24.606	172.	200.	240.	240.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	11	0.3	0.273	0.4	0.2	0.004	0.065	0.2	0.2	0.3	0.38
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	8.9	8.867	9.1	8.5	0.043	0.207	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	11	80.	82.727	100.	70.	101.818	10.09	70.	70.	90.	98.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	11 ##	0.5	0.909	2.	0.5	0.341	0.584	0.5	0.5	1.	2.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	11 ##	-0.301	-0.109	0.301	-0.301	0.059	0.244	-0.301	-0.301	0.	0.301
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.777								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	11	548.	532.818	588.	435.	2038.364	45.148	446.4	504.	562.	587.2
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	5	68.	74.2	91.	58.	221.7	14.89	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	9	3.	2.889	5.	1.	1.611	1.269	1.	2.	4.	5.

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Annual Analysis for 1989 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	20	7.5	7.6	9.	6.5	0.305	0.553	7.	7.5	8.	8.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	6	9550.	10025.	19400.	4920.	27744750.	5267.329	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	12	0.3	0.383	0.7	0.2	0.025	0.159	0.2	0.3	0.5	0.67
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	19	750.	757.105	900.	670.	3642.544	60.353	690.	720.	780.	900.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	20	8.9	8.55	11.1	0.	4.49	2.119	8.01	8.725	9.175	9.93
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	19	8.15	8.147	8.32	7.97	0.006	0.075	8.04	8.11	8.18	8.23
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	19	8.15	8.141	8.32	7.97	0.006	0.075	8.04	8.11	8.18	8.23
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	19	0.007	0.007	0.011	0.005	0.	0.001	0.006	0.007	0.008	0.009
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	19	0.01	0.014	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	19	0.3	0.332	0.8	0.1	0.056	0.236	0.1	0.1	0.4	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	19	0.34	0.35	0.4	0.2	0.003	0.054	0.3	0.33	0.4	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	19	0.4	0.368	0.4	0.2	0.003	0.058	0.3	0.3	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	19 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	12	65.	65.917	74.	61.	14.447	3.801	61.6	64.	66.	73.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	12	23.	23.917	28.	22.	3.902	1.975	22.3	23.	24.	28.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	12	66.5	68.083	83.	58.	46.629	6.829	59.5	66.	67.75	82.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	12	3.25	3.275	3.6	3.	0.035	0.186	3.03	3.125	3.375	3.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	12	42.	43.917	59.	33.	57.72	7.597	34.8	40.25	43.75	59.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	12	220.	216.667	240.	190.	133.333	11.547	196.	210.	220.	234.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	12	8.5	8.408	8.8	8.1	0.046	0.215	8.1	8.2	8.5	8.74
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	6	90.	90.	110.	70.	240.	15.492	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	1.	0.9	1.	0.5	0.05	0.224	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	0.	-0.06	0.	-0.301	0.018	0.135	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.871								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	12	511.	522.333	606.	477.	1602.788	40.035	483.6	500.	519.25	605.1
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	5	72.	75.8	100.	55.	402.7	20.067	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	5	4.	3.6	6.	1.	3.3	1.817	**	**	**	**

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Annual Analysis for 1990 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	5	9.	8.5	9.5	7.5	0.875	0.935	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	5	11900.	12100.	20400.	4920.	31604200.	5621.761	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	5	0.5	0.64	1.3	0.4	0.138	0.371	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	5	830.	843.	885.	800.	1170.	34.205	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	5	8.5	8.76	9.7	8.	0.463	0.68	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	5	8.1	8.128	8.27	7.98	0.012	0.111	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	5	8.1	8.117	8.27	7.98	0.013	0.112	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	5	0.008	0.008	0.01	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	5 ##	0.1	0.12	0.2	0.1	0.002	0.045	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	5	0.4	0.36	0.4	0.3	0.003	0.055	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	5	0.3	0.32	0.4	0.3	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	5	0.01	0.013	0.02	0.005	0.	0.007	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	5	68.	69.4	74.	67.	7.8	2.793	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	5	26.	26.	28.	25.	1.5	1.225	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	5	73.	73.6	79.	70.	15.3	3.912	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	5	3.5	3.46	3.6	3.2	0.028	0.167	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	5	51.	52.8	58.	47.	24.7	4.97	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	5	230.	234.	250.	220.	130.	11.402	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	5	0.3	0.44	1.1	0.1	0.148	0.385	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	5	8.3	8.32	9.	7.9	0.187	0.432	**	**	**	**

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Annual Analysis for 1990 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	5	90.	90.	100.	80.	50.	7.071	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	2.	1.5	2.	0.5	0.5	0.707	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	0.301	0.12	0.301	-0.301	0.072	0.269	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.32								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	5	565.	573.4	631.	541.	1365.3	36.95	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	4	86.5	84.75	91.	75.	48.25	6.946	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	4	2.	2.375	4.5	1.	2.229	1.493	**	**	**	**

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Annual Analysis for 1991 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	9.	8.65	10.	6.9	1.435	1.198	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	7	11900.	11774.286	18400.	5110.	18422928.571	4292.194	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	1.1	1.033	1.7	0.4	0.227	0.476	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	6	910.5	920.833	985.	835.	3104.567	55.719	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	7.9	8.117	9.5	7.4	0.61	0.781	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.1	8.093	8.22	7.9	0.014	0.116	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.1	8.08	8.22	7.9	0.014	0.117	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.008	0.008	0.013	0.006	0.	0.002	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	6 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6	0.2	0.2	0.3	0.1	0.008	0.089	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	6	0.355	0.335	0.41	0.18	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	6	0.4	0.35	0.4	0.2	0.007	0.084	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	6 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	74.5	74.833	83.	66.	31.767	5.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	27.	26.833	29.	25.	2.967	1.722	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	82.	80.833	91.	69.	55.767	7.468	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.75	3.7	4.1	3.2	0.1	0.316	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	58.5	57.333	66.	46.	71.067	8.43	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	260.	256.667	270.	230.	266.667	16.33	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.4	0.367	0.5	0.2	0.011	0.103	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	6	7.65	7.583	8.	7.1	0.11	0.331	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	6	90.	91.667	100.	90.	16.667	4.082	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	0.75	5.583	30.	0.5	143.142	11.964	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	6 ##	-0.151	0.096	1.477	-0.301	0.48	0.693	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.246								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	610.5	607.333	646.	556.	1487.067	38.563	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	4	69.	58.25	74.	21.	624.917	24.998	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	4	4.	4.	7.	1.	8.667	2.944	**	**	**	**

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Annual Analysis for 1992 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	6	8.5	8.5	9.5	7.	1.	1.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	5	13700.	12538.	17100.	7390.	13918720.	3730.78	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	6	0.7	0.7	1.	0.4	0.052	0.228	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	6	922.5	920.833	981.	874.	1496.567	38.685	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	6	7.9	7.933	9.	7.2	0.363	0.602	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.14	8.142	8.29	7.95	0.015	0.124	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	6	8.138	8.126	8.29	7.95	0.016	0.126	**	**	**	**

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Annual Analysis for 1992 - Station GLCA0004

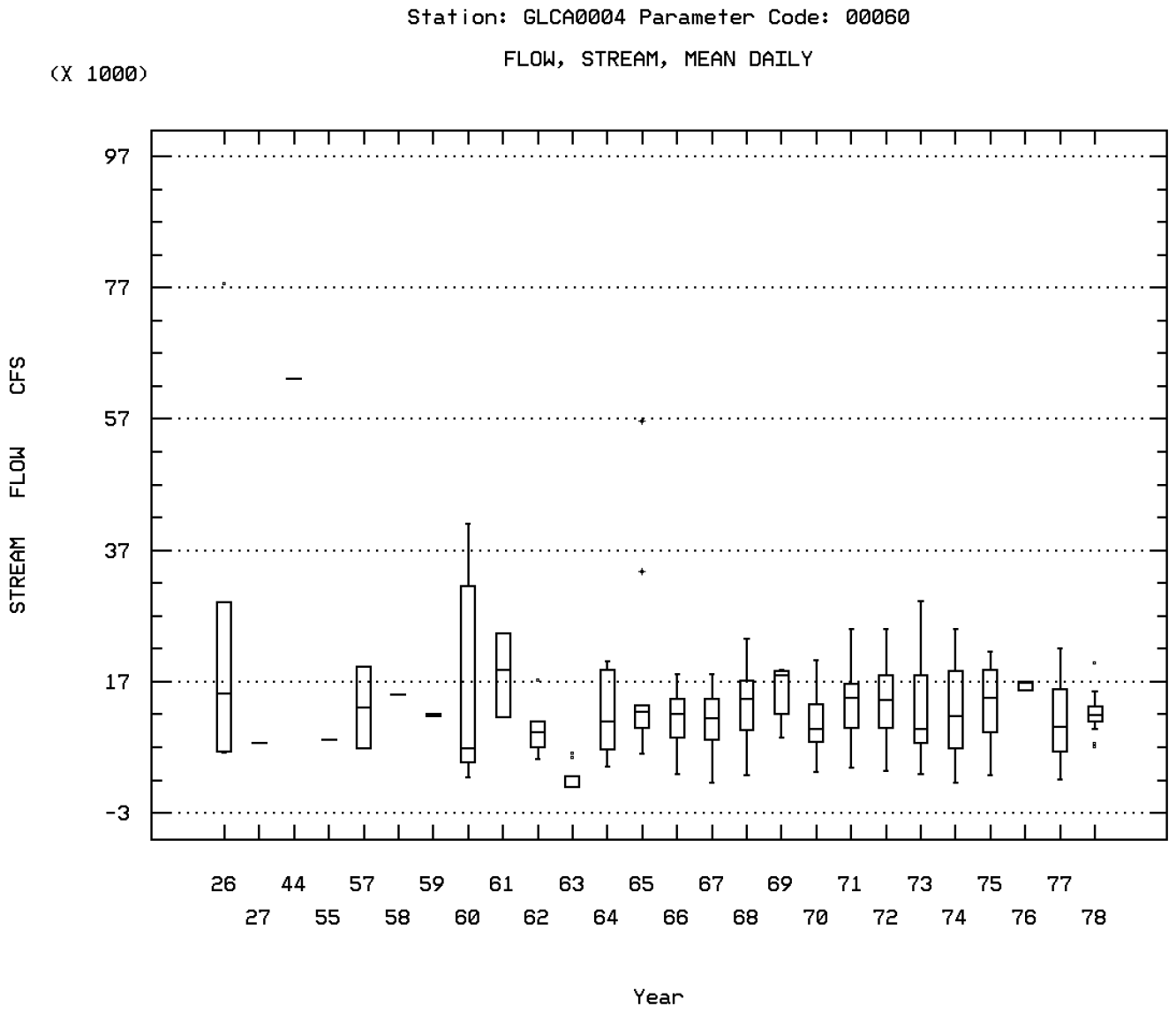
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	6	0.007	0.007	0.011	0.005	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	6	0.01	0.012	0.02	0.005	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	6 ##	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	6	0.405	0.373	0.44	0.21	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	5	0.4	0.34	0.4	0.2	0.008	0.089	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	6	75.	74.667	82.	69.	23.067	4.803	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	6	26.	25.667	28.	24.	2.267	1.506	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	6	75.5	76.833	85.	71.	24.567	4.956	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	6	3.75	3.783	4.1	3.5	0.042	0.204	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	6	57.	58.	69.	48.	68.	8.246	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	6	250.	246.667	270.	210.	426.667	20.656	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	6	0.3	0.3	0.4	0.2	0.004	0.063	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	5	6.9	7.06	7.4	6.9	0.053	0.23	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	6	90.	93.333	100.	90.	26.667	5.164	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	1.	0.8	1.	0.5	0.075	0.274	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	5	0.	-0.12	0.	-0.301	0.027	0.165	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.758								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	6	586.	592.167	656.	546.	1471.767	38.364	**	**	**	**

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

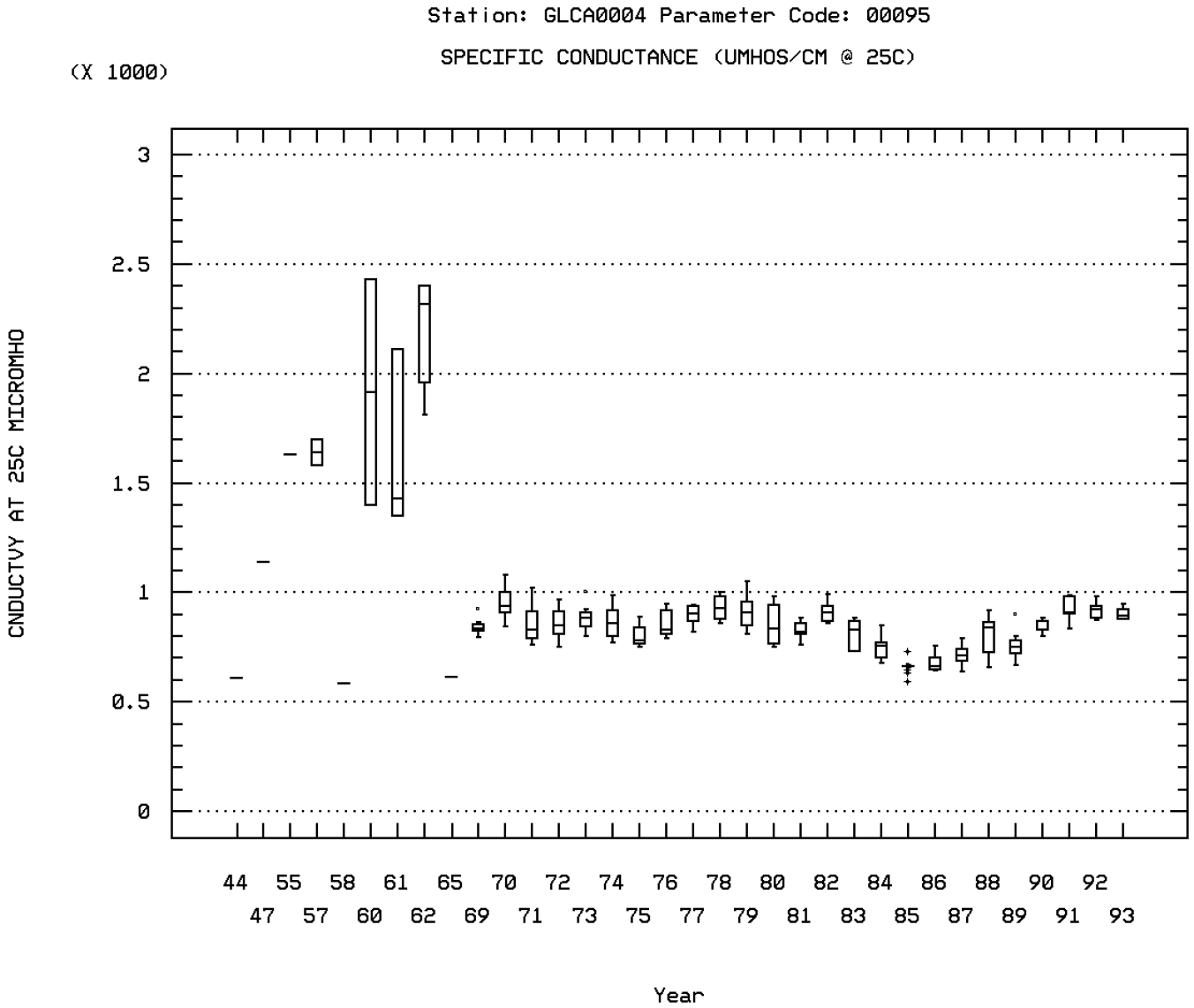
Annual Analysis for 1993 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	4	8.25	8.625	11.	7.	3.229	1.797	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	1	13300.	13300.	13300.	13300.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	3	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	4	892.	902.	946.	878.	1000.	31.623	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	4	8.3	8.275	8.7	7.8	0.162	0.403	**	**	**	**
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	4	7.995	7.995	8.1	7.89	0.015	0.121	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	4	7.982	7.982	8.1	7.89	0.015	0.122	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	4	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	3	76.	74.	76.	70.	12.	3.464	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	3	25.	25.333	26.	25.	0.333	0.577	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	3	79.	77.333	80.	73.	14.333	3.786	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	3	3.8	3.767	3.8	3.7	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	3	61.	59.333	62.	55.	14.333	3.786	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	3	250.	250.	260.	240.	100.	10.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	3	100.	100.	110.	90.	100.	10.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	3	640.	610.	642.	548.	2884.	53.703	**	**	**	**

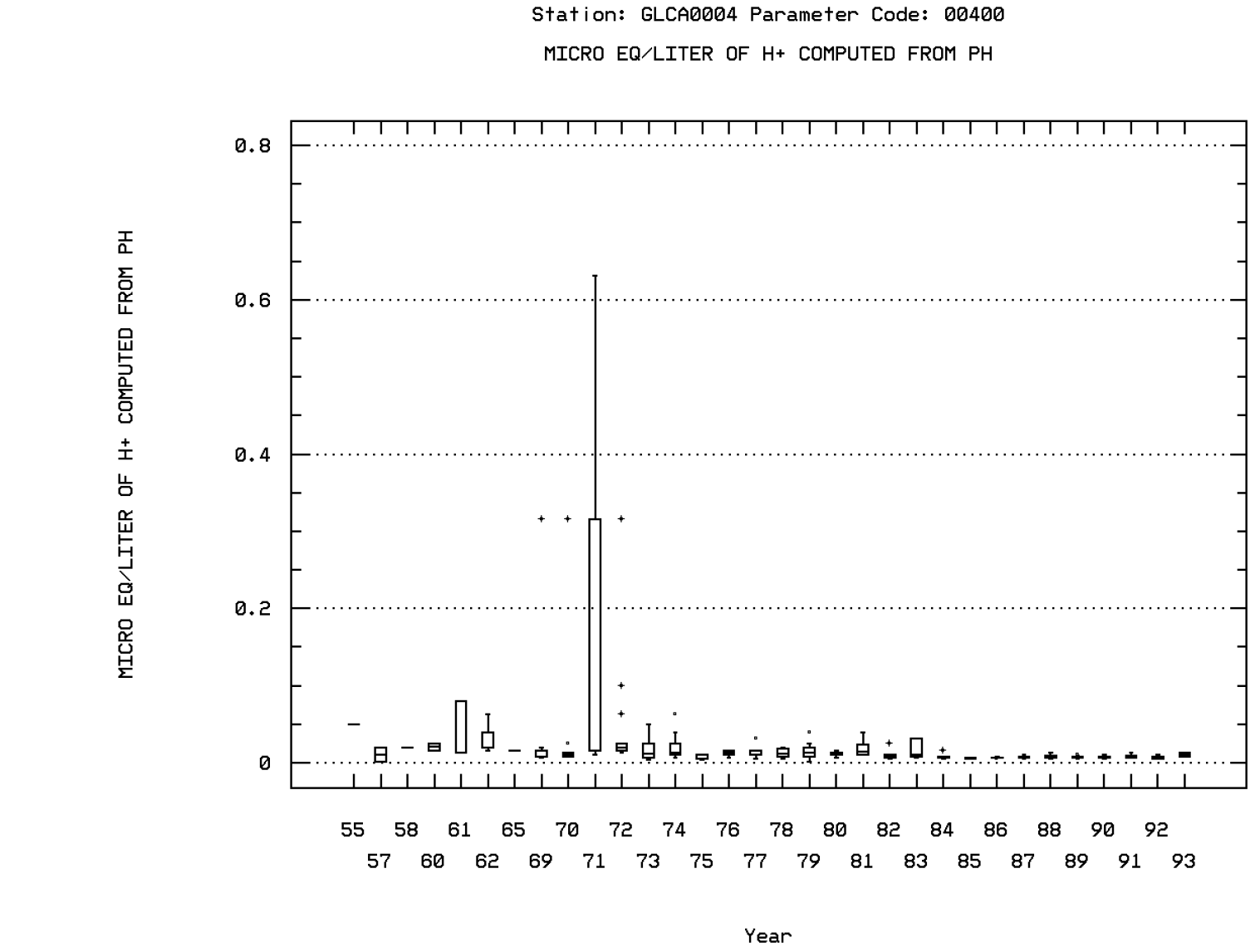
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



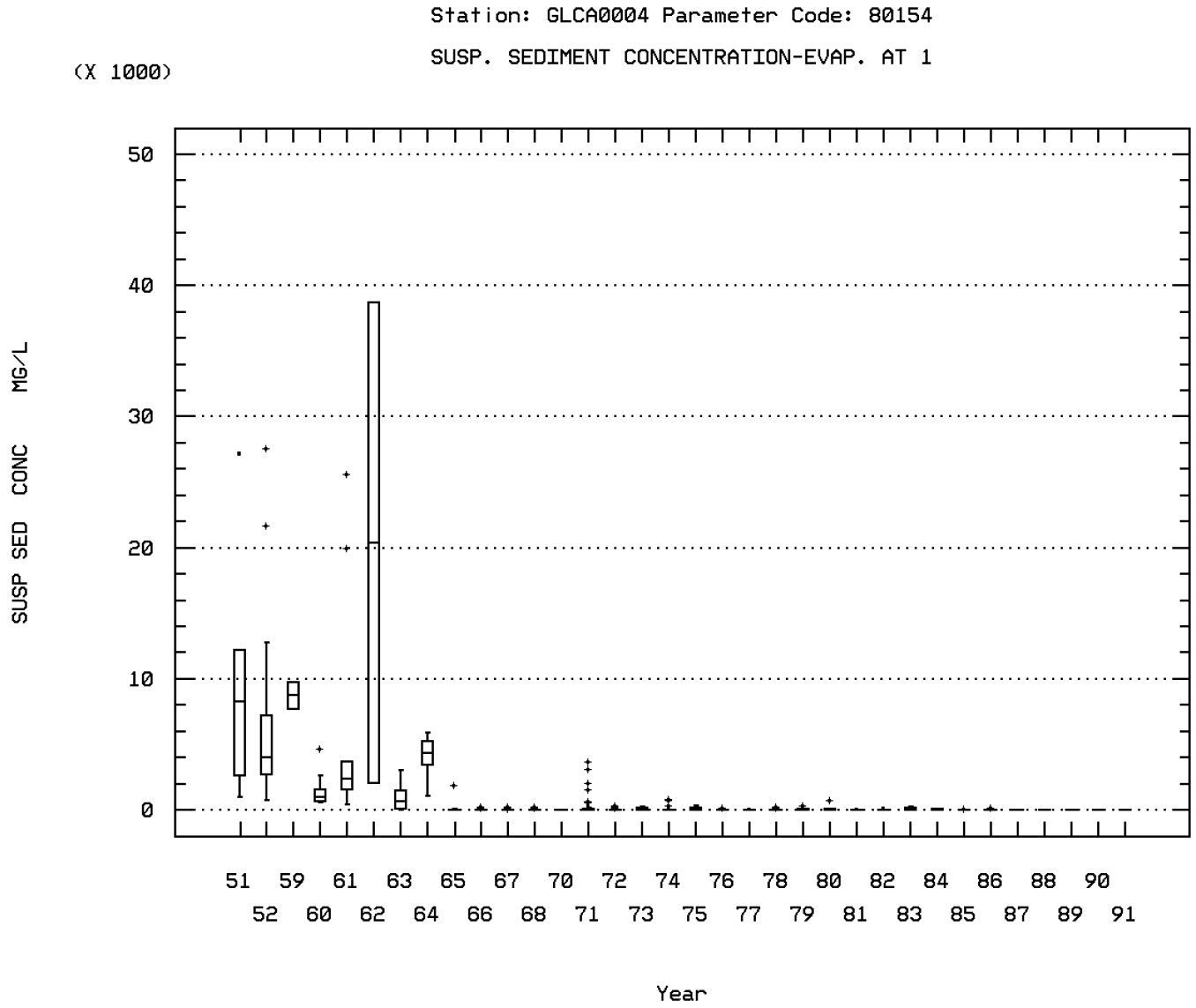
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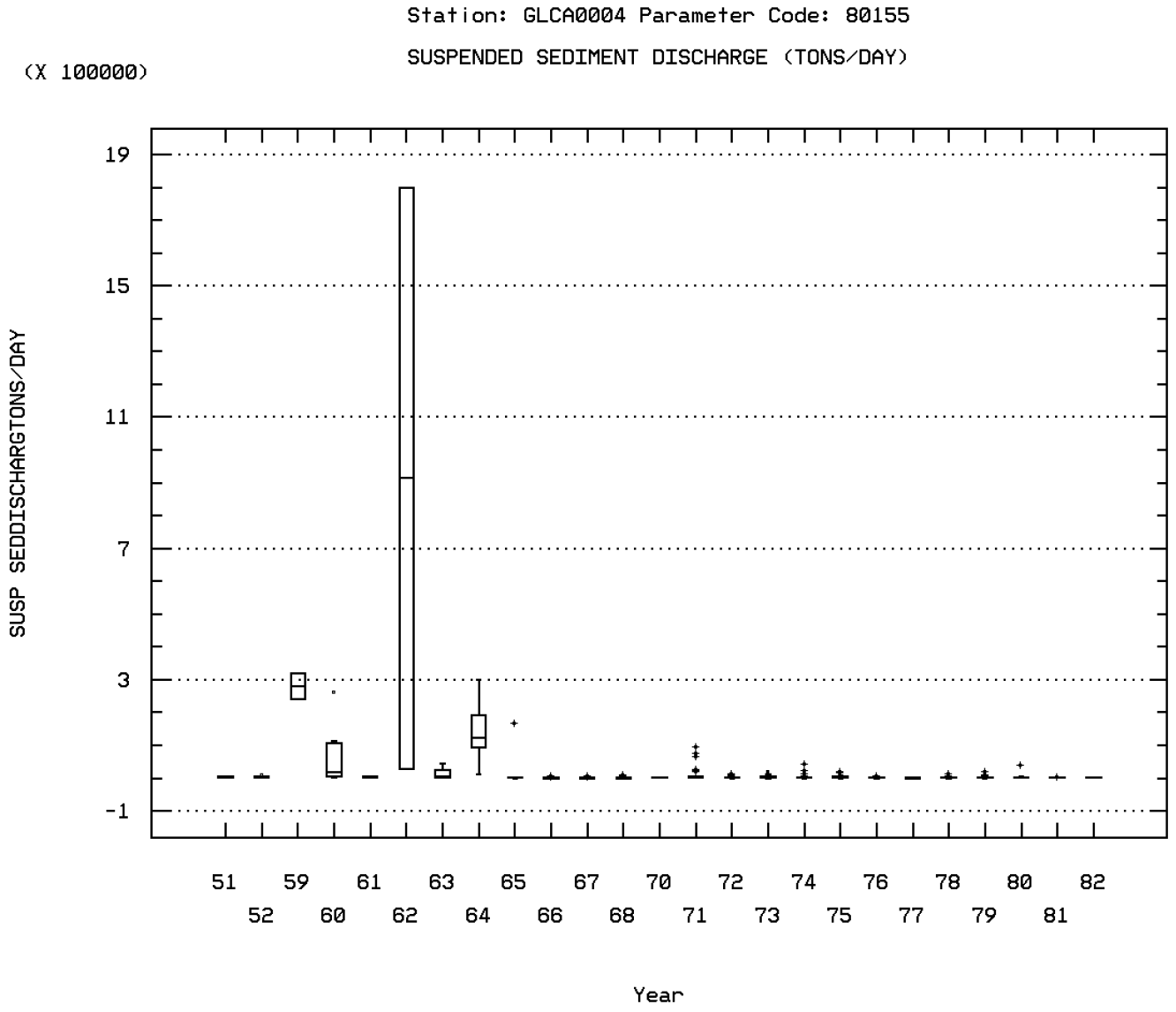
COLORADO R AT LEES FERRY, AZ.



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COLORADO R AT LEES FERRY, AZ.

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	26	400.	369.731	414.	0.	11882.285	109.006	275.8	394.	405.	410.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	129	10.4	12.736	25.6	7.	22.36	4.729	7.5	9.5	18.	20.
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	116	11900.	12200.69	25000.	1000.	31236482.999	5588.961	4197.	7917.5	16300.	19330.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	84	12650.	13249.083	28500.	1680.	32467395.403	5698.017	6991.5	8985.	17450.	22085.
00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	33	9.	8.863	12.05	7.07	2.988	1.729	7.07	7.075	10.355	11.528
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	31	0.5	2.094	26.	0.2	25.39	5.039	0.3	0.3	1.	8.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	103	800.	893.165	2430.	642.	156049.884	395.031	662.	665.	877.	1380.
00300p	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	47	8.8	8.534	11.1	6.	0.918	0.958	7.36	8.	9.	9.42
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	7	83.	82.	94.	73.	49.333	7.024	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	13	16.	19.308	61.	5.	259.064	16.095	5.	5.	27.5	51.4
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	77	8.08	7.92	8.8	6.5	0.176	0.419	7.4	7.8	8.19	8.236
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	77	8.08	7.587	8.8	6.5	0.288	0.536	7.4	7.8	8.19	8.236
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	77	0.008	0.026	0.316	0.002	0.004	0.06	0.006	0.006	0.016	0.04
00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	25	8.1	8.072	8.5	7.8	0.025	0.157	7.86	8.	8.2	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	11/06/80-05/06/93	25	8.1	8.046	8.5	7.8	0.025	0.159	7.86	8.	8.2	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/80-05/06/93	25	0.008	0.009	0.016	0.003	0.	0.003	0.006	0.006	0.01	0.014
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	16	3.1	3.888	13.	0.6	10.772	3.282	1.09	2.	4.05	10.9
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	40	127.5	120.4	159.	0.	850.297	29.16	110.1	120.5	130.	132.9
00440p	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	35	160.	179.429	292.	0.	4388.076	66.243	150.2	155.	236.	280.4
00445p	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	22	163.5	161.318	172.	131.	72.037	8.487	153.3	158.	167.	168.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	14	2.	2.25	6.	0.5	2.913	1.707	0.5	0.875	3.25	5.
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	14	1.045	1.07	1.8	0.68	0.114	0.338	0.685	0.823	1.15	1.75
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	33	0.02	0.034	0.23	0.005	0.002	0.049	0.005	0.01	0.035	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	37	0.01	0.02	0.2	0.	0.001	0.034	0.005	0.01	0.02	0.042
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	19 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	4	0.535	0.535	0.55	0.52	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	45	0.3	0.4	1.2	0.1	0.064	0.253	0.1	0.21	0.51	0.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	43	0.4	0.424	0.77	0.05	0.02	0.14	0.3	0.33	0.49	0.66
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	47	0.4	0.438	0.8	0.3	0.012	0.109	0.3	0.4	0.5	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	15	0.03	0.066	0.3	0.	0.01	0.101	0.	0.	0.09	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	46 ##	0.008	0.013	0.08	0.005	0.	0.015	0.005	0.005	0.013	0.033
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	37 ##	0.005	0.01	0.05	0.005	0.	0.009	0.005	0.005	0.01	0.022
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	40 ##	0.005	0.009	0.04	0.	0.	0.008	0.005	0.005	0.01	0.019
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	18	3.	3.422	7.2	2.7	1.262	1.123	2.7	2.8	3.45	5.22
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	42	282.	400.214	960.	240.	51225.246	226.33	260.	270.	493.25	908.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	39	160.	259.744	766.	120.	39541.775	198.851	130.	140.	321.	692.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	64	69.	93.719	298.	56.	3878.459	62.277	60.5	65.	74.	201.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	64	24.5	28.328	64.	20.	113.176	10.638	21.5	23.	26.75	47.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	62	71.	85.387	236.	49.	1959.815	44.27	57.	66.	78.25	161.2
00931p	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	41	2.	2.137	3.3	1.7	0.2	0.448	1.8	1.9	2.15	3.04
00932p	SODIUM, PERCENT	01/11/26-03/02/83	32	36.	36.625	49.	27.	13.532	3.679	34.3	35.	37.	38.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	51	3.4	3.447	4.1	2.7	0.121	0.348	2.9	3.2	3.7	3.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	54	46.	46.63	138.	23.	229.294	15.142	31.5	42.	50.	55.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	54	220.	226.296	428.	160.	1927.269	43.901	180.	210.	240.	260.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	45	0.3	0.307	1.1	0.2	0.017	0.132	0.2	0.3	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	44	8.2	8.545	19.	5.9	4.142	2.035	7.2	7.8	8.8	9.05
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	22	1.	1.477	4.	0.5	0.583	0.763	1.	1.	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	21	1.	1.571	3.	1.	0.457	0.676	1.	1.	2.	2.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	20	88.5	87.75	120.	50.	187.145	13.68	77.1	80.25	92.	108.7
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	12 ##	0.25	0.375	1.5	0.25	0.131	0.361	0.25	0.25	0.25	1.2
01020p	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	28	80.	99.646	670.	0.1	13395.426	115.739	55.	70.	90.	125.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	21 ##	0.5	1.714	10.	0.	5.589	2.364	0.5	0.5	2.5	5.4
01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	20 ##	1.	2.825	17.	0.	19.323	4.396	0.05	0.5	2.75	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	22 ##	0.5	2.136	20.	0.	20.766	4.557	0.	0.5	1.	8.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	21	1.	7.548	46.	0.	172.448	13.132	0.1	0.5	8.	37.
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	19 ##	1.5	1.368	1.5	0.	0.135	0.367	1.	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	05/28/74-03/02/82	3 ##	24.5	16.5	25.	0.	204.25	14.292	**	**	**	**

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	21	4.	4.81	10.	0.5	7.237	2.69	0.6	3.	7.	8.
01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	20	12.	18.95	110.	1.	596.576	24.425	2.1	6.	25.25	46.9
01045p	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	18	65.	104.444	490.	20.	13520.261	116.277	20.	40.	102.5	319.
01046p	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	30	5.	7.82	42.	0.	98.11	9.905	1.5	1.5	8.5	29.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	22 ##	2.5	2.727	6.	0.	2.374	1.541	0.5	2.	3.25	5.
01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	21	4.	15.19	100.	0.5	893.262	29.887	0.6	2.5	7.5	89.6
01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	21 ##	5.	9.762	30.	5.	48.69	6.978	5.	5.	10.	20.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	22	2.	1.886	5.	0.5	2.26	1.503	0.5	0.5	2.25	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	13 ##	5.	5.385	10.	5.	1.923	1.387	5.	5.	5.	8.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	16	1.5	2.	5.	0.	2.1	1.449	0.35	1.	3.	4.3
01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	20 ##	0.5	0.5	1.	0.	0.053	0.229	0.05	0.5	0.5	0.95
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	13	780.	760.769	970.	630.	10157.692	100.785	630.	665.	825.	926.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	13 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	22	10.	13.955	54.	4.	182.522	13.51	5.	6.	13.25	43.7
01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	21	20.	32.619	170.	5.	1759.048	41.941	5.	7.5	45.	108.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	13 ##	5.	7.692	20.	5.	31.731	5.633	5.	5.	7.5	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	13	29.	30.	42.	22.	25.333	5.033	24.	27.	31.5	40.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	22	3.	2.545	4.	1.	0.641	0.8	1.3	2.	3.	3.7
01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	21	3.	2.619	4.	2.	0.448	0.669	2.	2.	3.	3.8
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	24	1.	4.167	32.	0.5	70.514	8.397	0.5	0.625	3.75	18.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	24	0.	0.214	1.505	-0.301	0.264	0.514	-0.301	-0.226	0.571	1.128
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.638								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	21	3.	53.976	1000.	0.5	47100.737	217.027	0.5	1.	4.5	35.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	21	0.477	0.558	3.	-0.301	0.604	0.777	-0.301	0.	0.651	1.551
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.616								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	22	133.5	132.136	141.	107.	50.028	7.073	125.3	129.25	137.	138.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	63	559.	700.635	1940.	423.	152859.526	390.973	455.6	516.	605.	1374.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	24	536.5	532.083	604.	472.	981.036	31.321	493.	509.25	548.	571.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	42	29530.05	29251.	112801.	2240.	316721266.515	17796.664	12483.07	16225.	34810.025	48146.1
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	42	0.79	1.091	2.64	0.67	0.366	0.605	0.71	0.748	1.313	2.368
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	57	90.	81.175	100.	1.	386.29	19.654	56.	72.	95.	99.2
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	34	96.	94.912	100.	81.	15.053	3.88	89.5	93.	97.	99.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	32	99.5	99.313	100.	96.	0.802	0.896	98.	99.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	16	100.	99.875	100.	99.	0.117	0.342	99.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	9	44.	45.333	62.	35.	72.5	8.515	35.	38.5	51.	62.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	36	57.5	57.583	88.	34.	112.993	10.63	47.	49.25	63.75	71.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	36	77.	76.389	92.	51.	115.616	10.752	61.2	68.5	85.	90.3
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	4	2.35	2.35	2.4	2.3	0.003	0.058	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	14	4.5	4.686	7.8	3.	2.121	1.456	3.05	3.625	5.075	7.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	17 ##	0.05	0.091	0.4	0.	0.011	0.105	0.04	0.05	0.05	0.28
71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	20 ##	0.05	0.098	0.6	0.	0.018	0.134	0.05	0.05	0.05	0.25
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	154	14.5	2857.864	38700.	1.	49420343.426	7029.96	2.	5.	664.75	10750.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	138	648.	17902.782	1800000.	19.241	10507502.042	155275.586	52.9	199.	3257.5	5183.

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	13	406.	409.231	430.	400.	99.526	9.976	400.	402.	410.	430.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	92	9.25	9.555	17.2	0.	10.278	3.206	6.76	8.	11.	14.28
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	103	12200.	11797.573	25000.	1630.	27464804.835	5240.687	4560.	7890.	15000.	18600.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	79	12400.	13729.114	29200.	2490.	47026818.436	6857.61	4560.	9100.	18900.	24000.
00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	22	9.87	10.138	11.94	8.19	1.492	1.222	8.42	9.26	11.375	11.886
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	31	1.	1.042	2.2	0.3	0.215	0.464	0.4	0.7	1.4	1.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	58	809.	797.724	950.	590.	7275.361	85.296	659.	750.	860.	904.4
00300p	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	39	8.	8.085	11.5	6.3	0.969	0.984	7.	7.6	8.8	9.3

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Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	8	76.	70.225	88.	8.8	646.576	25.428	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	14	12.	21.286	86.	5.	725.297	26.931	5.	5.	15.75	84.
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	58	8.	7.847	8.6	6.2	0.258	0.508	7.13	7.8	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	58	8.	7.35	8.6	6.2	0.51	0.714	7.13	7.8	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	58	0.01	0.045	0.631	0.003	0.012	0.111	0.006	0.006	0.016	0.088
00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	24	8.1	8.075	8.3	7.9	0.015	0.122	7.9	8.	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/06/80-05/06/93	24	8.1	8.058	8.3	7.9	0.015	0.124	7.9	8.	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/80-05/06/93	24	0.008	0.009	0.013	0.005	0.	0.002	0.006	0.006	0.01	0.013
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	11	2.1	3.509	16.	1.	18.289	4.277	1.1	1.5	4.1	13.66
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	39	126.	124.974	176.	0.	588.236	24.254	116.	120.	130.	139.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	20	156.	154.4	214.	0.	1668.358	40.846	146.3	151.5	161.5	209.6
00445p	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	13	161.	160.846	178.	143.	94.641	9.728	145.	153.	168.	175.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	15	4.	4.	11.	0.5	10.643	3.262	0.5	0.5	5.	10.4
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	13	0.83	0.987	1.9	0.58	0.155	0.393	0.604	0.675	1.3	1.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	24	0.015	0.031	0.12	0.	0.001	0.036	0.003	0.006	0.045	0.095
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	25	0.01	0.017	0.09	0.	0.	0.021	0.003	0.005	0.02	0.052
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	16 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	7	0.49	0.977	3.4	0.41	1.183	1.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	35	0.35	0.429	1.2	0.1	0.09	0.3	0.1	0.2	0.67	0.946
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	29	0.4	0.393	0.68	0.18	0.017	0.129	0.2	0.3	0.48	0.62
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	35	0.4	0.443	1.1	0.2	0.043	0.206	0.26	0.3	0.5	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	11	0.	0.022	0.06	0.	0.001	0.027	0.	0.	0.06	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	37	0.01	0.014	0.05	0.	0.	0.011	0.005	0.008	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	29	0.01	0.014	0.04	0.	0.	0.01	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	27 ##	0.005	0.009	0.03	0.	0.	0.008	0.005	0.005	0.01	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	8	3.7	3.713	4.7	2.7	0.436	0.66	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	32	270.	280.281	470.	240.	2474.015	49.739	250.	250.	280.	310.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	27	150.	157.519	294.	120.	1476.952	38.431	128.	130.	168.	196.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	50	65.	67.	109.	50.	114.776	10.713	57.	61.	70.	77.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	50	24.	24.6	48.	19.	21.143	4.598	22.	22.	25.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	50	71.	71.92	161.	47.	379.83	19.489	52.	64.75	75.	81.
00931p	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	32	2.	2.053	3.2	1.7	0.097	0.311	1.83	1.9	2.1	2.2
00932p	SODIUM, PERCENT	01/11/26-03/02/83	32	37.	37.75	49.	32.	12.323	3.51	35.	36.25	38.	42.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	50	3.7	3.794	8.5	2.6	1.306	1.143	2.9	3.175	3.925	4.27
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	50	45.5	46.82	114.	26.	250.314	15.821	28.2	39.25	51.	55.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	50	222.	224.38	461.	150.	2840.281	53.294	170.	200.	240.	260.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	44	0.3	0.282	0.5	0.1	0.007	0.081	0.2	0.225	0.3	0.35
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	42	8.	8.65	25.	6.8	10.489	3.239	7.13	7.4	8.5	9.07
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	24	2.	1.5	2.	0.5	0.326	0.571	0.75	1.	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	21	2.	1.524	2.	1.	0.262	0.512	1.	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	23	94.	91.957	120.	50.	279.134	16.707	60.8	85.	100.	110.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	6 ##	0.25	1.042	5.	0.25	3.76	1.939	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	29	90.	95.862	450.	60.	4825.123	69.463	60.	70.	90.	100.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	24	1.	1.396	4.	0.5	1.217	1.103	0.5	0.5	2.	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	19 ##	0.5	1.5	10.	0.	5.194	2.279	0.5	0.5	1.	4.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	24 ##	0.5	1.083	5.	0.	2.167	1.472	0.	0.5	0.5	4.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	21	3.	4.857	18.	0.	28.504	5.339	0.	0.75	8.5	14.6
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	13 ##	1.5	1.346	1.5	0.	0.183	0.427	0.4	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	05/28/74-03/02/82	3	0.	8.167	24.5	0.	200.083	14.145	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	24	3.	3.333	8.	0.	5.254	2.292	0.5	1.	5.	6.5
01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	21	6.	7.762	24.	1.	37.79	6.147	2.	3.5	10.5	18.6
01045p	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	20	55.	88.75	440.	5.	10083.882	100.419	20.	30.	100.	248.
01046p	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	33 ##	5.	24.985	190.	1.5	2273.992	47.686	1.5	4.	20.	106.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	24 ##	1.5	2.729	28.	0.5	30.304	5.505	0.5	0.5	2.5	4.
01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	21	2.5	9.5	100.	0.5	482.725	21.971	0.5	1.	5.5	26.4
01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	21 ##	5.	13.81	120.	5.	629.762	25.095	5.	5.	10.	28.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	23 ##	2.	2.565	5.	0.5	3.984	1.996	0.5	0.5	5.	5.

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	12	2.	2.167	9.	0.	5.379	2.319	0.15	0.625	2.	7.2
01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	23 ##	0.5	0.478	1.	0.	0.034	0.183	0.2	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	8	815.	788.75	930.	630.	11869.643	108.948	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	8 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	24	7.	11.313	43.	1.5	109.322	10.456	1.5	5.	18.75	27.5
01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	21 ##	5.	17.857	70.	5.	378.929	19.466	5.	5.	30.	50.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	8	10.	10.625	20.	5.	38.839	6.232	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	8	32.	31.625	39.	24.	30.268	5.502	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	24	2.	2.396	5.	0.5	0.847	0.921	1.5	2.	3.	3.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	21	3.	2.381	6.	0.5	1.598	1.264	0.5	2.	3.	3.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	29 ##	0.5	0.741	2.	0.	0.19	0.435	0.5	0.5	1.	1.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	29 ##	-0.301	-0.156	0.301	-0.301	0.036	0.191	-0.301	-0.301	0.	0.
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.699								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	27	1.	5.093	60.	0.5	139.789	11.823	0.5	0.5	4.	16.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	27	0.	0.192	1.778	-0.301	0.352	0.594	-0.301	-0.301	0.602	1.204
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.557								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	13	133.	131.846	146.	117.	64.808	8.05	118.6	125.5	138.	143.6
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	45	536.	520.756	619.	383.	3423.734	58.513	417.4	499.	561.	580.4
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	27	528.	559.889	1040.	464.	17715.026	133.098	485.2	490.	567.	667.2
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	32	22400.	22292.194	39800.	3780.	89110446.13	9439.833	7981.	15875.	28575.	35360.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	33	0.75	0.778	1.41	0.67	0.025	0.158	0.69	0.7	0.78	0.84
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	49	65.	61.571	100.	3.	809.292	28.448	23.	40.	85.5	97.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	26	93.	88.115	100.	66.	96.746	9.836	72.4	80.25	94.25	98.6
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	24	99.	97.958	100.	94.	3.781	1.944	94.	96.25	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	20	100.	99.95	100.	99.	0.05	0.224	100.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	10	19.	21.7	42.	5.	165.567	12.867	5.2	12.25	32.5	41.8
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	22	40.5	38.591	70.	8.	332.92	18.246	10.7	23.	53.25	65.3
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	22	59.	53.5	93.	12.	576.262	24.005	16.5	32.25	72.25	86.3
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	7	2.2	4.329	15.	1.8	22.929	4.788	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	13	3.7	4.354	8.2	2.6	2.844	1.687	2.68	3.	5.7	7.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	12 ##	0.05	0.063	0.25	0.	0.004	0.061	0.015	0.05	0.05	0.19
71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	20 ##	0.05	0.065	0.25	0.05	0.002	0.046	0.05	0.05	0.05	0.1
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	145	13.	733.607	11500.	1.	4788931.976	2188.363	3.	6.	83.	1812.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	134	594.	4269.03	242000.	21.	453840285.148	21303.528	75.	214.75	2272.5	5875.

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Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	19	400.	381.421	423.	0.	8638.813	92.945	368.	400.	407.	413.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	133	8.8	9.12	16.7	2.2	4.508	2.123	7.	7.8	10.	12.2
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	146	11650.	12800.89	56600.	1010.	57375497.822	7574.662	5118.	7707.5	16450.	21360.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	106	13750.	24649.623	113000.	2450.	713327818.904	26708.198	5825.	8557.5	26175.	72420.
00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	27	10.15	9.971	13.84	7.08	3.171	1.781	7.726	8.42	11.5	11.948
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	40	0.7	5.868	200.	0.3	991.436	31.487	0.4	0.5	1.15	2.07
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	80	917.5	903.388	1700.	587.	19376.924	139.201	738.8	821.25	970.	1000.
00300p	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	48	8.6	8.631	12.8	0.	3.113	1.764	7.18	8.1	9.375	10.01
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	10	83.	78.8	109.	0.	846.622	29.097	7.9	79.75	90.5	107.6
00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	21	11.	12.238	32.	5.	56.69	7.529	5.	5.	17.5	22.6
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	77	8.	7.922	8.3	6.	0.172	0.414	7.68	7.825	8.1	8.25
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	77	8.	7.384	8.3	6.	0.465	0.682	7.68	7.825	8.1	8.25
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	77	0.01	0.041	1.	0.005	0.026	0.162	0.006	0.008	0.015	0.021
00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	32	8.1	8.119	8.5	7.8	0.02	0.142	7.93	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	11/06/80-05/06/93	32	8.1	8.097	8.5	7.8	0.021	0.144	7.93	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/80-05/06/93	32	0.008	0.008	0.016	0.003	0.	0.003	0.005	0.006	0.01	0.012

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Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	28	2.75	3.564	12.	1.3	5.096	2.258	2.2	2.7	3.575	7.24
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	62	137.5	135.452	340.	0.	1428.317	37.793	120.	129.75	140.	149.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	40	170.	155.075	221.	0.	2940.687	54.228	14.	162.5	175.75	187.4
00445p	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	18	170.	167.5	182.	145.	95.794	9.787	153.1	160.	174.5	178.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	20	3.	3.675	10.	0.5	9.823	3.134	0.5	1.	6.75	8.9
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	21	0.91	0.927	1.5	0.49	0.048	0.218	0.698	0.795	0.995	1.28
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	32	0.02	0.031	0.11	0.005	0.001	0.03	0.005	0.006	0.04	0.087
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	33	0.02	0.021	0.07	0.	0.	0.018	0.005	0.005	0.03	0.052
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	27 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	13	0.54	0.648	1.9	0.18	0.162	0.403	0.296	0.495	0.67	1.464
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	51	0.3	0.343	1.	0.1	0.048	0.219	0.1	0.2	0.42	0.68
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	42	0.43	0.458	0.68	0.2	0.01	0.101	0.327	0.4	0.55	0.587
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	51	0.4	0.467	0.8	0.1	0.019	0.14	0.3	0.4	0.5	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	23	0.03	0.196	2.5	0.	0.294	0.542	0.	0.	0.06	0.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	52	0.01	0.02	0.23	0.005	0.001	0.032	0.005	0.005	0.02	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	39	0.01	0.015	0.08	0.005	0.	0.016	0.005	0.005	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	44 ##	0.005	0.034	0.8	0.	0.016	0.127	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	7	3.2	3.4	5.1	1.	1.847	1.359	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	49	300.	308.184	504.	208.	2181.486	46.706	276.	290.	324.	350.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	45	160.	170.911	324.	75.	1542.356	39.273	136.	150.	186.	204.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	76	73.	73.882	123.	56.	109.066	10.443	62.	66.5	79.	86.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	76	27.	27.092	48.	15.	20.591	4.538	23.	25.	28.	30.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	74	80.	80.838	181.	43.	339.919	18.437	60.5	72.	88.	95.
00931p	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	47	2.1	2.168	3.5	1.3	0.106	0.326	1.9	2.	2.2	2.32
00932p	SODIUM, PERCENT	01/11/26-03/02/83	47	37.	37.766	45.	35.	4.574	2.139	36.	36.	39.	40.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	73	3.8	3.823	7.4	2.5	0.608	0.78	3.	3.45	4.1	4.46
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	76	57.5	57.934	187.	23.	401.369	20.034	38.7	47.	65.	70.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	75	250.	247.467	437.	154.	2362.712	48.608	190.	220.	270.	287.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	62	0.3	0.349	1.9	0.05	0.066	0.256	0.2	0.3	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	62	8.1	8.56	16.	6.7	2.659	1.631	7.3	7.7	9.	9.94
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	37	1.	1.73	19.	0.5	8.842	2.973	0.5	1.	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	32	1.	1.563	6.	0.5	1.19	1.091	0.5	1.	2.	3.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	34	88.	91.118	200.	50.	682.228	26.119	62.	79.5	100.	120.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	15 ##	0.25	0.3	1.	0.25	0.037	0.194	0.25	0.25	0.25	0.55
01020p	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	40	90.	91.5	130.	0.	377.179	19.421	80.	82.5	100.	110.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	37 ##	0.5	3.797	53.	0.	98.506	9.925	0.5	0.5	2.	9.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	33 ##	1.	6.379	100.	0.	313.391	17.703	0.5	0.5	5.	11.2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	36 ##	0.5	1.069	10.	0.	3.716	1.928	0.	0.5	0.875	3.25
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	32	1.5	3.094	10.	0.	11.652	3.414	0.	0.125	5.75	9.7
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	29 ##	1.5	1.19	1.5	0.	0.329	0.573	0.	1.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	05/28/74-03/02/82	9	0.	8.444	25.	0.	148.465	12.185	0.	0.	24.5	25.
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	36	4.	4.264	22.	0.5	14.293	3.781	0.85	2.	5.75	7.
01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	32	10.	11.688	52.	0.5	126.851	11.263	1.	3.	15.75	23.1
01045p	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	31	50.	77.742	850.	5.	22029.731	148.424	12.	20.	90.	128.
01046p	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	49	5.	23.816	220.	1.5	2666.111	51.634	1.5	4.	16.	110.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	36 ##	2.5	4.333	51.	0.	77.929	8.828	0.5	0.5	4.5	9.8
01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	33	3.	13.818	100.	0.	802.185	28.323	0.5	2.25	9.	72.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	32 ##	5.	9.531	30.	5.	71.547	8.459	5.	5.	10.	30.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	37 ##	1.	1.892	8.	0.5	4.196	2.048	0.5	0.5	3.5	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	19 ##	5.	5.263	10.	5.	1.316	1.147	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	22	2.	1.841	5.	0.	1.676	1.295	0.15	0.875	3.	3.7
01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	33 ##	0.5	0.47	2.	0.	0.124	0.352	0.	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	18	855.	827.778	1000.	630.	13006.536	114.046	675.	717.5	920.	973.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	19 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	37	10.	14.973	200.	1.5	1026.11	32.033	1.5	5.	16.5	20.
01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	32	10.	26.719	310.	5.	2904.209	53.891	5.	5.	27.5	54.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	19 ##	5.	10.526	30.	5.	58.041	7.618	5.	5.	20.	20.

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	19	34.	34.158	42.	25.	26.251	5.124	25.	31.	39.	42.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	37	3.	2.757	5.	0.5	0.731	0.855	2.	2.	3.	4.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	33	3.	3.03	5.	2.	0.53	0.728	2.	3.	3.	4.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	45 ##	0.5	1.444	36.	0.5	27.878	5.28	0.5	0.5	0.75	1.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	45 ##	-0.301	-0.179	1.556	-0.301	0.096	0.31	-0.301	-0.301	-0.151	0.
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.661								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	44	1.	9.773	320.	0.5	2302.284	47.982	0.5	0.5	3.75	8.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	44	0.	0.205	2.505	-0.301	0.32	0.566	-0.301	-0.301	0.571	0.929
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.604								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	18	139.	137.278	149.	119.	64.212	8.013	125.3	131.25	143.25	146.3
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	68	599.5	594.794	1110.	368.	10266.942	101.326	469.8	528.	647.	694.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	39	586.	617.462	1110.	484.	13245.255	115.088	552.	566.	620.	655.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	49	20590.	20948.163	56240.	5610.	113798661.139	10667.646	6350.	12900.	27050.	35500.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	49	0.86	0.864	1.51	0.5	0.024	0.156	0.74	0.795	0.905	0.96
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	72	61.	60.958	100.	12.	400.688	20.017	34.3	47.	75.	87.4
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	36	80.5	81.306	99.	57.	104.79	10.237	69.7	72.25	89.5	98.3
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	36	96.	94.889	100.	63.	37.073	6.089	91.	93.	98.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	32	100.	99.813	100.	96.	0.544	0.738	99.3	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	15	3.	11.133	38.	1.	146.981	12.124	1.6	2.	23.	31.4
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	40	25.	23.25	55.	2.	194.244	13.937	2.	14.5	32.	39.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	40	39.	34.725	78.	2.	429.333	20.72	2.1	22.5	46.	60.5
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	13	2.4	2.877	8.4	0.8	3.167	1.78	1.32	2.2	3.	6.48
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	21	4.	4.1	6.5	2.2	0.913	0.956	3.12	3.5	4.4	5.72
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	29 ##	0.05	0.122	1.	0.	0.035	0.188	0.05	0.05	0.15	0.25
71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	28 ##	0.05	0.118	1.1	0.05	0.041	0.202	0.05	0.05	0.1	0.25
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	205	22.	1073.271	12800.	1.	5506018.202	2346.491	3.6	7.	261.	3838.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	178	975.	11634.781	299000.	17.	1524256489.411	39041.728	68.9	242.75	4900.	13300.

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Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/06/85-05/06/93	7	400.	404.286	410.	400.	28.571	5.345	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/59-09/07/93	54	10.25	12.446	27.2	7.5	19.178	4.379	8.25	9.	16.175	18.6
00060p	FLOW, STREAM, MEAN DAILY CFS	01/11/26-09/18/78	71	14900.	15413.239	77500.	1020.	131257116.499	11456.75	6494.	9020.	17600.	20180.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/07/93	59	21100.	32623.39	115000.	2580.	950522615.897	30830.547	6550.	12000.	41100.	92800.
00065	STAGE, STREAM (FEET)	11/02/82-09/07/93	11	10.16	10.202	14.19	7.07	4.165	2.041	7.306	8.47	11.27	13.776
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/78-05/06/93	17	0.9	0.918	1.8	0.2	0.235	0.485	0.2	0.55	1.35	1.56
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/42-09/07/93	35	885.	888.086	1630.	607.	24265.963	155.775	697.	840.	930.	943.8
00300p	OXYGEN, DISSOLVED MG/L	07/30/69-09/07/93	19	8.2	8.489	11.4	6.6	1.387	1.178	7.1	7.7	9.4	9.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/29/70-04/12/89	3	88.	87.	92.	81.	31.	5.568	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/04/85-05/06/93	9	13.	13.667	26.	5.	63.25	7.953	5.	5.	21.	26.
00400p	PH (STANDARD UNITS)	10/12/47-09/07/93	35	7.98	7.862	8.4	6.	0.204	0.452	7.18	7.8	8.1	8.208
00400p	CONVERTED PH (STANDARD UNITS)	10/12/47-09/07/93	35	7.98	7.341	8.4	6.	0.483	0.695	7.18	7.8	8.1	8.208
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/47-09/07/93	35	0.01	0.046	1.	0.004	0.028	0.168	0.006	0.008	0.016	0.07
00403	PH, LAB, STANDARD UNITS SU	11/06/80-05/06/93	13	8.1	8.085	8.2	7.9	0.013	0.114	7.9	8.	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/06/80-05/06/93	13	8.1	8.07	8.2	7.9	0.013	0.115	7.9	8.	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/80-05/06/93	13	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.013
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/31/55-05/03/78	13	3.2	4.415	19.	1.	22.031	4.694	1.28	2.1	4.95	14.08
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/26-02/07/90	30	133.	127.267	197.	0.	865.72	29.423	103.	128.75	137.5	140.9
00440p	BICARBONATE ION (MG/L AS HCO3)	01/11/26-09/23/87	21	162.	150.952	240.	0.	1803.348	42.466	118.8	136.	166.5	169.8
00445p	CARBONATE ION (MG/L AS CO3)	06/01/64-07/09/91	15	0.	1.	15.	0.	15.	3.873	0.	0.	0.	6.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/24/86-09/07/93	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/24/86-09/07/93	8	172.	171.75	179.	162.	37.929	6.159	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/85-05/06/93	9	5.	7.889	36.	0.5	124.299	11.149	0.5	0.75	9.	36.
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/74-09/02/81	9	0.92	0.98	1.5	0.75	0.05	0.223	0.75	0.83	1.05	1.5

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Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0004

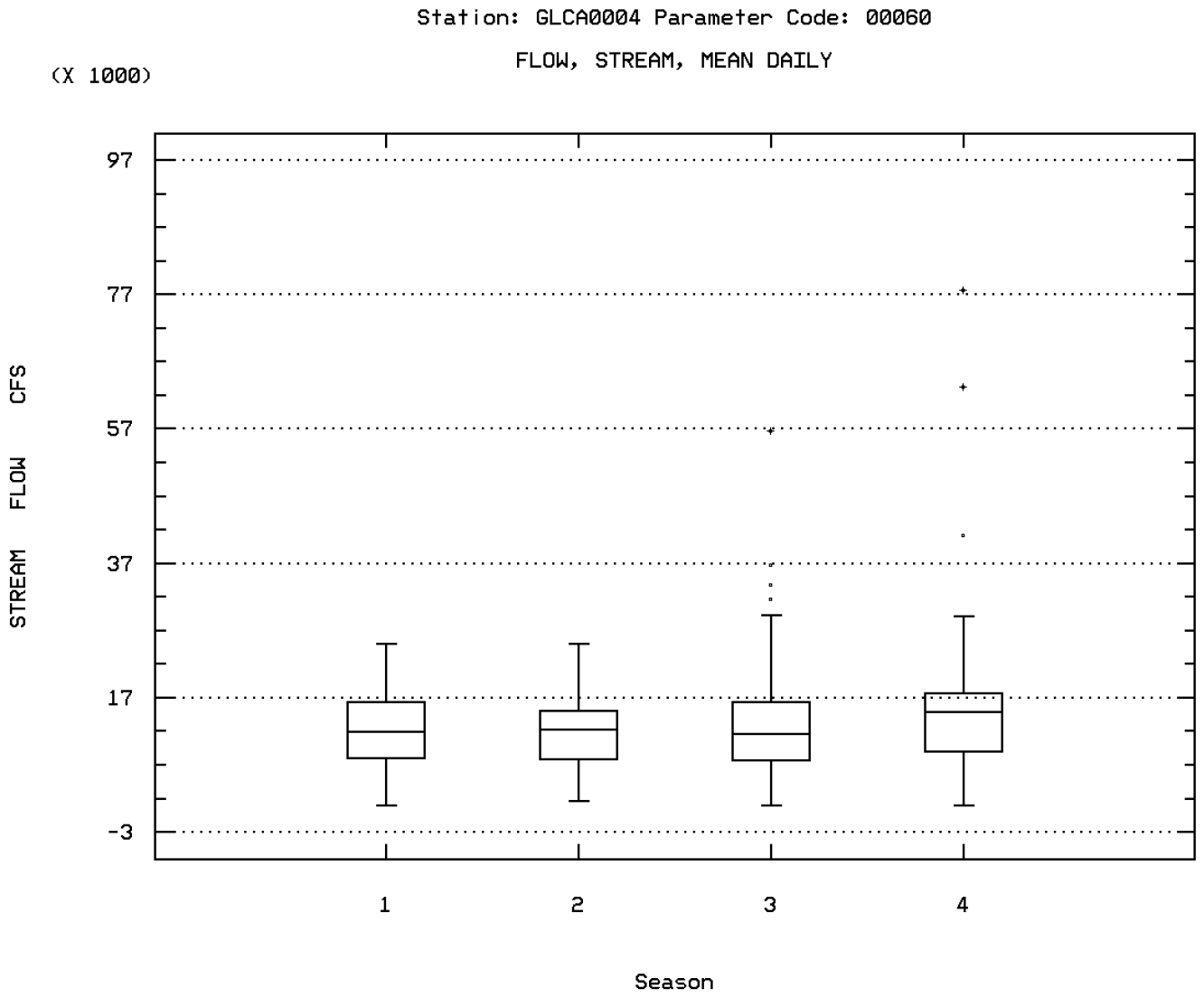
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-05/06/93	10	0.03	0.047	0.12	0.005	0.002	0.043	0.005	0.009	0.087	0.119
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-12/18/92	15	0.02	0.025	0.09	0.005	0.001	0.023	0.005	0.01	0.03	0.066
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/10/73-05/06/93	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/11/26-05/30/75	7	0.47	0.344	0.55	0.11	0.045	0.211	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/74-05/06/93	20	0.4	0.452	0.94	0.1	0.056	0.236	0.191	0.3	0.625	0.89
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/70-12/18/92	19	0.41	0.446	0.59	0.3	0.006	0.077	0.37	0.4	0.51	0.57
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/01/70-05/06/93	19	0.5	0.484	0.9	0.3	0.017	0.13	0.4	0.4	0.5	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/70-03/02/83	12	0.03	0.048	0.3	0.	0.007	0.084	0.	0.	0.053	0.237
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/74-05/06/93	20	0.02	0.024	0.1	0.005	0.001	0.025	0.005	0.006	0.028	0.069
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/77-05/06/93	13	0.01	0.017	0.05	0.005	0.	0.011	0.007	0.01	0.02	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/71-05/06/93	17	0.005	0.008	0.03	0.	0.	0.007	0.	0.005	0.01	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/74-10/10/89	5	3.3	4.56	8.	2.7	4.953	2.226	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/26-03/02/83	25	290.	294.2	643.	156.	6709.333	81.911	213.2	270.	304.	323.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/26-03/02/83	24	150.	161.875	446.	42.	4576.201	67.648	108.	150.	169.25	189.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/26-05/06/93	36	71.	73.167	172.	46.	346.086	18.603	59.4	66.5	75.	78.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/26-05/06/93	36	25.	25.444	52.	10.	36.711	6.059	19.5	24.	27.75	29.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/11/26-05/06/93	34	75.5	73.618	89.	50.	115.94	10.768	51.	72.75	80.5	85.
00931p	SODIUM ADSORPTION RATIO	01/11/26-03/02/83	24	2.	1.983	2.6	1.5	0.054	0.233	1.65	1.9	2.	2.35
00932p	SODIUM, PERCENT	01/11/26-03/02/83	25	36.	35.72	40.	26.	6.127	2.475	33.6	35.	37.	38.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/26-05/06/93	34	3.7	3.588	4.4	2.1	0.315	0.561	2.9	3.2	4.	4.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/11/26-05/06/93	36	52.	50.167	88.	12.	174.429	13.207	30.7	46.25	56.	62.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/11/26-05/06/93	37	240.	238.162	621.	76.	5724.862	75.663	170.	220.	258.	270.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/42-05/06/93	28	0.3	0.318	0.6	0.1	0.011	0.106	0.2	0.3	0.4	0.5
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/11/26-05/06/93	27	8.4	9.67	34.	6.6	28.8	5.367	7.14	7.6	8.9	14.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/74-05/06/93	11	2.	1.545	2.	1.	0.273	0.522	1.	1.	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/28/74-05/06/93	11	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/02/78-05/06/93	11	92.	92.364	130.	50.	412.855	20.319	55.2	81.	100.	126.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/02/82-09/06/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	08/01/28-05/06/93	17	90.	91.765	120.	60.	190.441	13.8	68.	85.	100.	104.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/74-05/06/93	10	1.	1.95	6.	0.5	3.414	1.848	0.5	0.5	3.25	5.8
01027	CADMIUM, TOTAL (UG/L AS CD)	05/28/74-05/06/93	9 ##	0.5	1.5	5.	0.5	2.5	1.581	0.5	0.5	2.5	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/74-05/06/93	11 ##	0.5	1.227	5.	0.5	2.118	1.455	0.5	0.5	1.	4.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/28/74-05/06/93	11	3.	5.909	25.	0.5	59.441	7.71	0.5	1.	6.	23.2
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/74-05/06/93	4 ##	1.5	1.25	1.5	0.5	0.25	0.5	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/74-05/06/93	11	7.	9.318	27.	0.5	68.114	8.253	0.6	3.	13.	25.8
01042	COPPER, TOTAL (UG/L AS CU)	05/28/74-05/06/93	11	14.	23.455	75.	1.	496.473	22.282	1.6	4.	40.	68.4
01045p	IRON, TOTAL (UG/L AS FE)	10/12/47-05/06/93	9	50.	317.222	1800.	5.	365156.944	604.282	5.	15.	440.	1800.
01046p	IRON, DISSOLVED (UG/L AS FE)	01/11/26-05/06/93	18	7.5	92.806	1000.	1.5	65179.033	255.302	3.75	5.	20.	559.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/74-05/06/93	11 ##	2.5	2.773	9.	0.5	6.418	2.533	0.5	0.5	4.	8.2
01051	LEAD, TOTAL (UG/L AS PB)	05/28/74-05/06/93	11	3.	5.227	17.	0.5	28.018	5.293	0.5	0.5	10.	15.6
01055	MANGANESE, TOTAL (UG/L AS MN)	05/28/74-05/06/93	11	10.	24.091	120.	5.	1194.091	34.556	5.	5.	20.	106.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/74-05/06/93	11 ##	2.	2.682	6.	0.5	4.764	2.183	0.5	0.5	5.	5.8
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/02/82-05/06/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/15/79-05/06/93	4	2.5	2.75	5.	1.	4.25	2.062	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/02/78-05/06/93	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/02/82-05/06/93	3	640.	713.333	880.	620.	20933.333	144.684	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/02/82-05/06/93	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/74-05/06/93	11	10.	15.773	51.	1.5	247.768	15.741	2.	5.	20.	48.8
01092	ZINC, TOTAL (UG/L AS ZN)	05/28/74-05/06/93	11	20.	26.818	130.	5.	1351.364	36.761	5.	5.	40.	112.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/02/82-05/06/93	3	30.	21.667	30.	5.	208.333	14.434	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/02/82-05/06/93	3	26.	28.333	34.	25.	24.333	4.933	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/74-05/06/93	11	3.	2.545	3.	2.	0.273	0.522	2.	2.	3.	3.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/28/74-05/06/93	11	3.	2.409	3.	0.5	0.841	0.917	0.6	2.	3.	3.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	16 ##	0.75	1.063	3.	0.5	0.596	0.772	0.5	0.5	1.75	2.3
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/03/77-03/12/93	16 ##	-0.151	-0.064	0.477	-0.301	0.077	0.278	-0.301	-0.301	0.226	0.354
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.862								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	16	3.	35.563	340.	0.5	7419.963	86.139	0.5	1.	27.5	172.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/03/77-03/12/93	16	0.452	0.651	2.531	-0.301	0.754	0.868	-0.301	0.	1.333	2.159
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4.475								

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

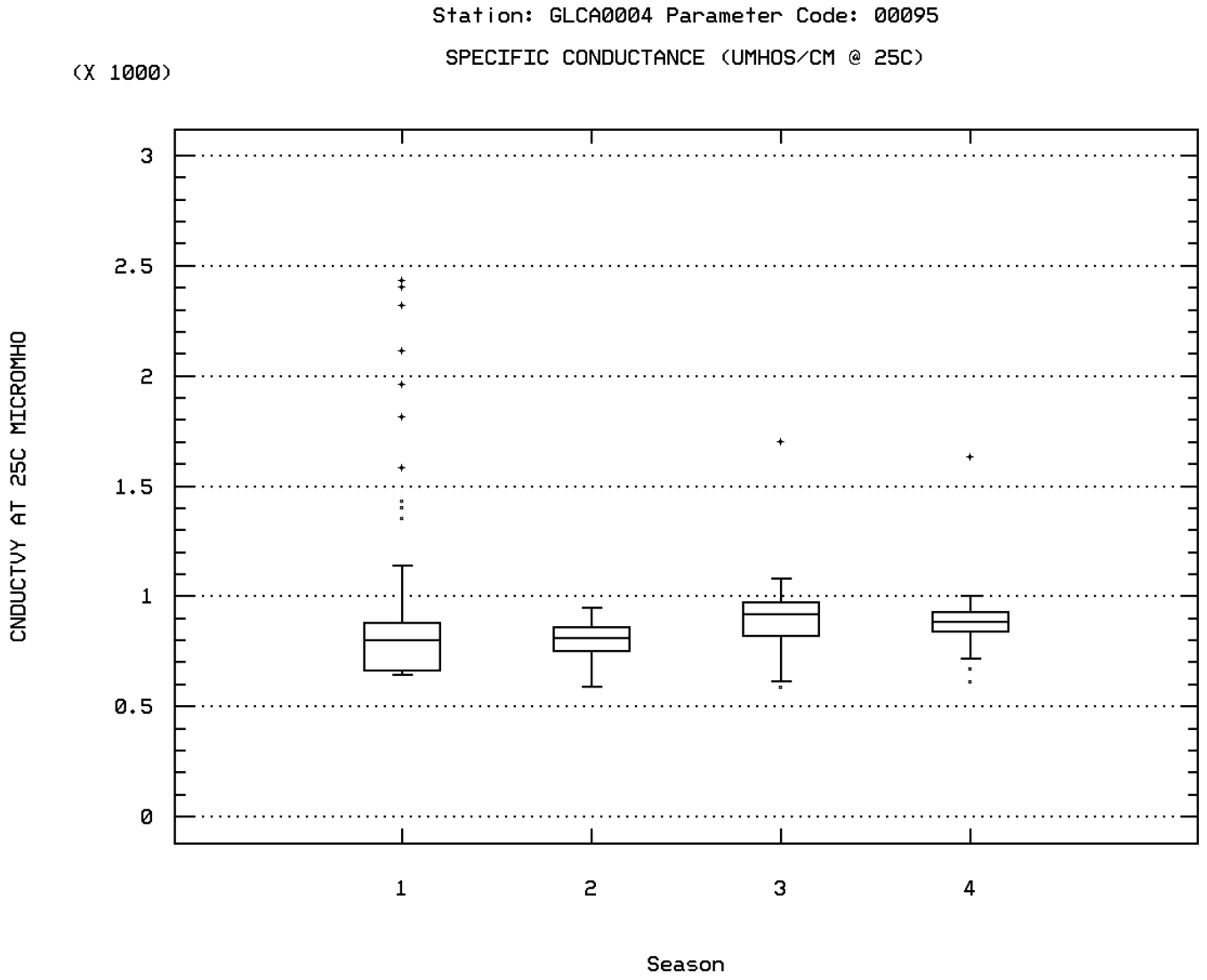
Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/24/86-09/07/93	8	141.	140.75	147.	133.	26.214	5.12	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-05/06/93	31	591.	601.161	1220.	428.	16487.073	128.402	474.6	563.	623.	645.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/26-03/02/83	20	554.5	533.65	632.	238.	7660.766	87.526	418.2	533.	580.5	620.4
70302p	SOLIDS, DISSOLVED-TONS PER DAY	01/11/26-03/02/83	25	24200.	23644.404	53800.	5550.	142529291.13	11938.563	9404.	12800.	33050.	37840.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/26-03/02/83	25	0.82	0.812	1.66	0.32	0.046	0.215	0.57	0.77	0.85	0.884
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/02/51-09/06/91	37	56.	55.838	99.	11.	381.806	19.54	32.6	41.5	65.5	87.2
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/02/51-08/12/65	25	71.	73.2	100.	53.	152.	12.329	59.6	63.	82.5	95.4
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/02/51-08/12/65	24	92.5	92.333	100.	82.	27.101	5.206	83.5	88.25	97.	99.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/02/51-01/01/63	22	100.	99.864	100.	99.	0.123	0.351	99.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/02/51-04/10/65	9	20.	17.222	28.	3.	79.694	8.927	3.	8.5	25.5	28.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/01/51-04/10/65	23	15.	20.478	47.	4.	150.897	12.284	9.	10.	31.	42.6
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/01/51-04/10/65	23	28.	32.348	70.	5.	327.783	18.105	16.4	19.	47.	65.2
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/26-05/30/75	7	2.1	1.529	2.4	0.5	0.876	0.936	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/74-09/02/81	9	4.1	4.378	6.7	3.3	1.042	1.021	3.3	3.65	4.75	6.7
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/74-05/06/93	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/28/74-05/06/93	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/01/51-09/06/91	101	15.	633.198	5440.	0.	1498900.88	1224.296	3.	8.	695.5	2722.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/51-11/02/82	87	533.	2735.425	112000.	24.	145963659.502	12081.542	96.8	231.	2220.	4226.

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



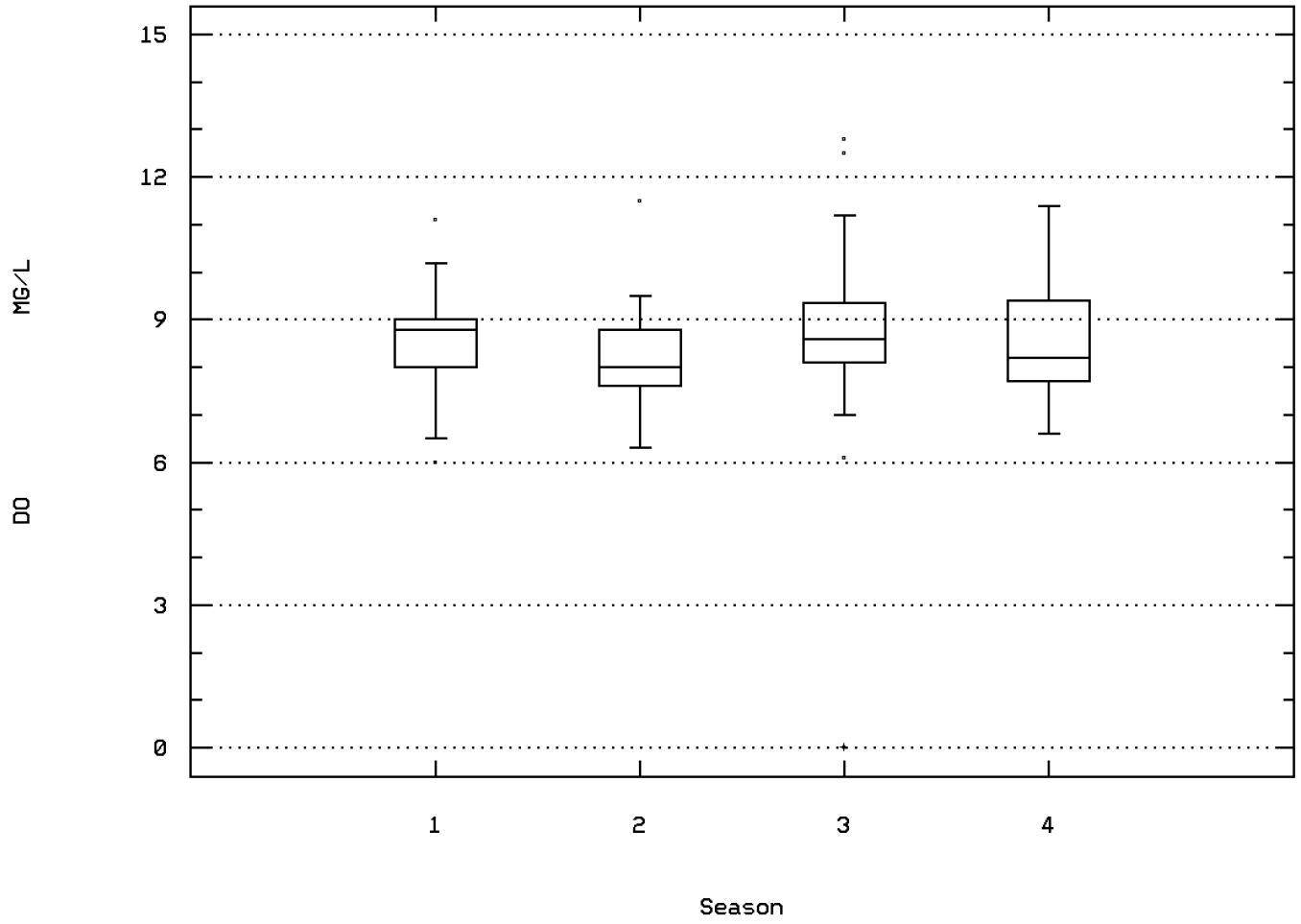
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00300

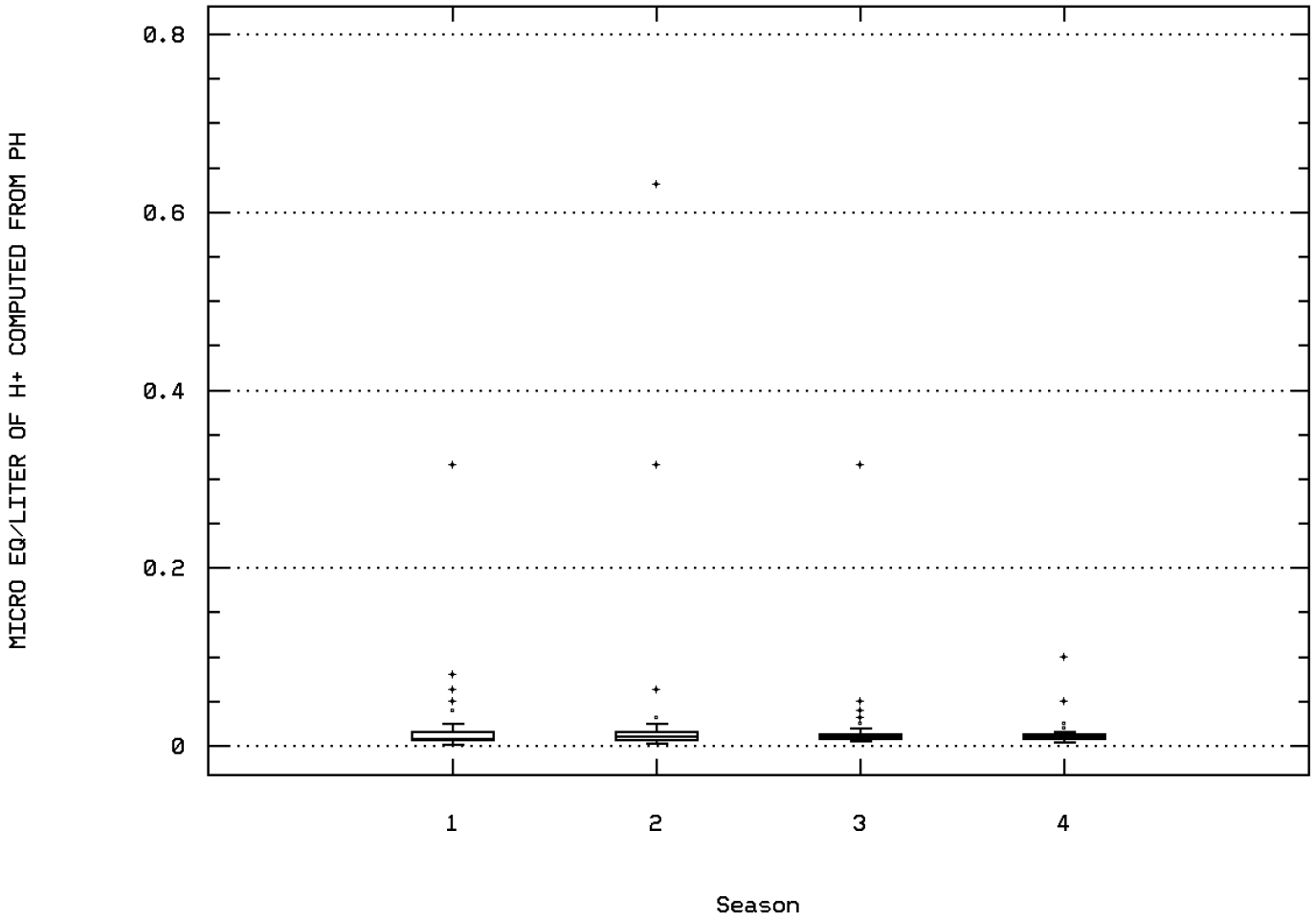
OXYGEN, DISSOLVED



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00400

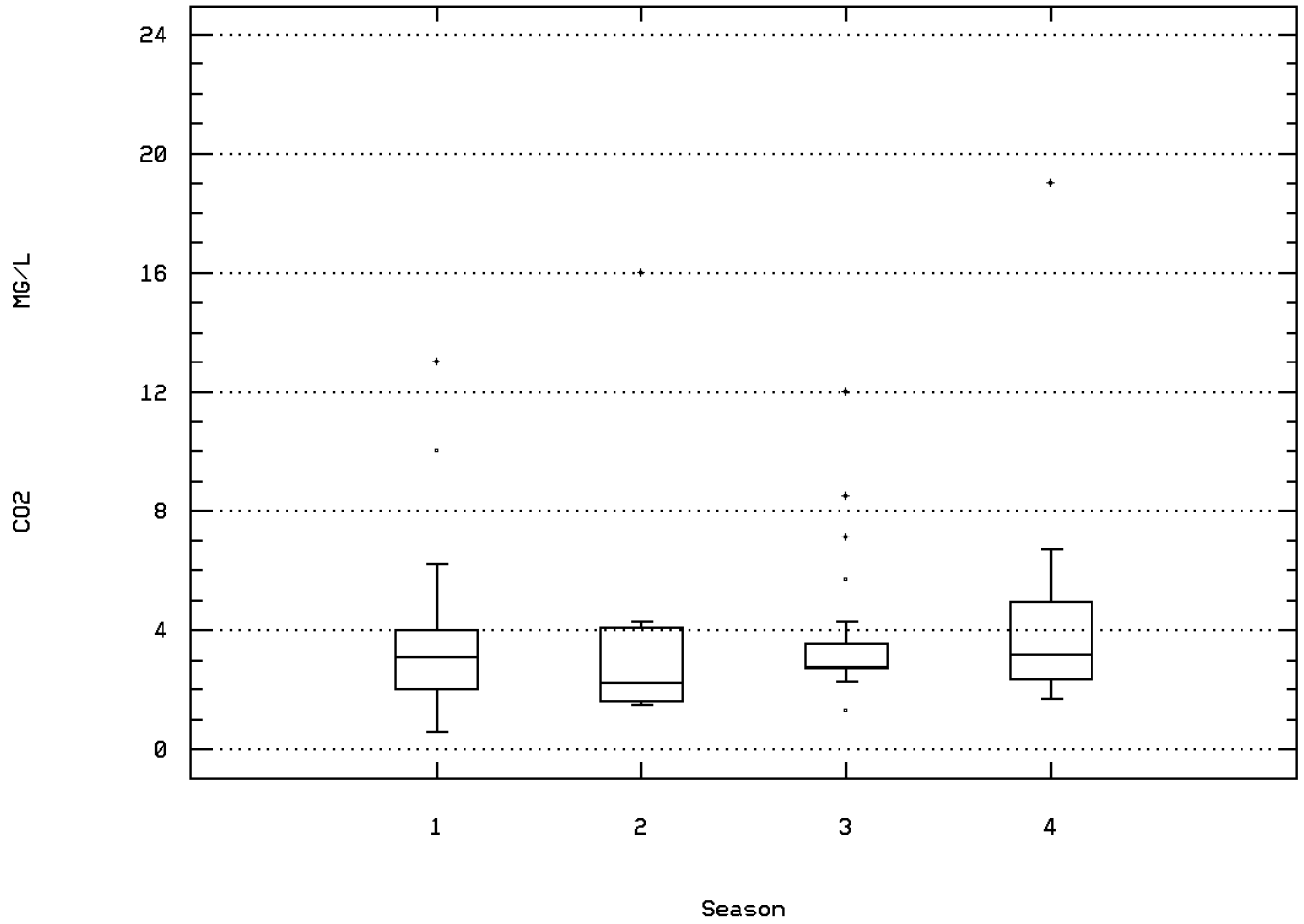
MICRO EQ/LITER OF H+ COMPUTED FROM PH



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00405

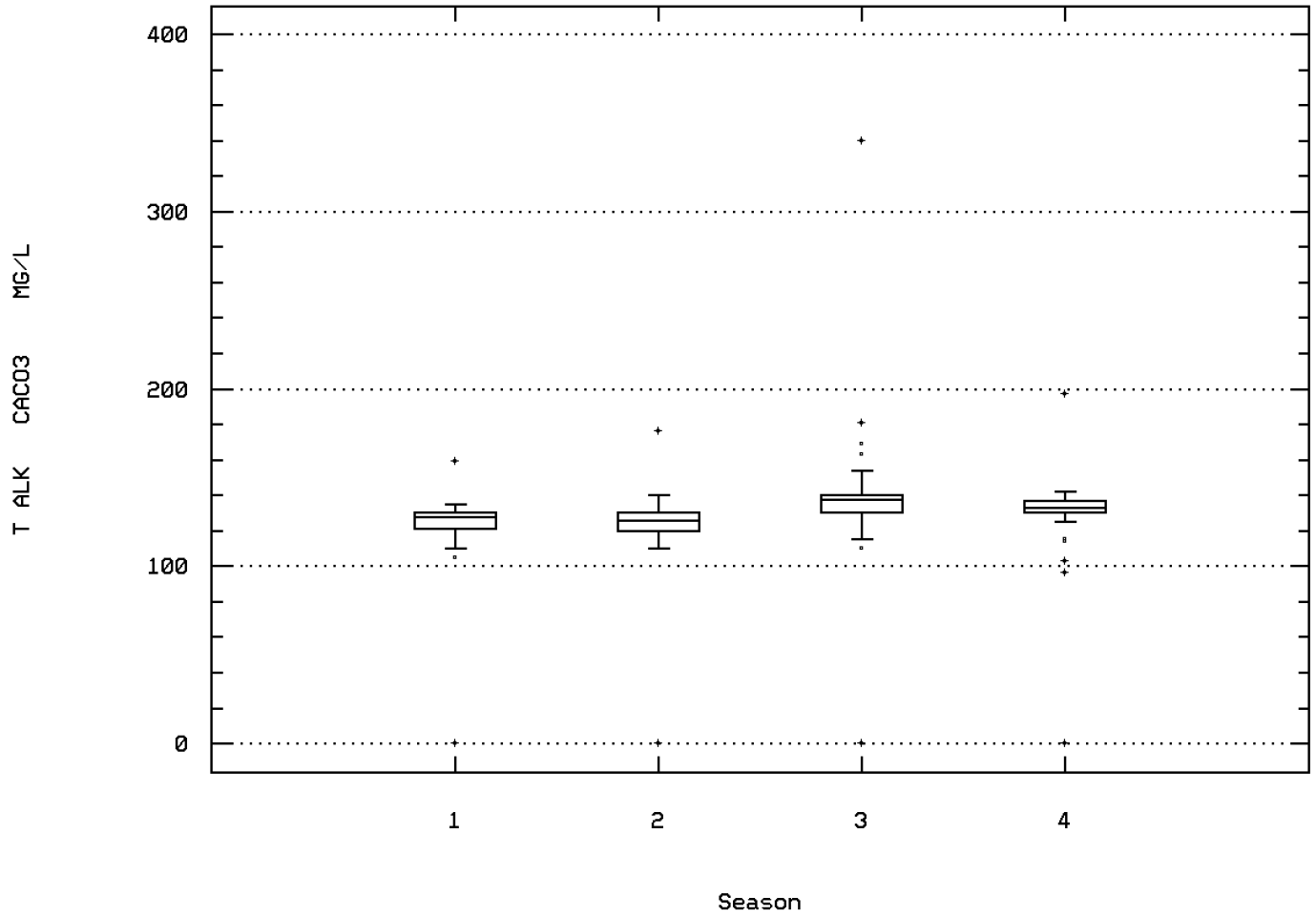
CARBON DIOXIDE (MG/L AS CO2)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00410

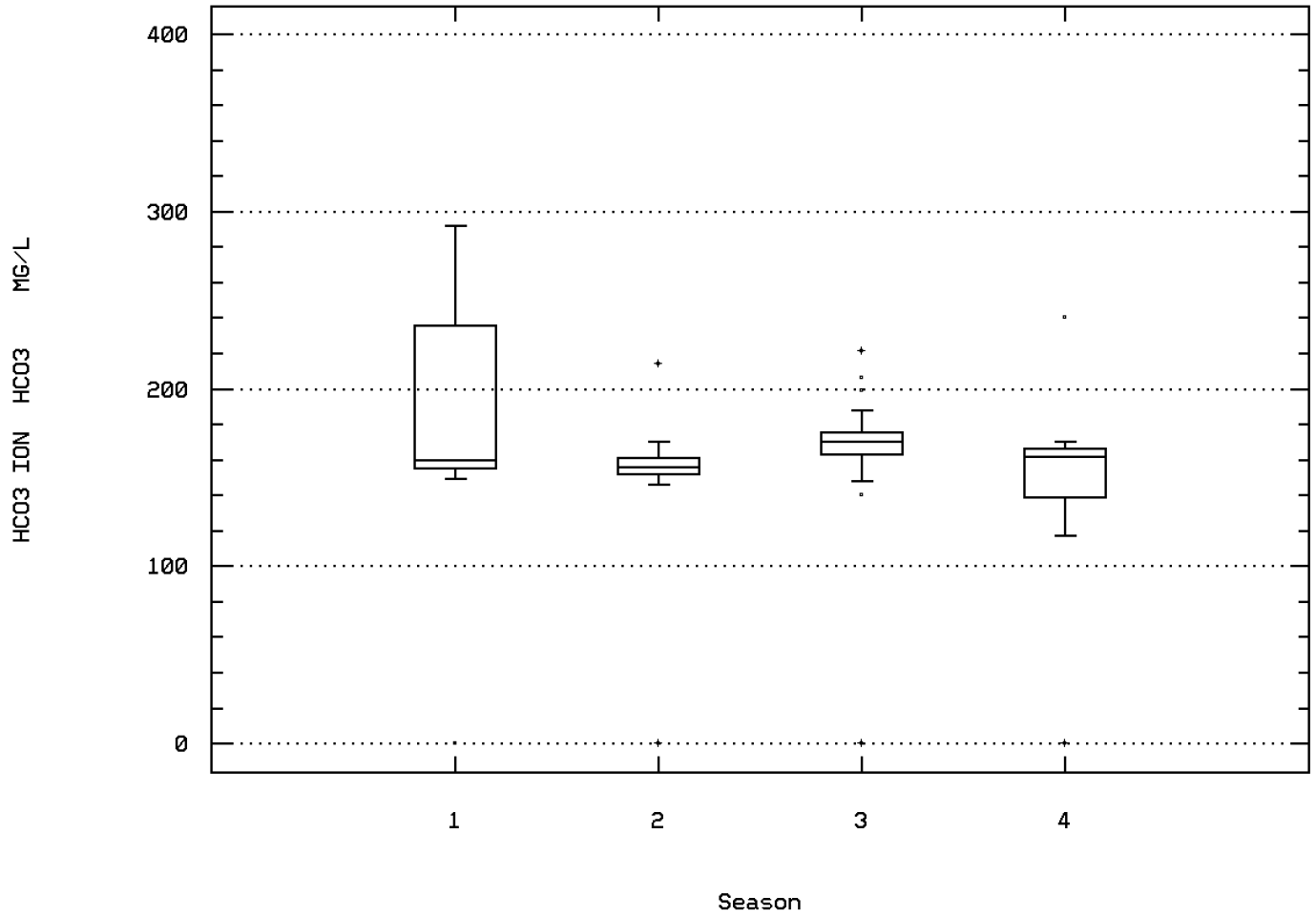
ALKALINITY, TOTAL (MG/L AS CACO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00440

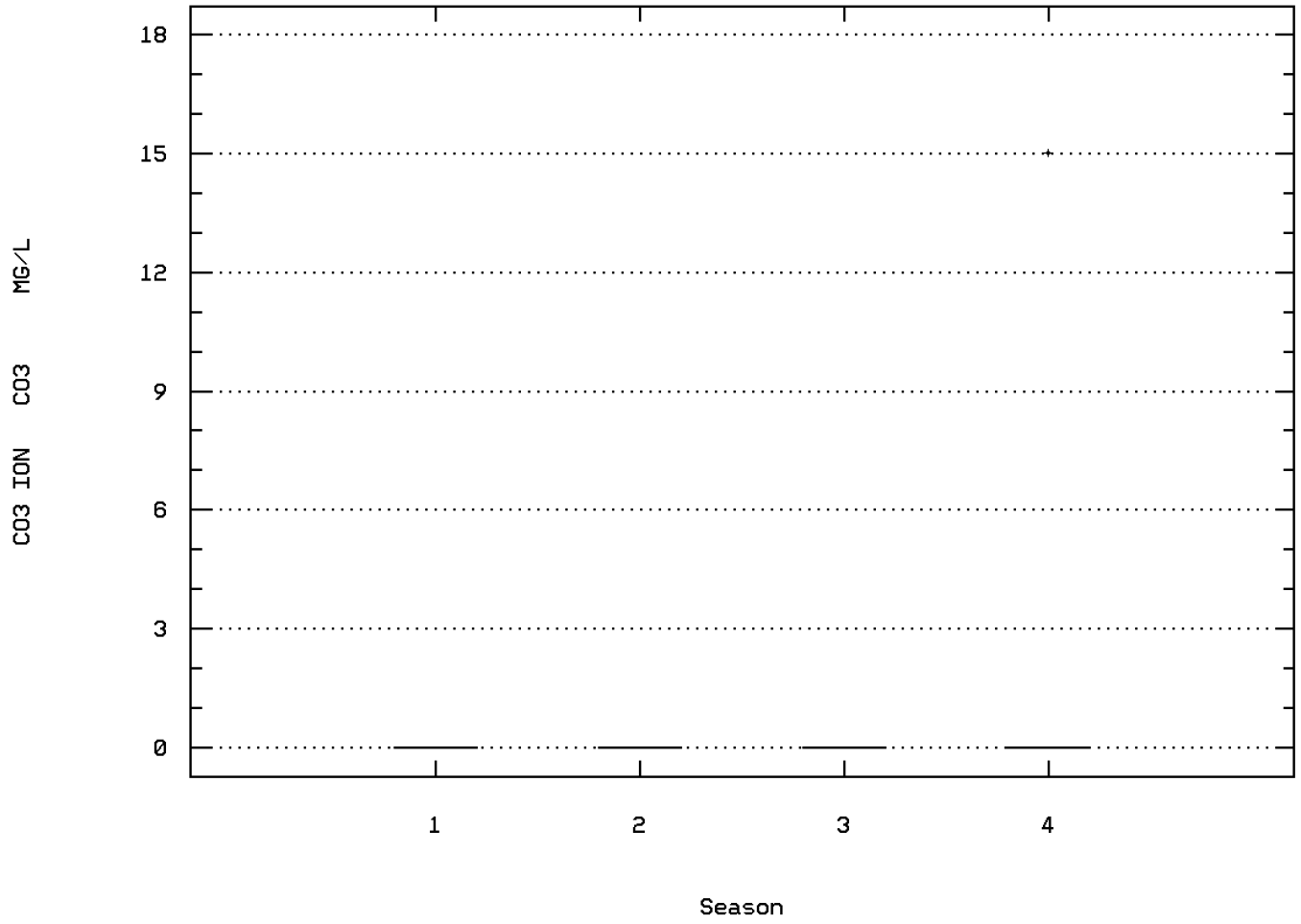
BICARBONATE ION (MG/L AS HCO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00445

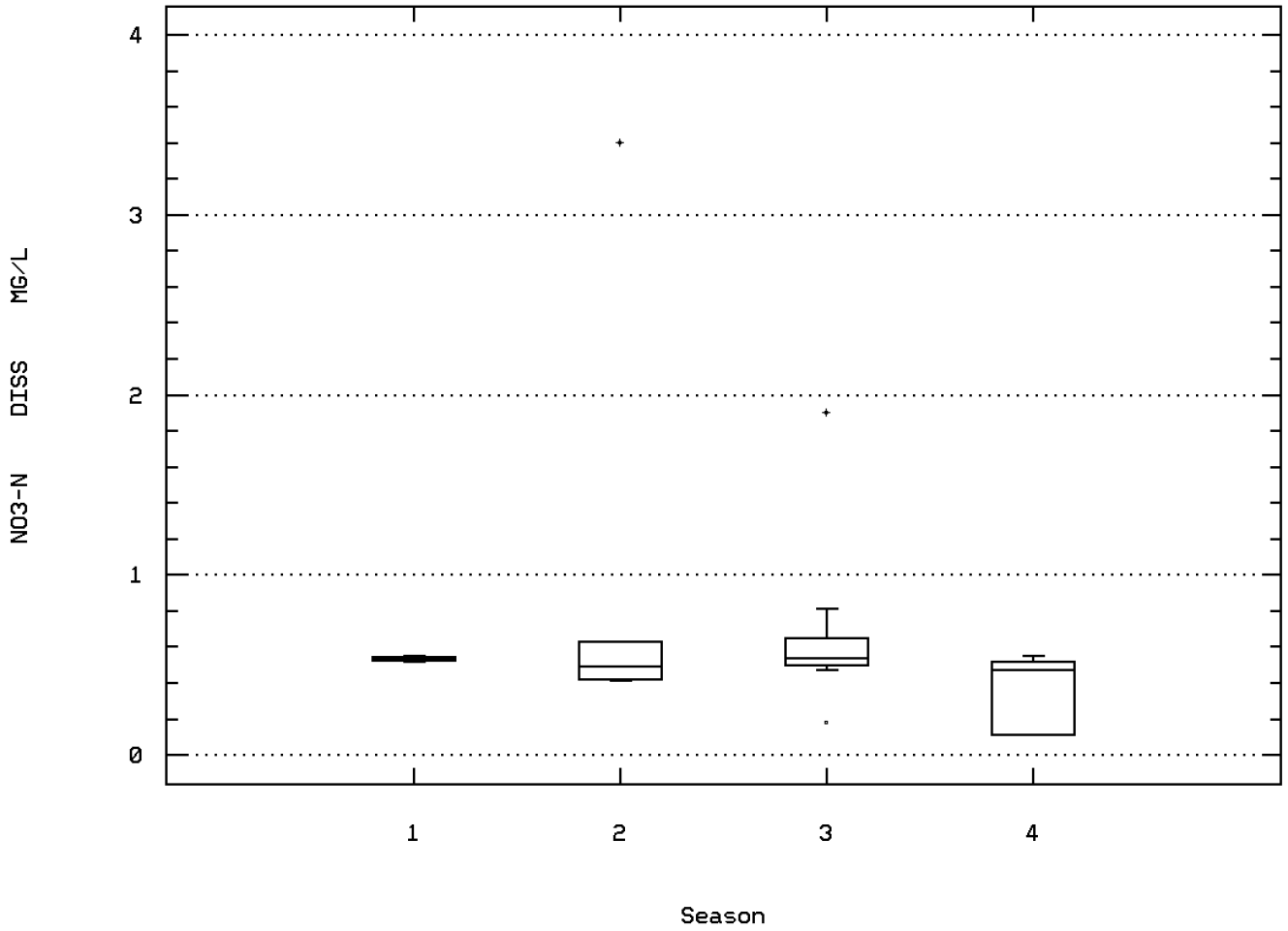
CARBONATE ION (MG/L AS CO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00618

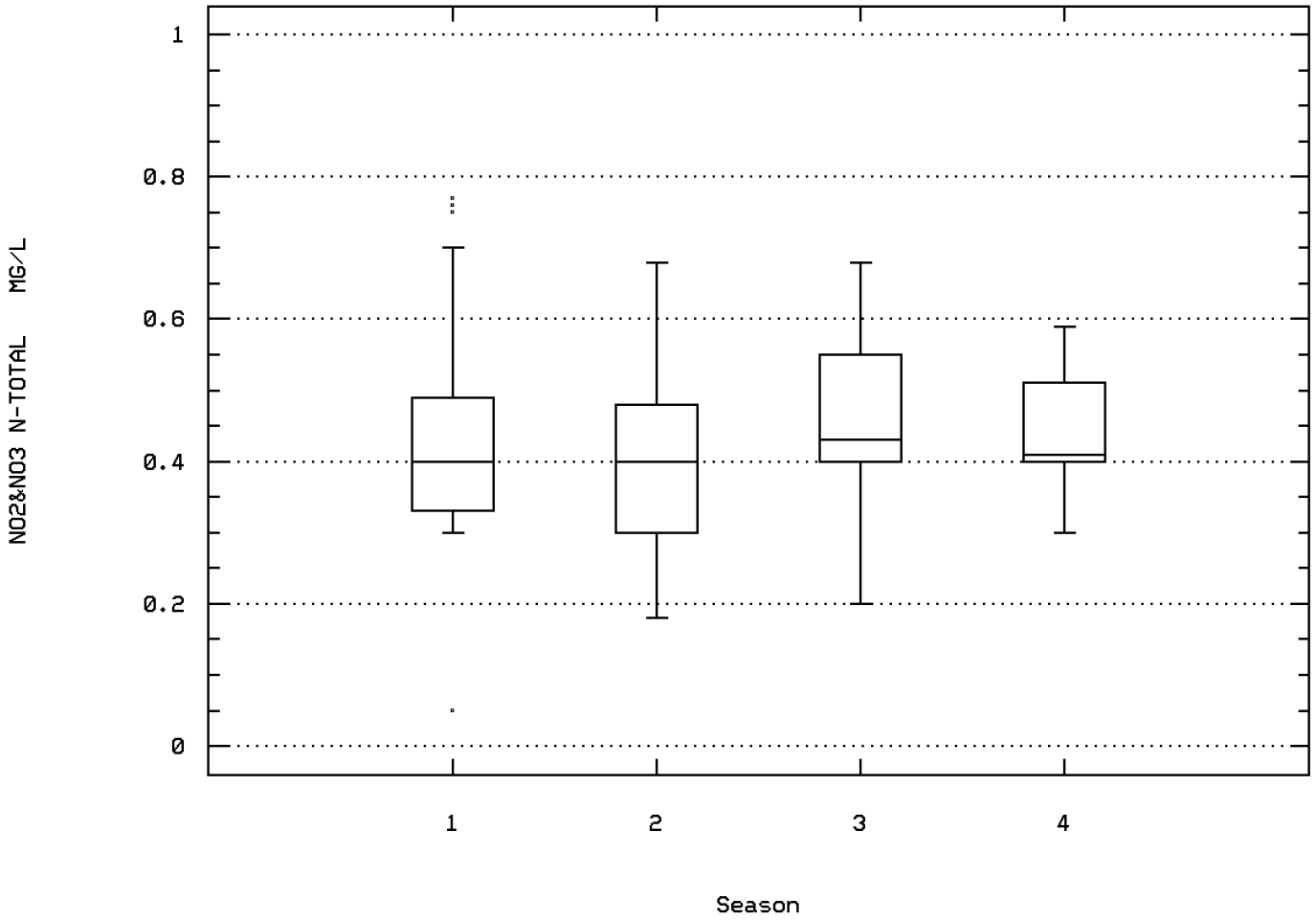
NITRATE NITROGEN, DISSOLVED (MG/L AS N)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00630

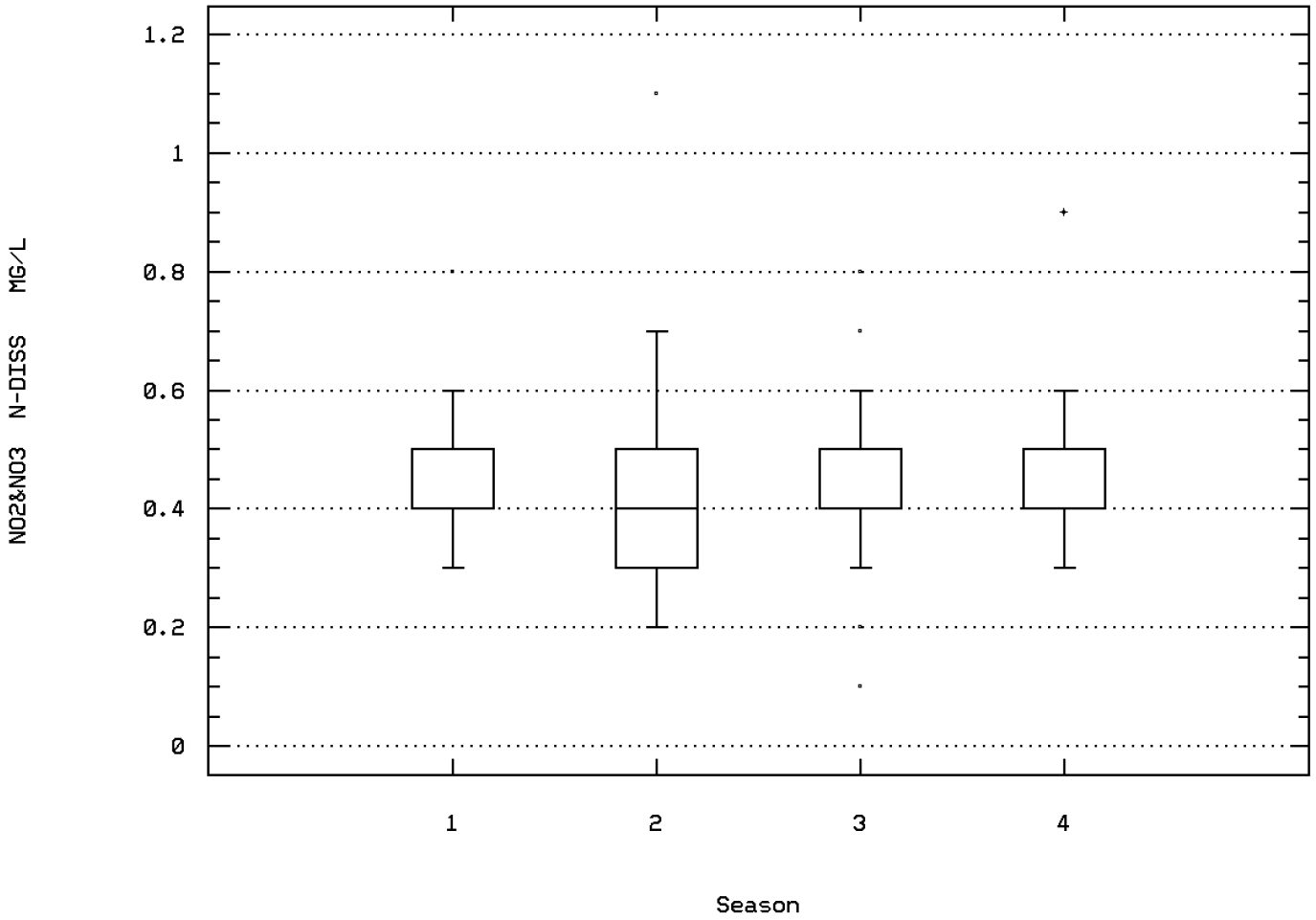
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00631

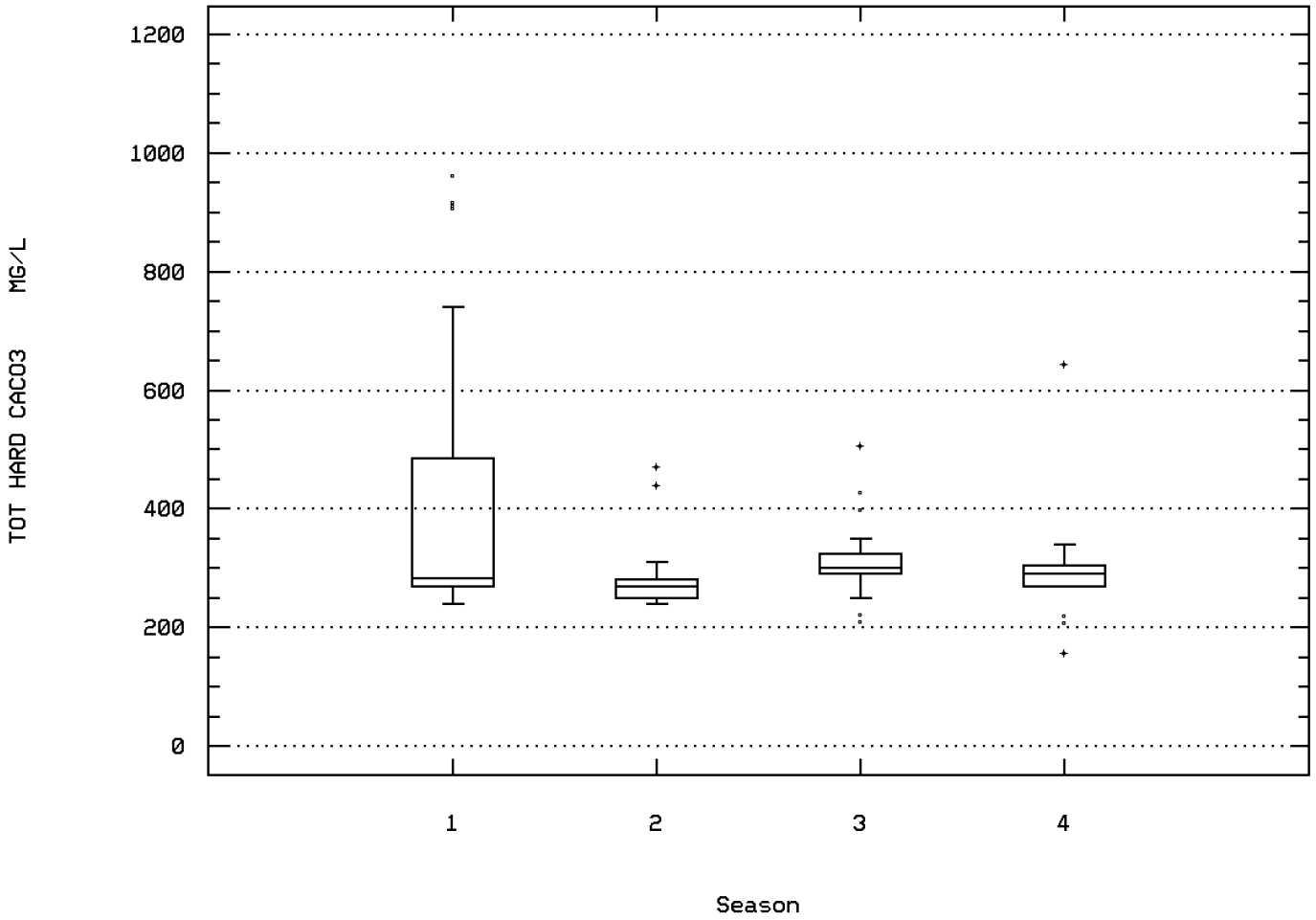
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00900

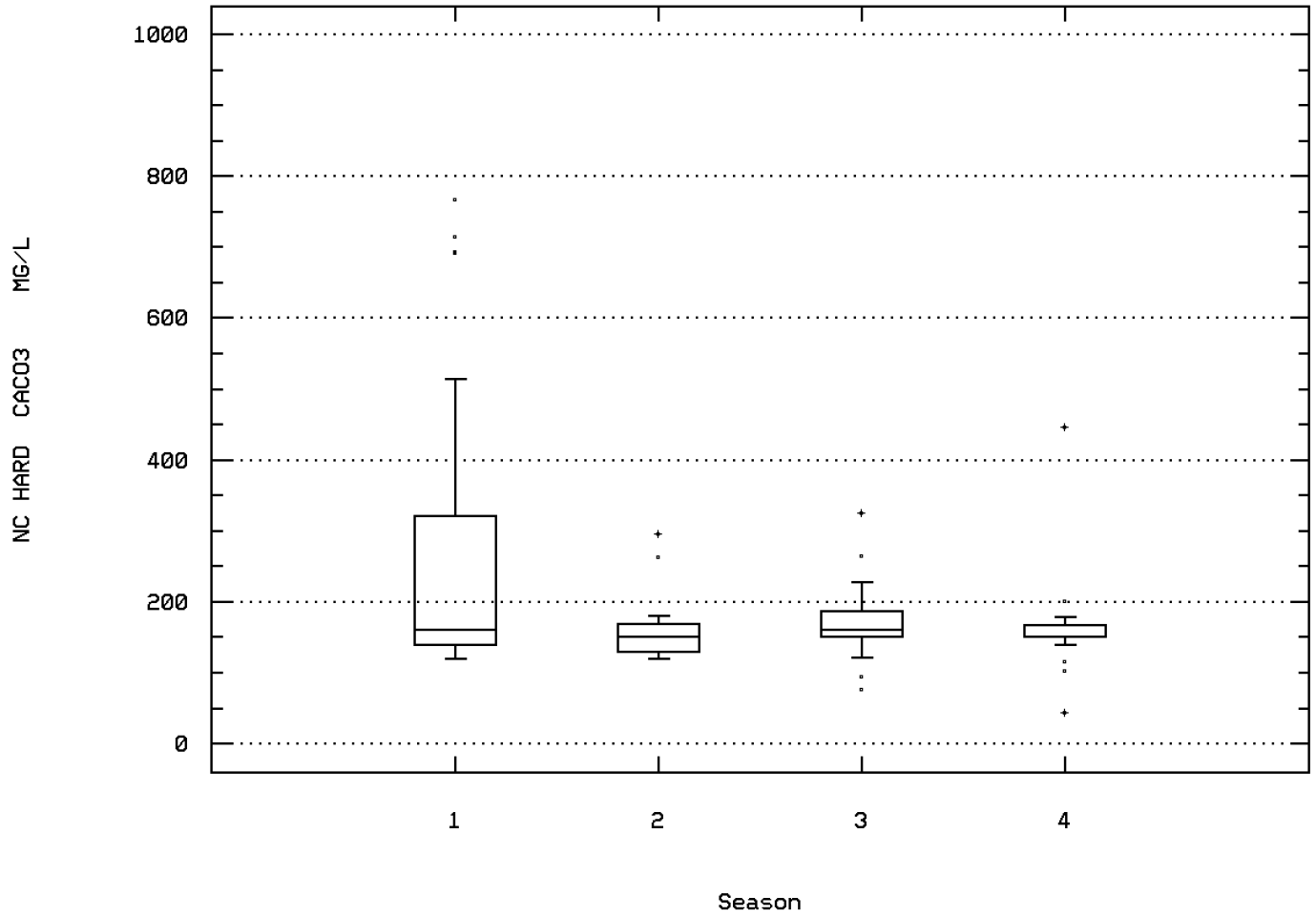
HARDNESS, TOTAL (MG/L AS CACO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00902

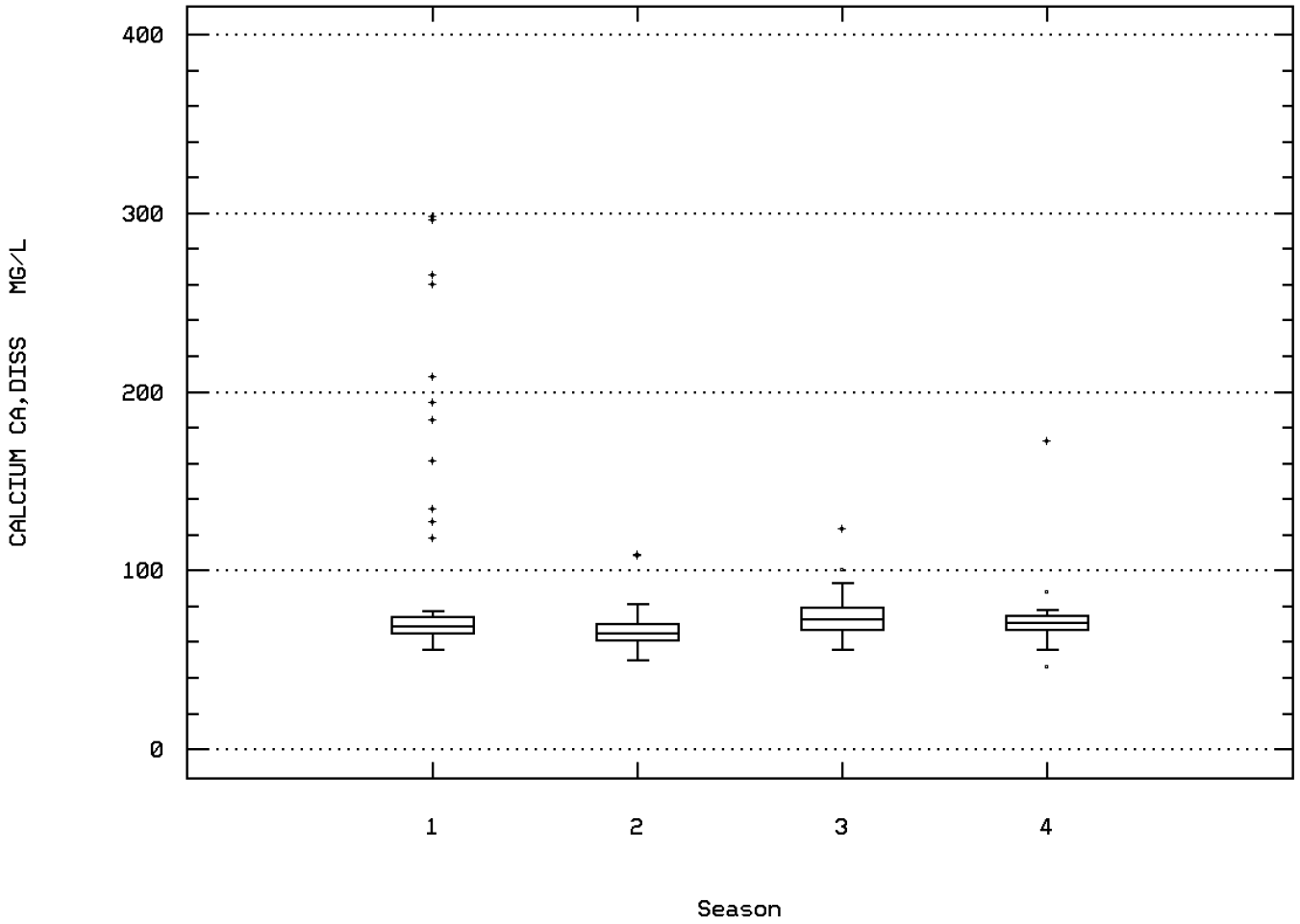
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00915

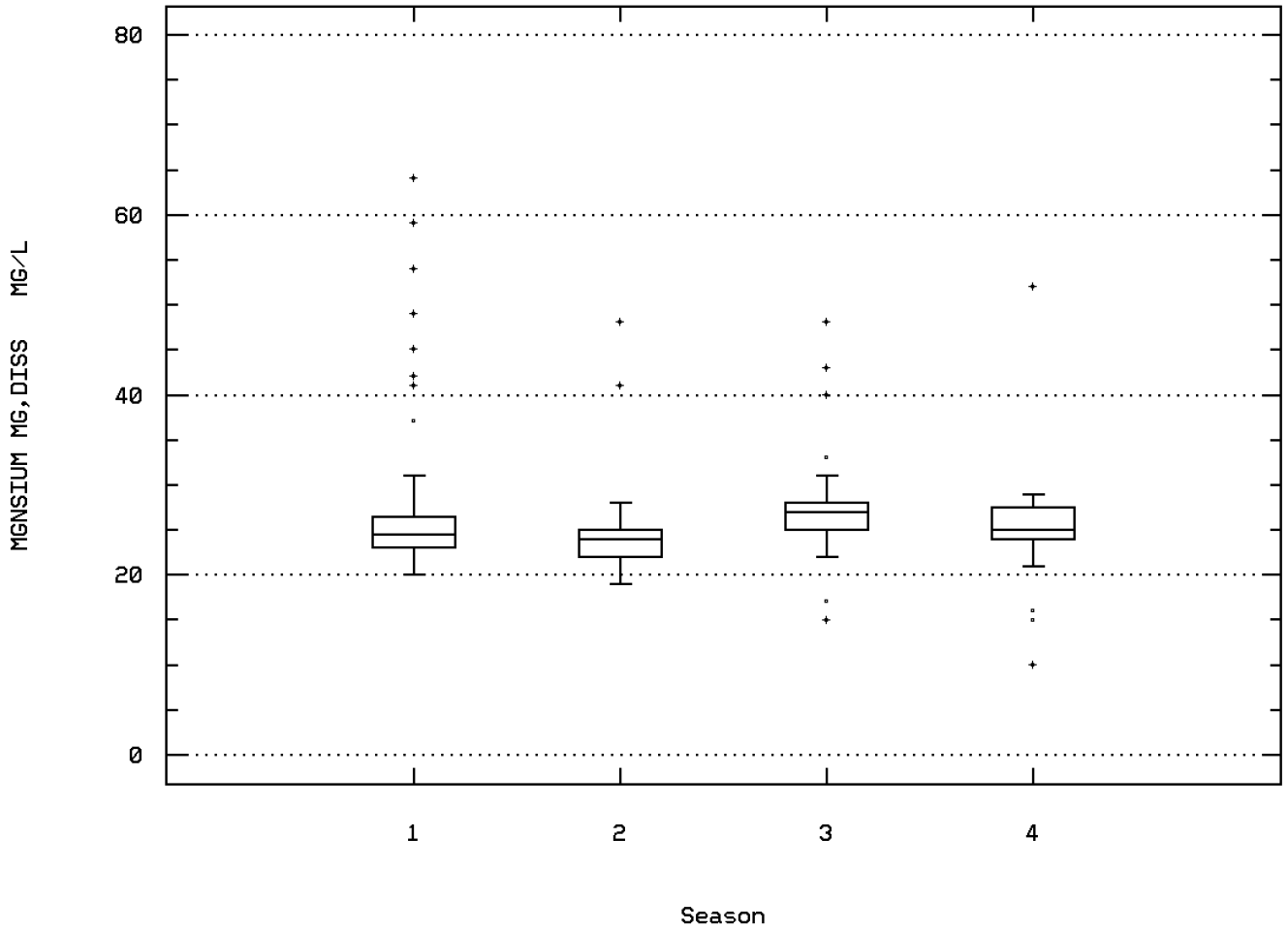
CALCIUM, DISSOLVED (MG/L AS CA)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00925

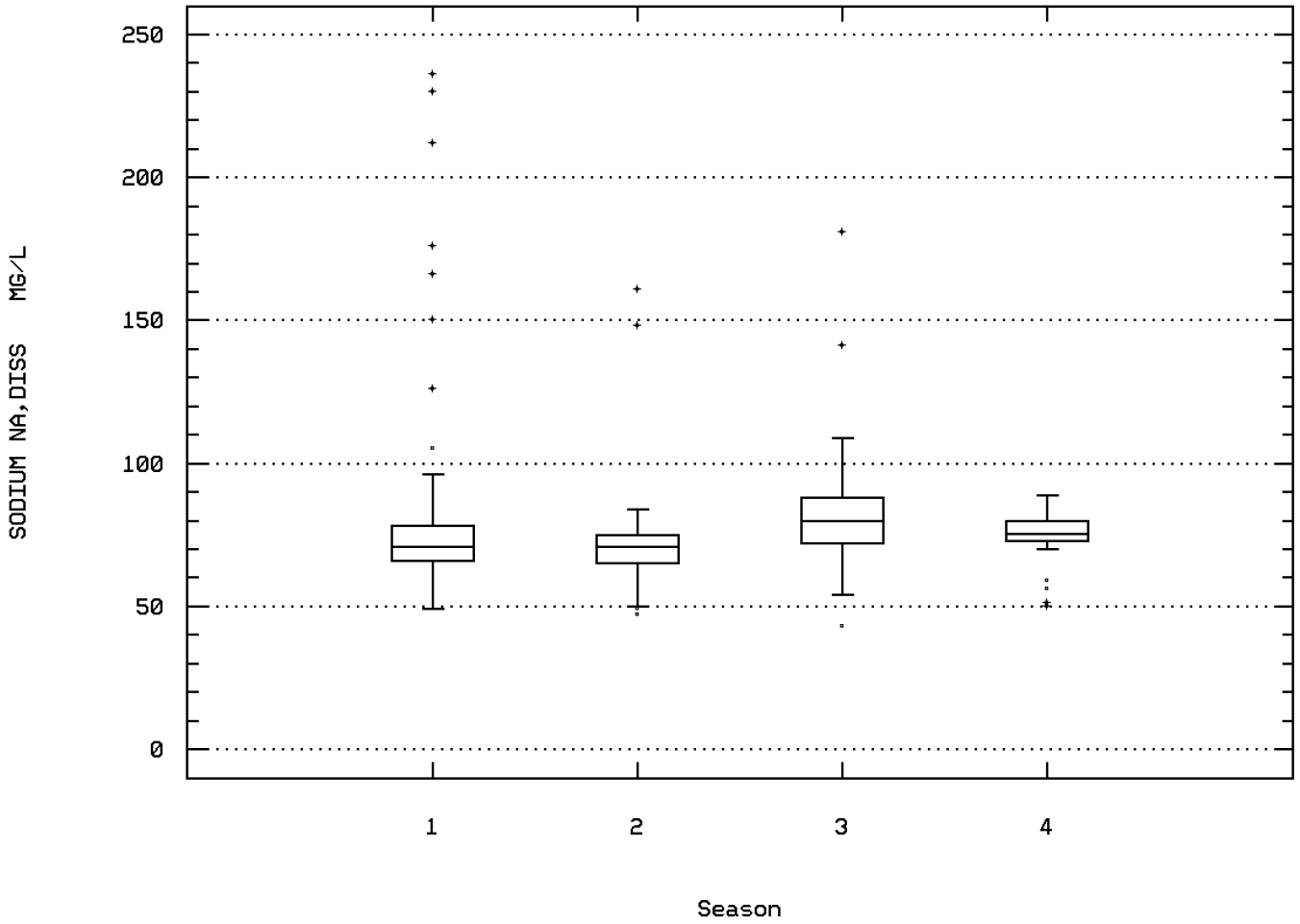
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00930

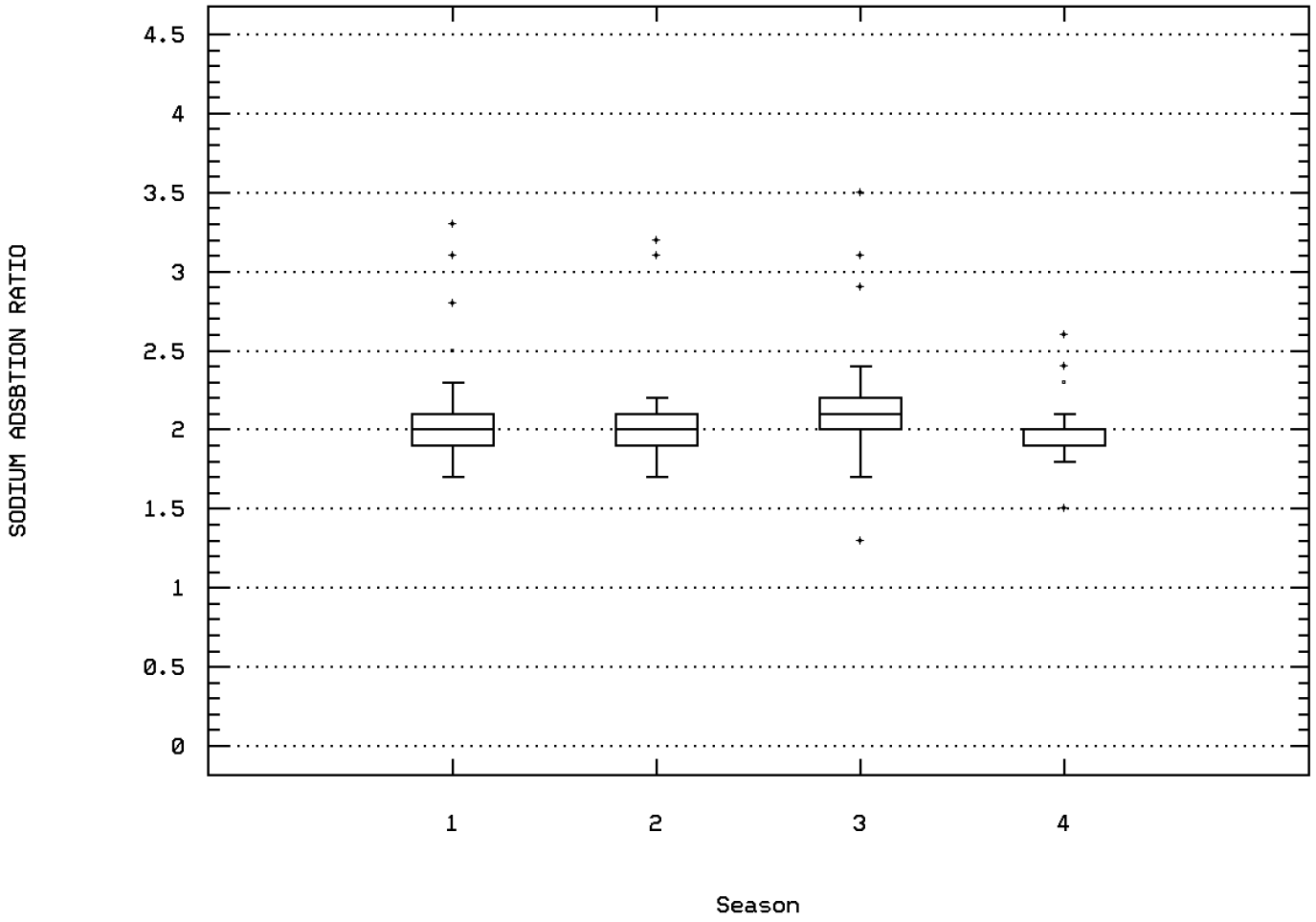
SODIUM, DISSOLVED (MG/L AS NA)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00931

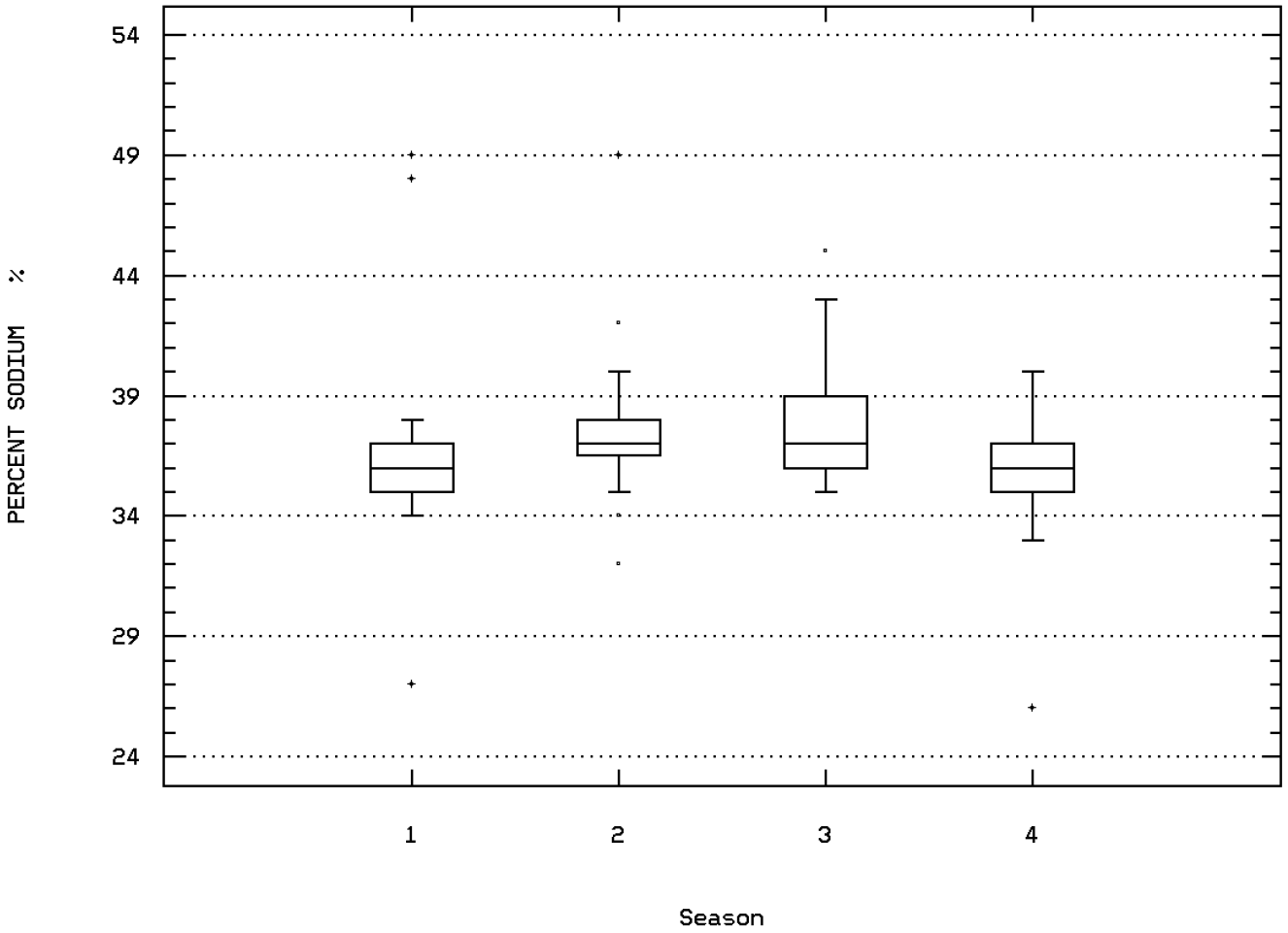
SODIUM ADSORPTION RATIO



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00932

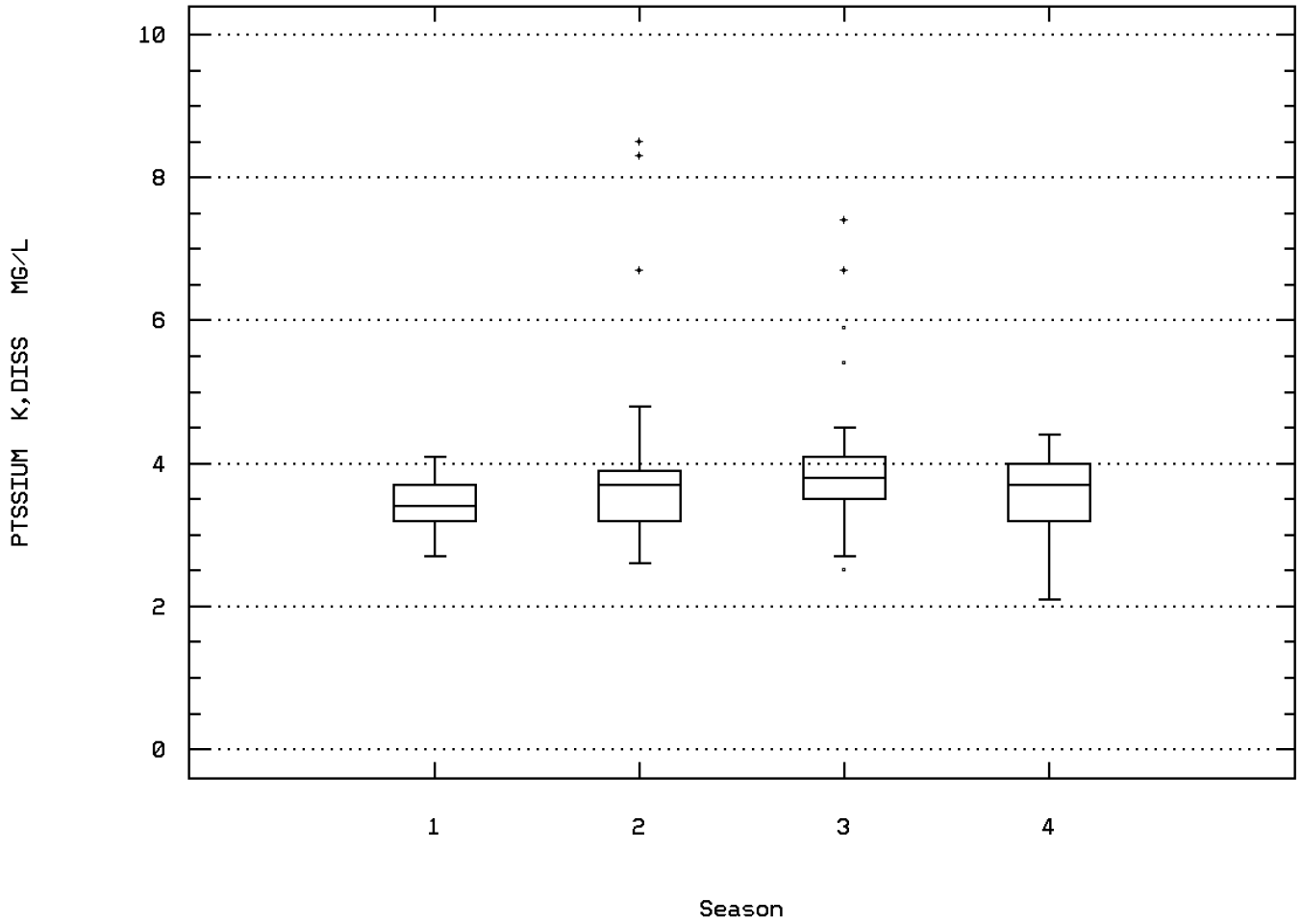
SODIUM, PERCENT



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00935

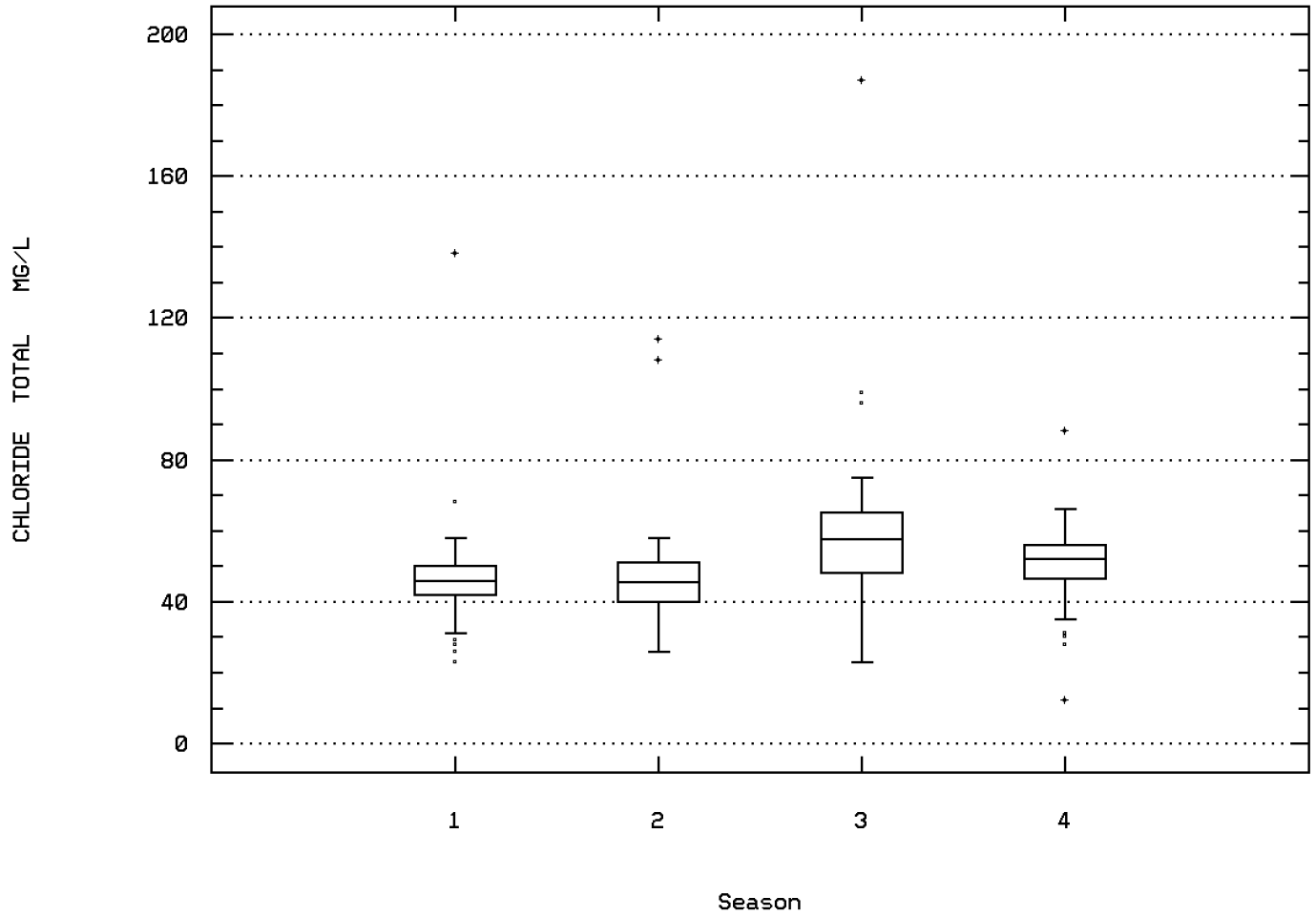
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00940

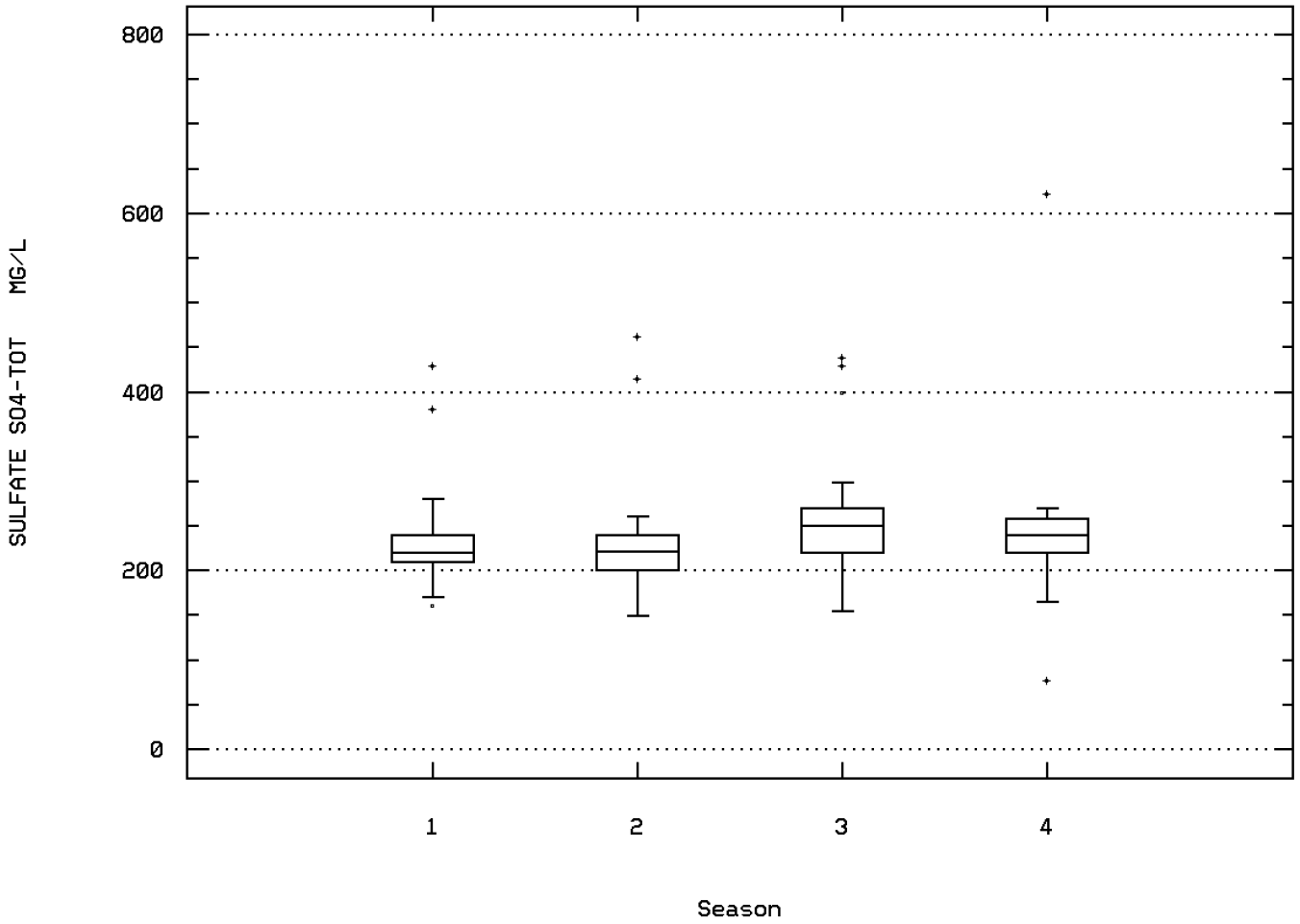
CHLORIDE,TOTAL IN WATER



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00945

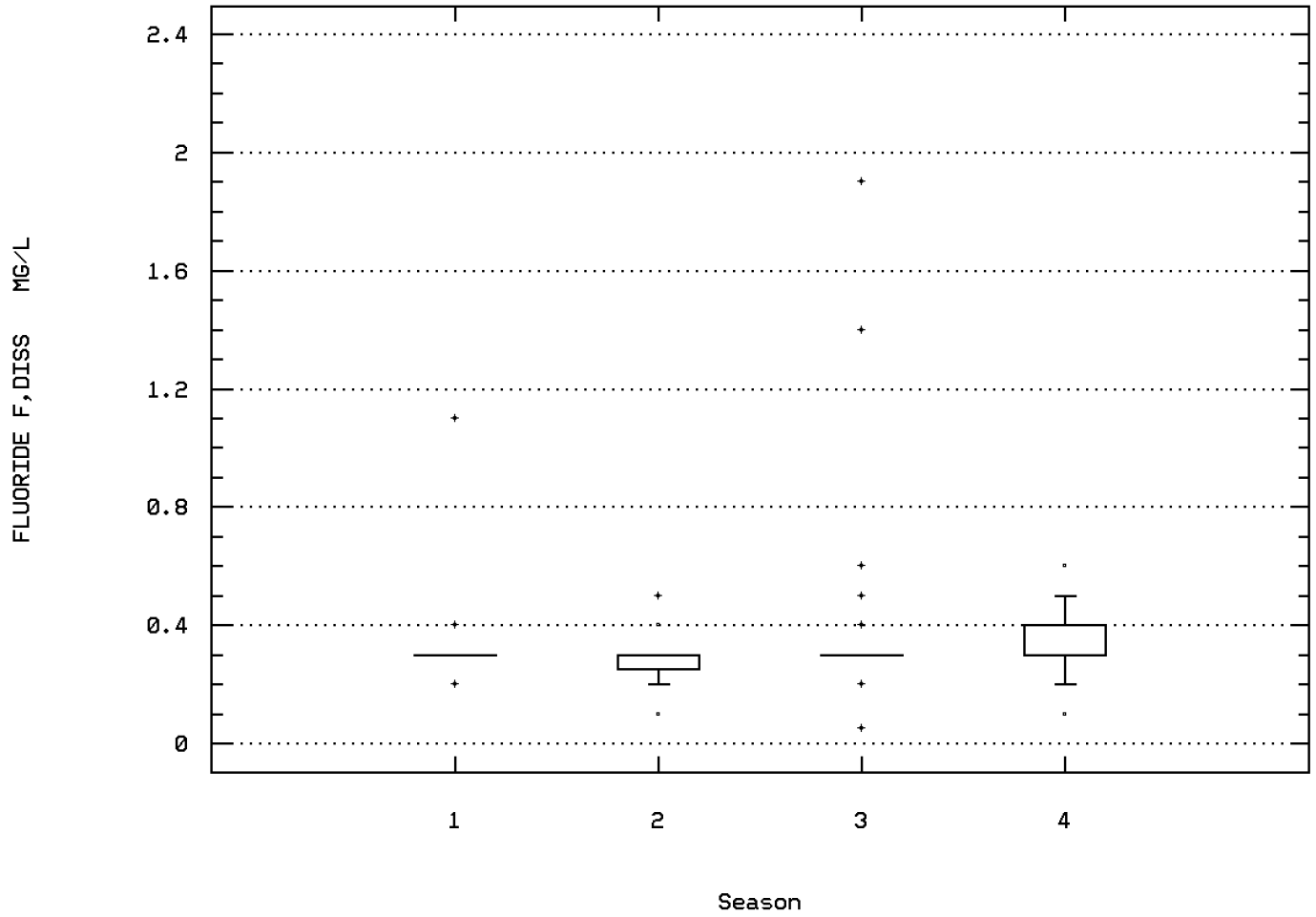
SULFATE, TOTAL (MG/L AS SO4)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00950

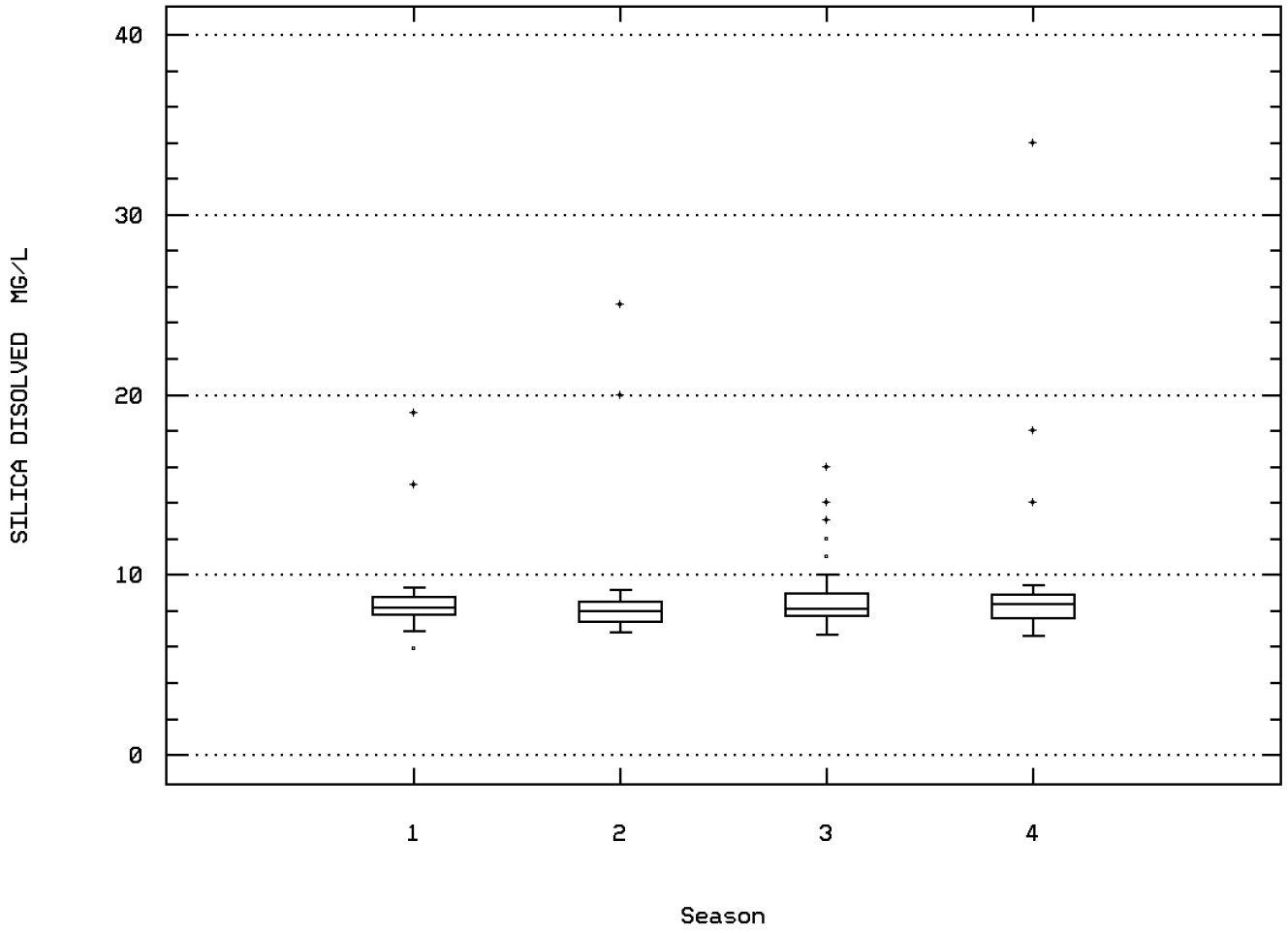
FLUORIDE, DISSOLVED (MG/L AS F)



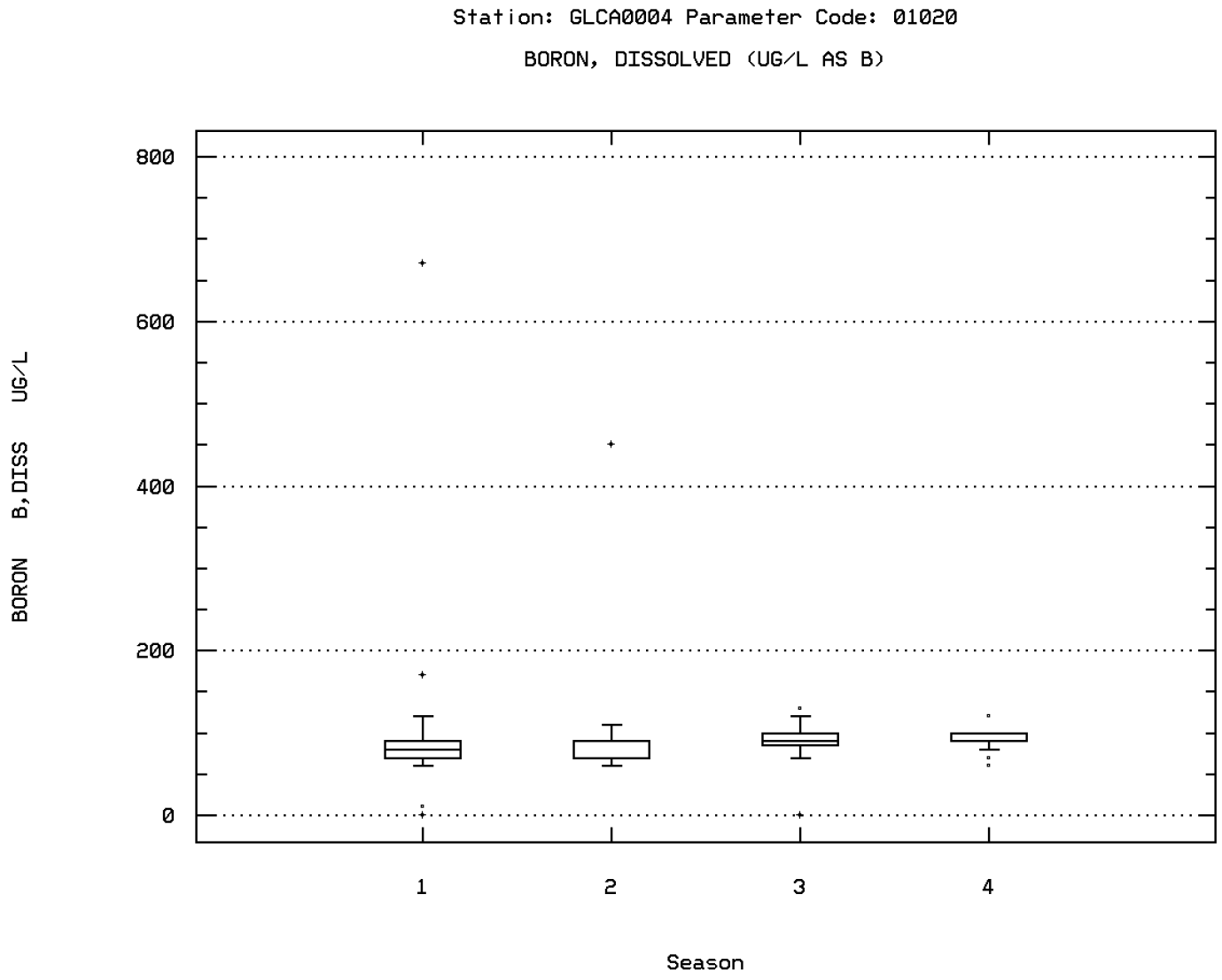
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



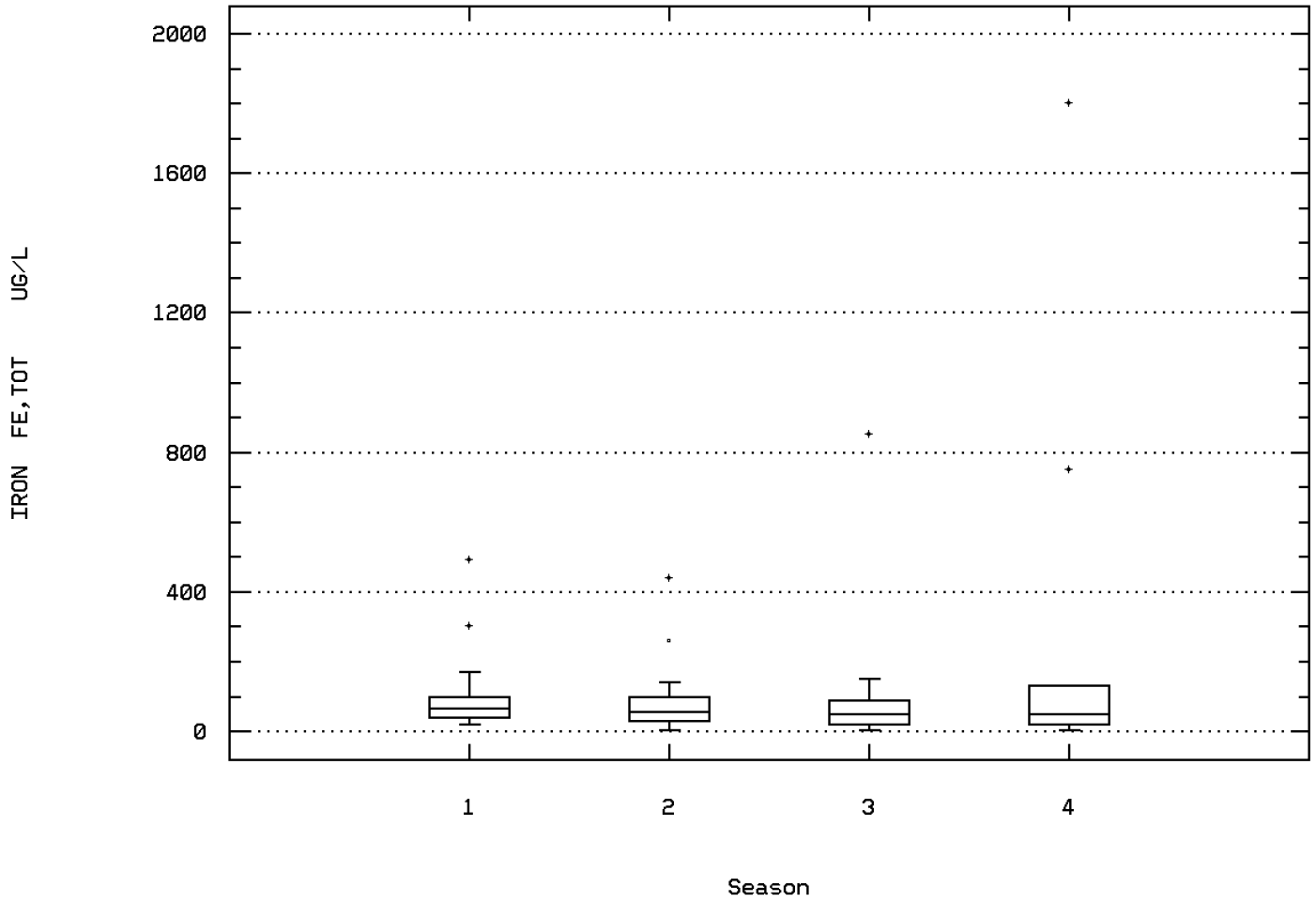
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 01045

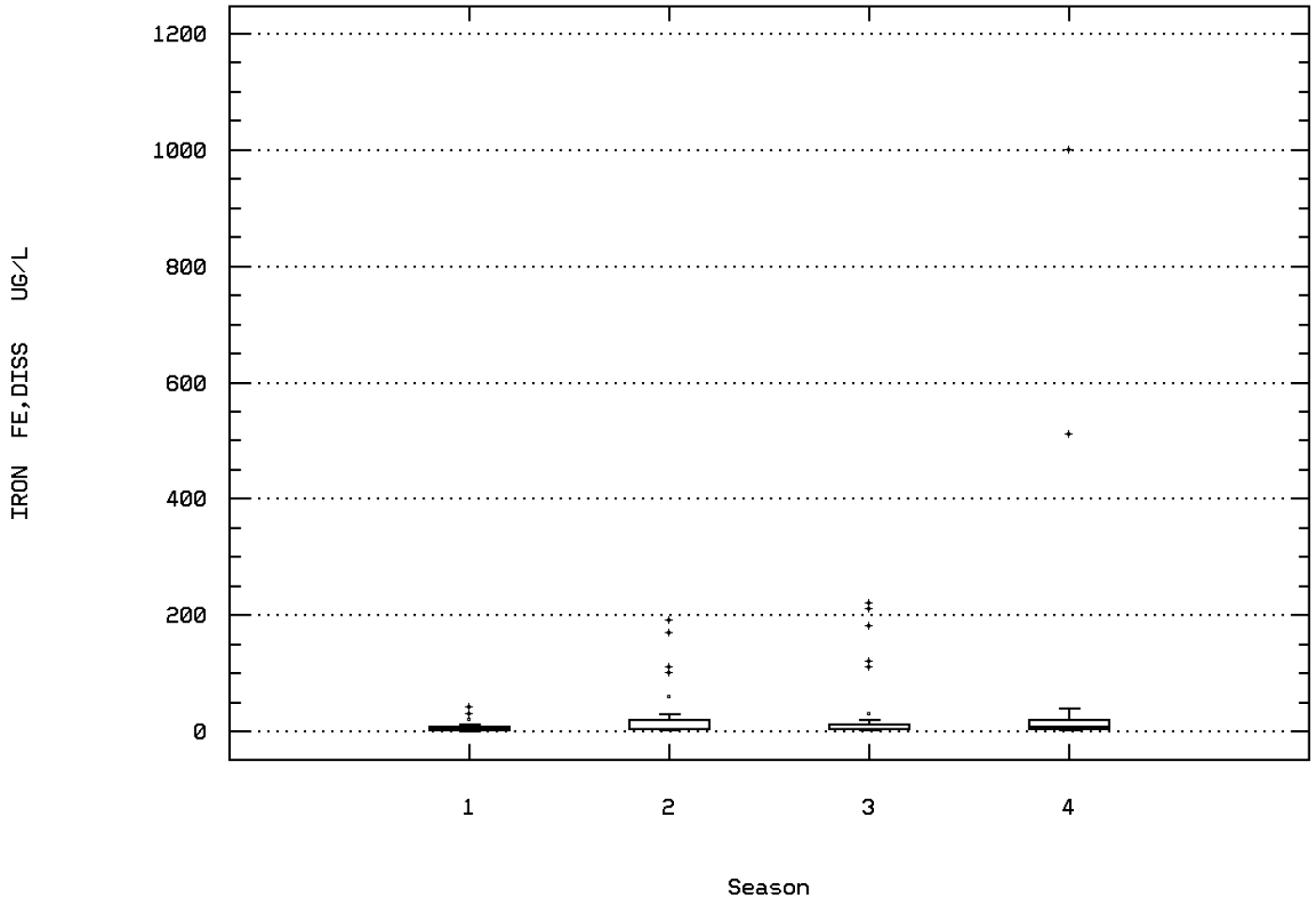
IRON, TOTAL (UG/L AS FE)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 01046

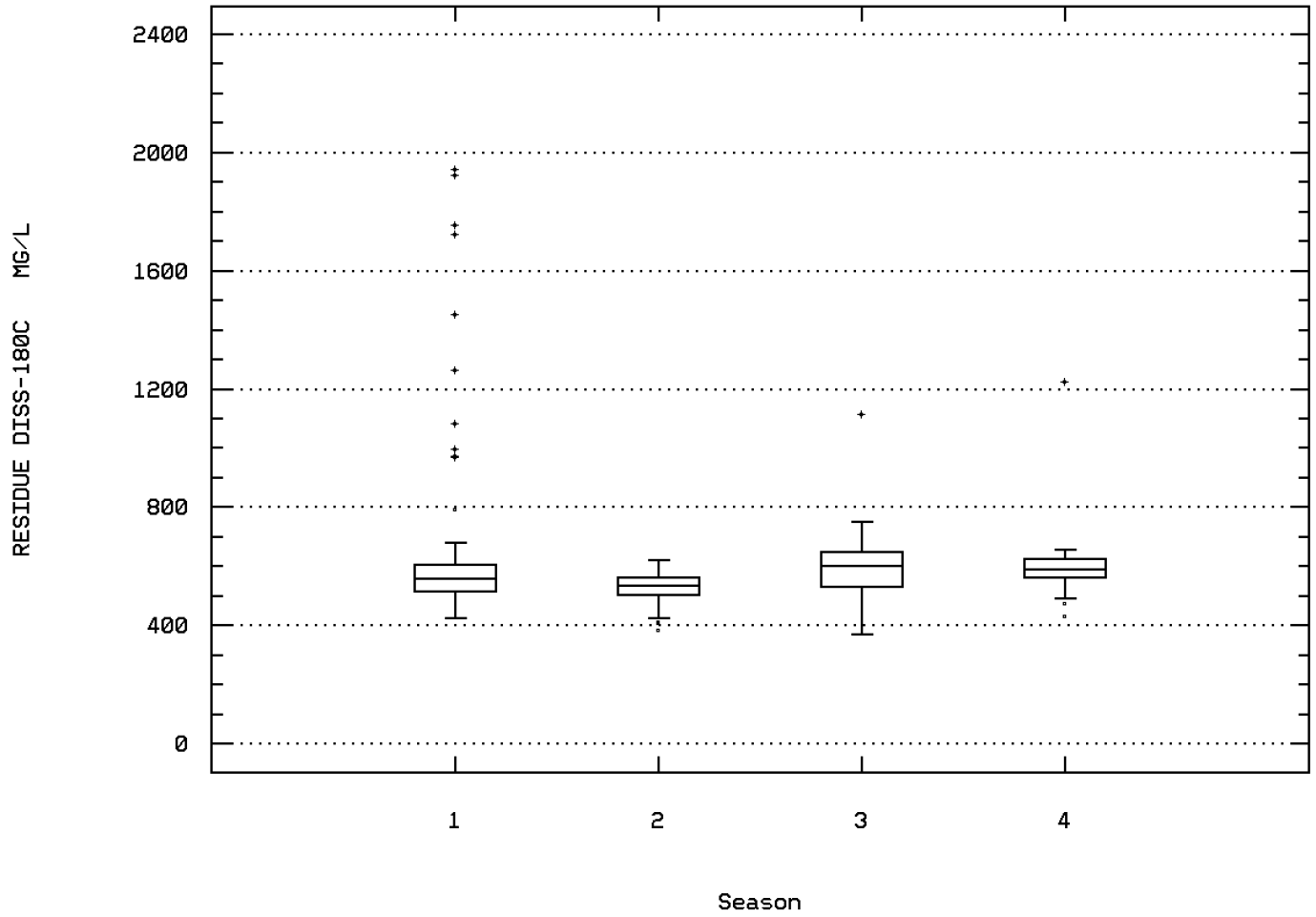
IRON, DISSOLVED (UG/L AS FE)



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70300

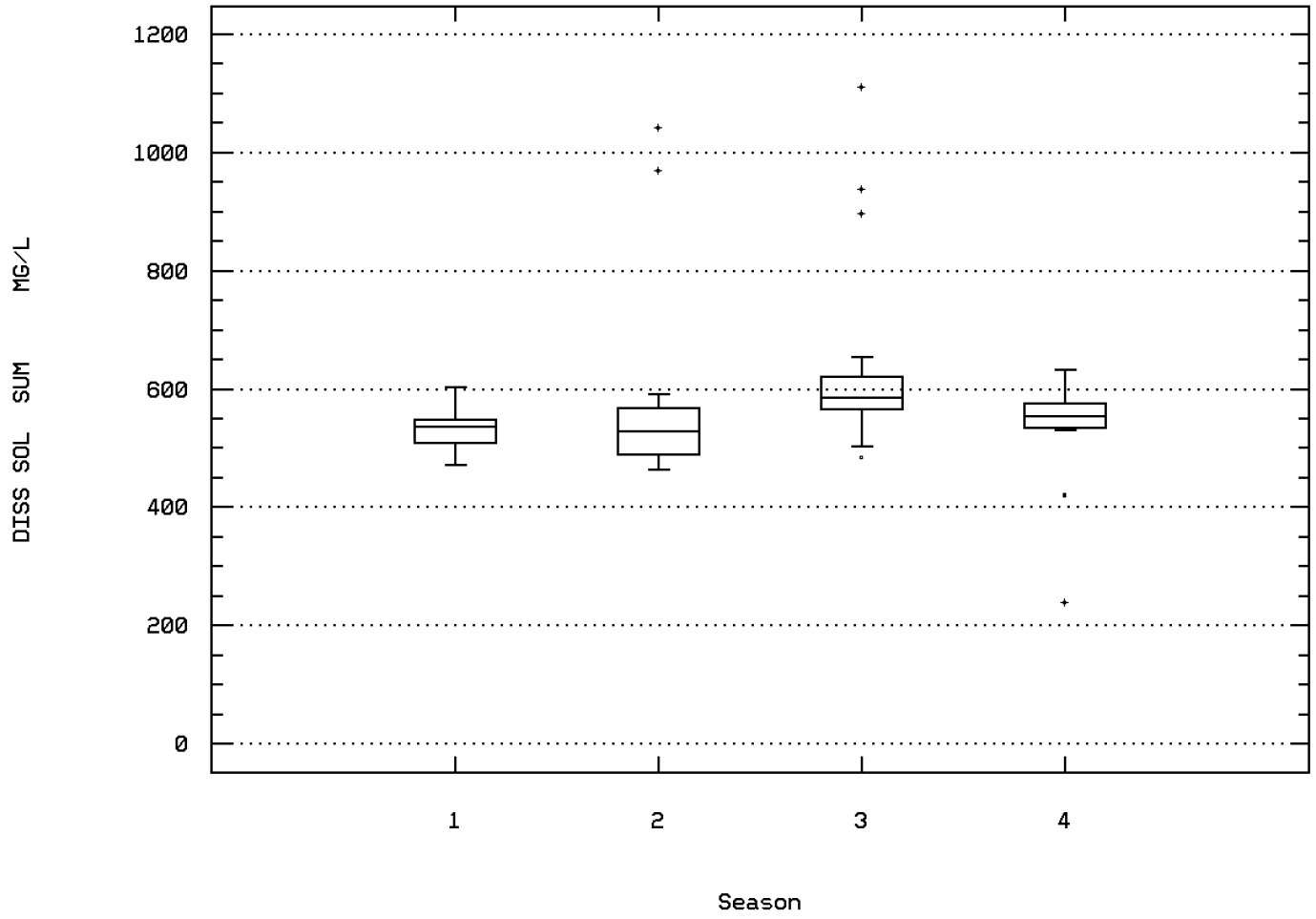
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



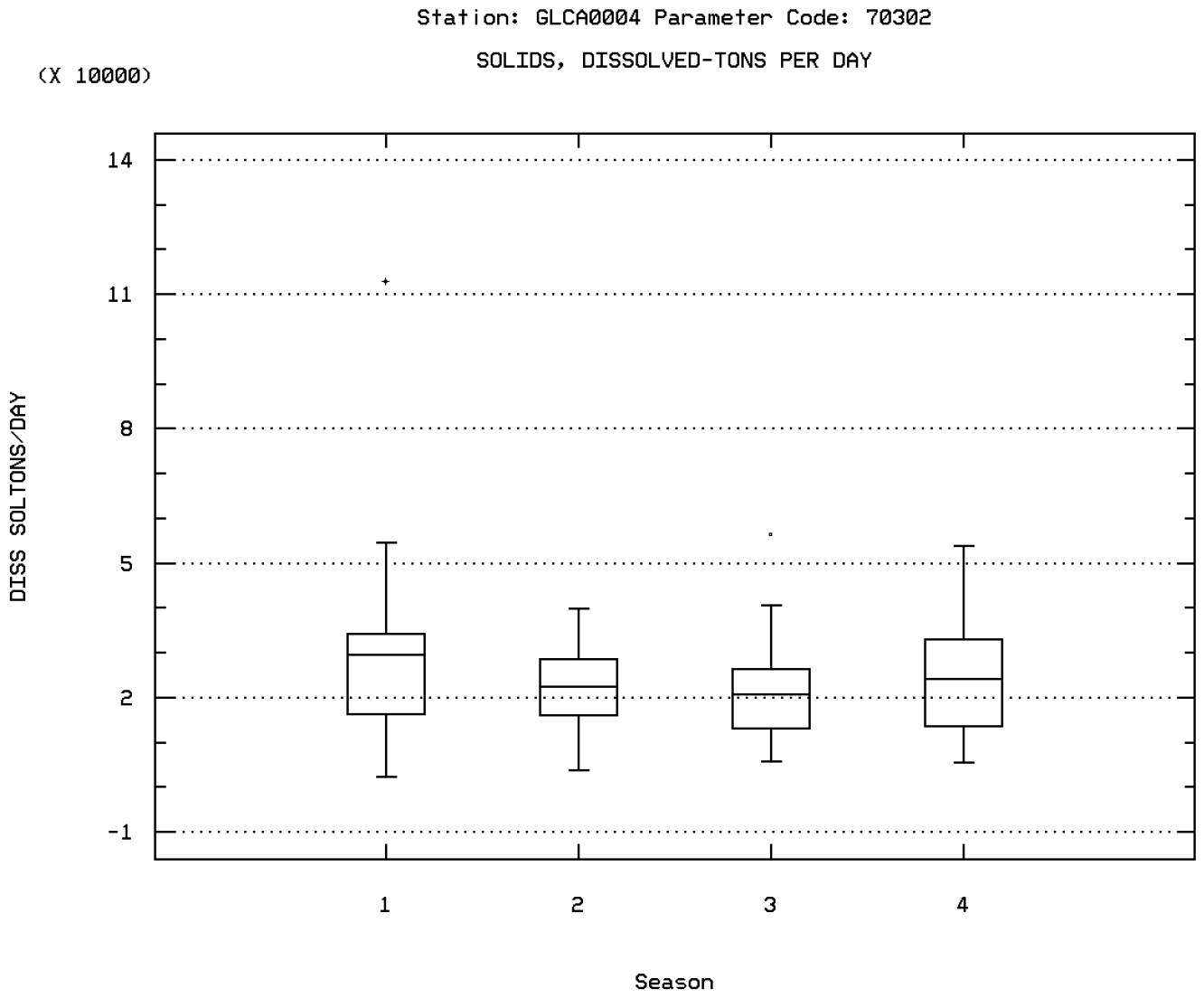
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70301

SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



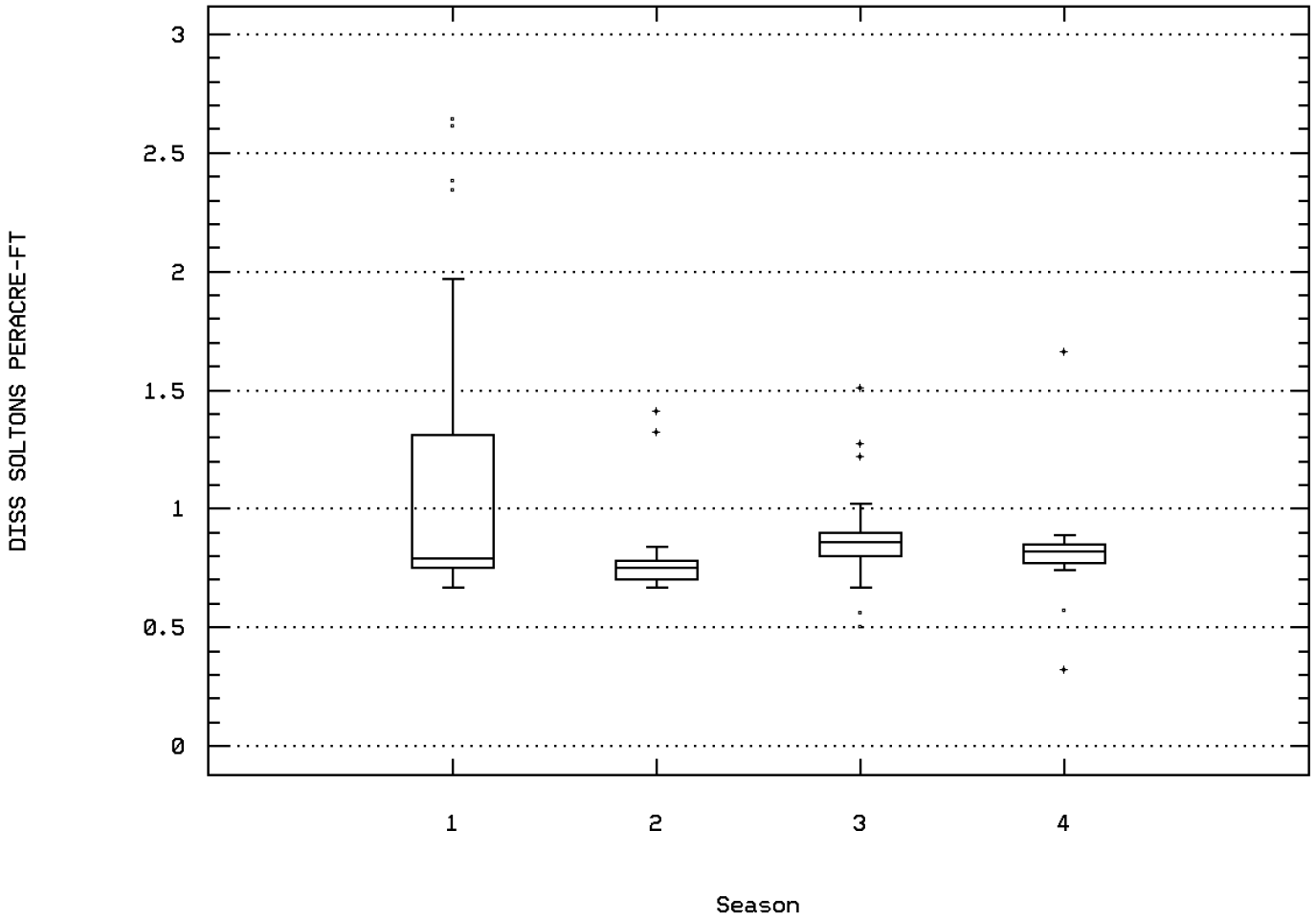
COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70303

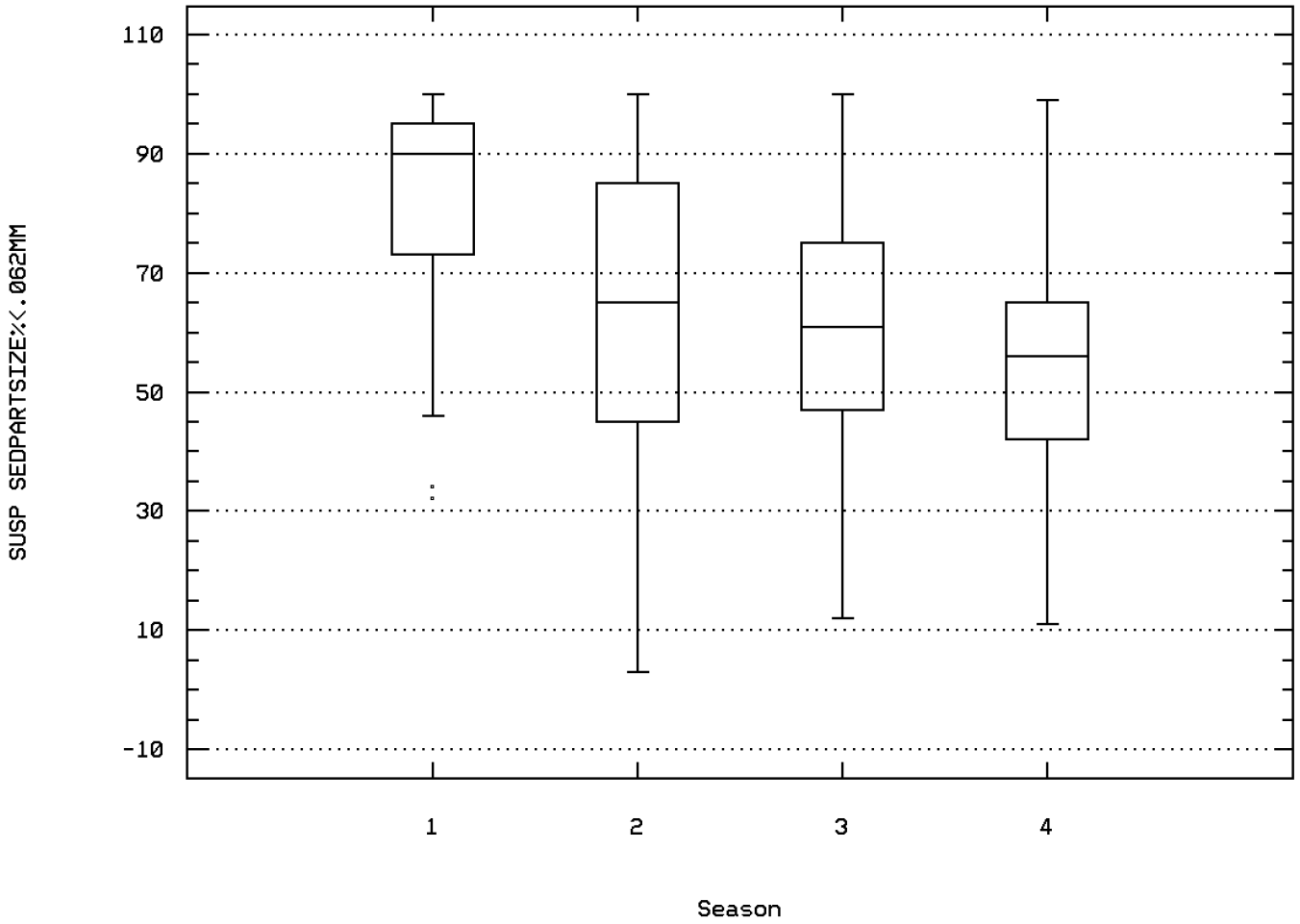
SOLIDS, DISSOLVED-TONS PER ACRE-FT



COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 70331

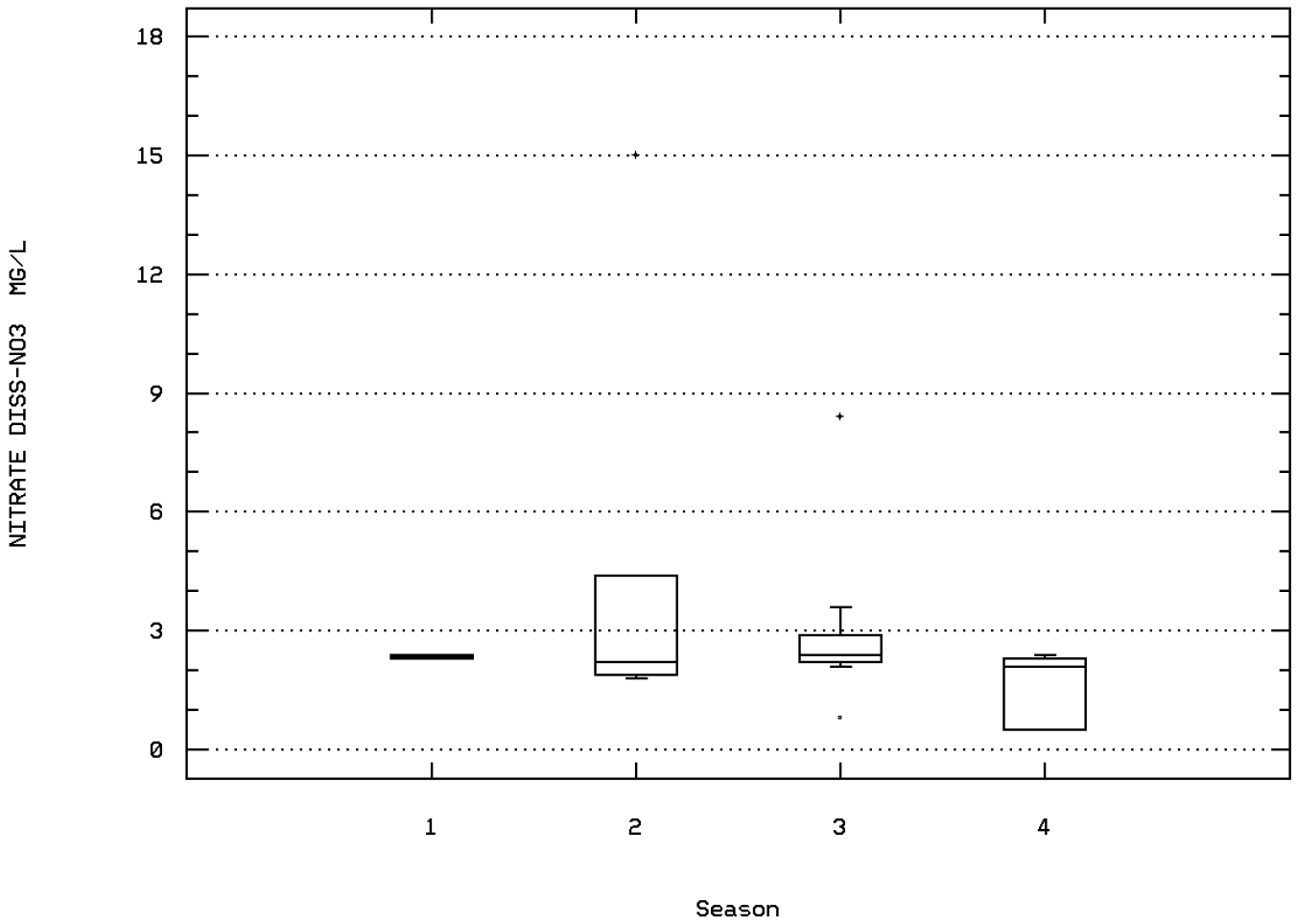
SUSPENDED SED SIEVE DIAMETER,% FINER TH



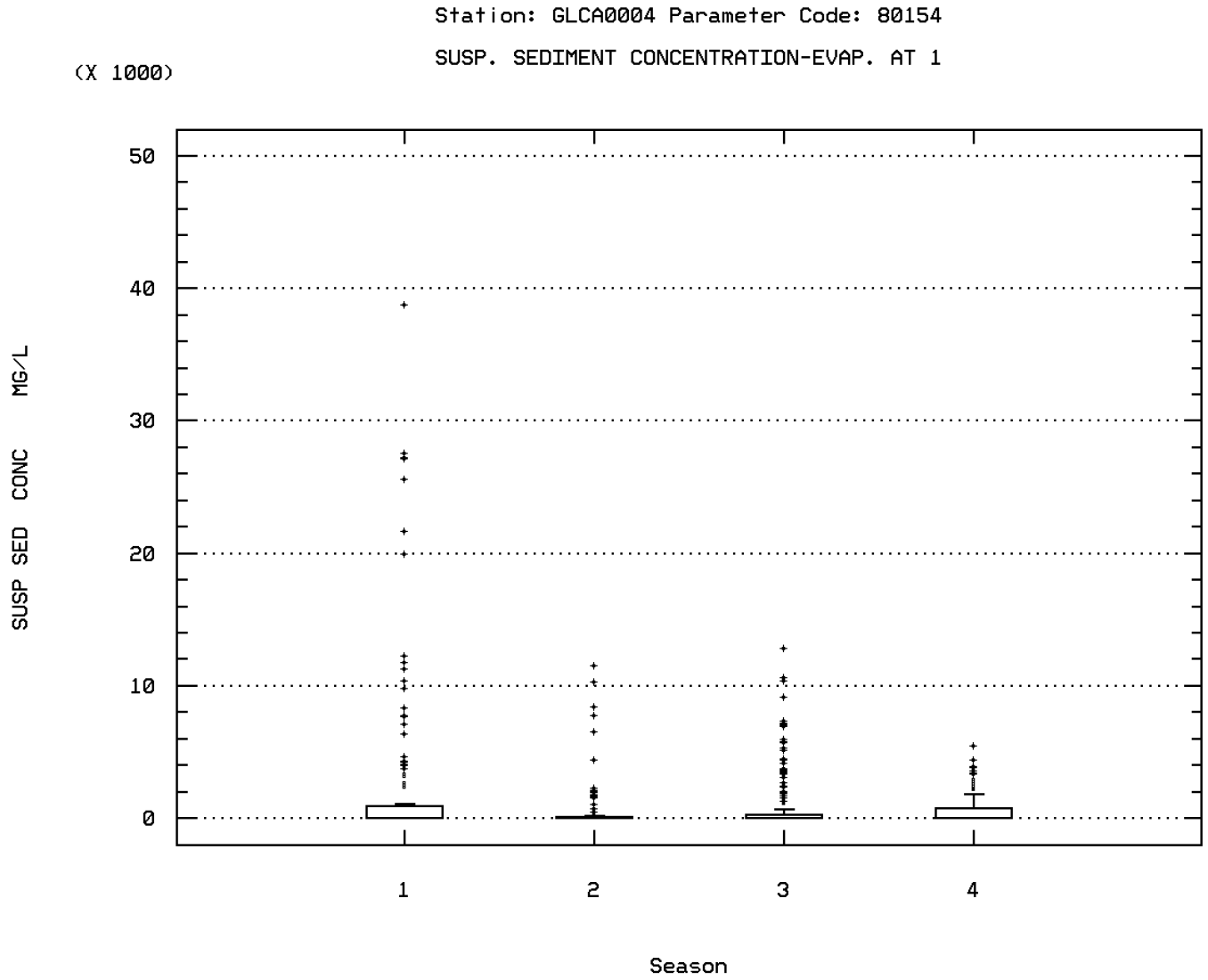
COLORADO R AT LEES FERRY, AZ.

Station: GLCA0004 Parameter Code: 71851

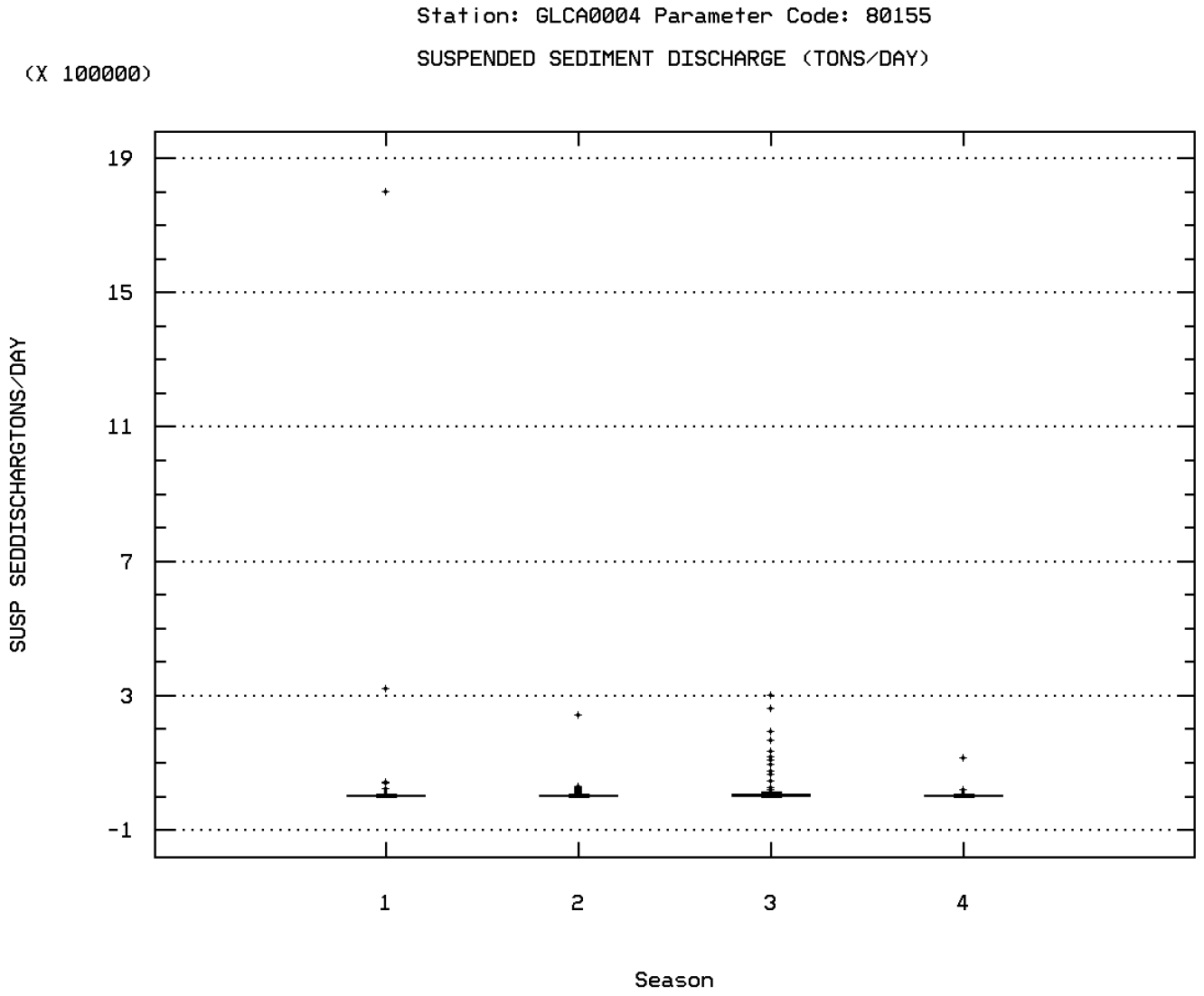
NITRATE NITROGEN, DISSOLVED (MG/L AS NO



COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.



COLORADO R AT LEES FERRY, AZ.

Station Inventory for Station: GLCA0005

NPS Station ID: GLCA0005 LAT/LON: 36.864726/-111.587505 Agency: 1118C030 Date Created: / /
Location: COLORADO RIVER AT PAGE FIPS State/County: 04000 ARIZONA/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 030000
RMI-Indexes: 1101001 Within Park Boundary: Yes
RMI-Miles: 0727.10
HUC: 14070006 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN SUB BASIN ECO Region:
RF1 Index: 14070006001 RF1 Mile Point: 0.590 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 140700010003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
CRBP NO. 3797.0,RMN-31, USGS-09-380000 NE1/4, SW1/4, SEC 24, T41N, R8E
SAMPLED AT PAGE MUNICIPAL WATER INTAKE UNTIL 09/22/69. NOW SAMPLED AT LEES FERRY, 09380000
TYPE DATA-RAD, BACT; 300CC COMP/WEEK

Parameter Inventory for Station: GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01501	ALPHA, TOTAL	05/19/70-01/11/71	9	5.	5.111	6.	4.	0.361	0.601	4.	5.	5.5	6.
01502	ALPHA, TOTAL, COUNTING ERROR	05/19/70-01/11/71	9	1.	0.967	1.	0.9	0.002	0.05	0.9	0.9	1.	1.
01503	ALPHA, DISSOLVED	05/19/70-01/11/71	9	5.	4.367	5.	0.3	2.435	1.56	0.3	4.5	5.	5.
01504	ALPHA, DISSOLVED, COUNTING ERROR	05/19/70-01/11/71	9	1.	0.967	1.	0.9	0.002	0.05	0.9	0.9	1.	1.
01505	ALPHA, SUSPENDED	05/19/70-01/11/71	9	0.1	0.111	0.2	0.	0.006	0.078	0.	0.05	0.2	0.2
01506	ALPHA, SUSPENDED, COUNTING ERROR	05/19/70-01/11/71	9	0.1	0.078	0.1	0.	0.002	0.044	0.	0.05	0.1	0.1
03501	BETA, TOTAL	05/19/70-01/11/71	9	10.	9.889	15.	5.	8.861	2.977	5.	8.	12.	15.
03502	BETA, TOTAL, COUNTING ERROR	05/19/70-01/11/71	9	3.	3.	4.	2.	0.75	0.866	2.	2.	4.	4.
03503	BETA, DISSOLVED	05/19/70-01/11/71	9	9.	9.111	14.	5.	8.611	2.934	5.	7.	11.5	14.
03504	BETA, DISSOLVED, COUNTING ERROR	05/19/70-01/11/71	9	3.	3.	4.	2.	0.75	0.866	2.	2.	4.	4.
03505	BETA, SUSPENDED	05/19/70-01/11/71	9	0.7	0.744	2.	0.1	0.31	0.557	0.1	0.3	0.9	2.
03506	BETA, SUSPENDED, COUNTING ERROR	05/19/70-01/11/71	9	0.2	0.222	0.6	0.1	0.024	0.156	0.1	0.1	0.25	0.6
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/18/70-09/29/70	2	0.9	0.9	1.1	0.7	0.08	0.283	**	**	**	**
07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	08/18/70-09/29/70	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
07005	TRITIUM, DISSOLVED (PC/L)	10/19/70-10/19/70	1	950.	950.	950.	950.	0.	0.	**	**	**	**
07006	TRITIUM, DISSOLVED, COUNTING ERROR (PC/L)	10/19/70-10/19/70	1	260.	260.	260.	260.	0.	0.	**	**	**	**
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	89	0.16	0.173	0.4	0.04	0.005	0.069	0.1	0.12	0.2	0.29
09504	RADIUM 226, DISSOLVED, COUNTING ERROR	09/01/67-06/25/71	34	0.02	0.019	0.03	0.01	0.	0.003	0.015	0.02	0.02	0.02
09505	RADIUM 226, SUSPENDED	01/01/69-01/01/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
09506	RADIUM 226, SUSPENDED, COUNTING ERROR	01/01/69-01/01/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	01/01/69-01/01/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
09508	RADIUM 226 IN SEDIMENT, COUNTING ERROR	01/01/69-01/01/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	89	6.4	6.476	16.	2.6	5.372	2.318	3.7	5.	7.65	9.2

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

EPA Water Quality Criteria Analysis for Station: GLCA0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	89	0	0.00	21	0	0.00	22	0	0.00	29	0	0.00	17	0	0.00

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

Annual Analysis for 1963 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	8	0.25	0.246	0.36	0.16	0.005	0.067	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	8	8.6	9.1	13.	7.1	3.951	1.988	**	**	**	**

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

Annual Analysis for 1964 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	12	0.25	0.24	0.34	0.08	0.005	0.072	0.101	0.2	0.29	0.328
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	12	8.75	8.767	11.	6.5	2.322	1.524	6.62	7.575	10.	11.

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

Annual Analysis for 1965 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	12	0.18	0.169	0.25	0.05	0.004	0.06	0.065	0.123	0.218	0.241
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	12	5.45	5.483	9.4	2.8	5.305	2.303	2.89	3.275	7.425	8.86

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

Annual Analysis for 1966 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	9	0.14	0.151	0.19	0.12	0.001	0.028	0.12	0.125	0.185	0.19
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	10	4.65	4.55	5.8	3.7	0.529	0.728	3.7	3.85	5.125	5.74

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

Annual Analysis for 1967 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	5	0.1	0.12	0.2	0.04	0.005	0.072	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	5	6.4	6.04	6.9	5.1	0.693	0.832	**	**	**	**

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

Annual Analysis for 1968 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	5	0.15	0.154	0.18	0.13	0.	0.018	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	5	6.5	6.44	7.2	5.6	0.383	0.619	**	**	**	**

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

Annual Analysis for 1969 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	12	0.135	0.152	0.3	0.1	0.003	0.057	0.1	0.113	0.178	0.27
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	12	6.25	6.408	8.3	5.	1.35	1.162	5.03	5.35	7.5	8.24

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

Annual Analysis for 1970 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	11	0.13	0.128	0.16	0.11	0.	0.015	0.11	0.12	0.14	0.156
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	12	6.	6.175	8.9	3.6	2.082	1.443	3.84	5.5	7.275	8.57

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

Annual Analysis for 1971 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	10	0.15	0.157	0.2	0.1	0.001	0.038	0.101	0.125	0.2	0.2
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	9	4.5	4.533	7.5	2.6	2.098	1.448	2.6	3.4	5.15	7.5

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

Annual Analysis for 1972 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	5	0.2	0.2	0.4	0.1	0.015	0.122	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	4	6.15	8.225	16.	4.6	27.443	5.239	**	**	**	**

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	22	0.155	0.161	0.25	0.1	0.002	0.044	0.103	0.13	0.2	0.235
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	21	5.8	5.829	10.	2.8	4.	2.	2.94	3.8	7.15	8.7

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	20	0.125	0.142	0.25	0.05	0.003	0.053	0.082	0.1	0.175	0.245
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	22	5.35	5.832	9.4	2.6	3.819	1.954	3.32	4.325	7.8	8.6

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	29	0.18	0.195	0.4	0.04	0.007	0.084	0.11	0.135	0.235	0.34
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	29	7.2	7.403	16.	3.7	6.521	2.554	5.1	5.65	7.95	11.

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
09503	RADIUM 226, DISSOLVED	05/06/63-06/27/72	18	0.17	0.187	0.3	0.07	0.005	0.072	0.115	0.12	0.26	0.291
22703	URANIUM, NATURAL, DISSOLVED	05/06/63-05/12/72	17	6.1	6.529	11.	3.6	5.44	2.332	3.84	4.65	8.1	11.

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

Station Inventory for Station: GLCA0006

NPS Station ID: GLCA0006
LAT/LON: 36.864726/-111.587505
Agency: 21ARIZ
Date Created: / /
Location: COLORADO RIVER AT LEES FERRY
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100000000111170/PM 010
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006001
RF1 Mile Point: 0.590
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
LAT 36 51'53", LONG 111 35'15", NE1/4 SE1/4, SEC 13, T40N, R7E, COCONINO CO, IN NAVAJO INDIAN RESERVATION, ON LEFT BANK AT HEAD OF MARBLE GORGE AT LEES FERRY, JUST UPSTREAM FROM PARIA RIVER, 25.7 KM (16 MI) DOWNSTREAM FROM GLEN CANYON DAM, 45 KM (28 MI) DOWNSTREAM FROM UTAH-ARIZONA STATE LINE, 99.0 KM (61.5 MI) UPSTREAM FROM LITTLE COLORADO

Parameter Inventory for Station: GLCA0006

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

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

Station Inventory for Station: GLCA0007

NPS Station ID: GLCA0007
LAT/LON: 36.865837/-111.585004
Agency: 11TOX09
Date Created: 12/05/81
Location: LEES FERRY @ RAFT RAMP
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000142
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: LOWER COLORADO RIVER
ECO Region:
RF1 Index: 14070006001
RF1 Mile Point: 0.880
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/02/81-06/02/81	1	10.36	10.36	10.36	10.36	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/81-06/02/81	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/81-06/02/81	1	33.3	33.3	33.3	33.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/81-06/02/81	1	44.1	44.1	44.1	44.1	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/81-06/02/81	1 ##	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/02/81-06/02/81	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/81-06/02/81	1	95.8	95.8	95.8	95.8	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/02/81-06/02/81	1	29.9	29.9	29.9	29.9	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/02/81-06/02/81	1	101.4	101.4	101.4	101.4	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	37.	36.833	38.5	35.	3.083	1.756	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	37.	36.833	38.5	35.	3.083	1.756	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	05/07/81-05/07/81	2	241.85	241.85	292.	191.7	5030.045	70.923	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/02/81-06/02/81	1	26.3	26.3	26.3	26.3	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3	8.8	7.417	9.6	3.85	9.701	3.115	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**

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

Parameter Inventory for Station: GLCA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	05/07/81-06/02/81	3 ##	3.7	3.683	3.85	3.5	0.031	0.176	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/02/81-06/02/81	1 ##	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/02/81-06/02/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

Station Inventory for Station: GLCA0008

NPS Station ID: GLCA0008
LAT/LON: 36.870004/-111.585004
Agency: 11TOX09
Date Created: 06/27/81
Location: COLORADO RIVER AT LEE'S FERRY
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000095
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: LITTLE COLORADO RIVER
ECO Region:
RF1 Index: 14070006001
RF1 Mile Point: 1.030
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/29/80-08/29/80	1 ##	623.5	623.5	623.5	623.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/29/80-08/29/80	1 ##	98.58	98.58	98.58	98.58	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/29/80-08/29/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/29/80-08/29/80	1 ##	13.	13.	13.	13.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	08/29/80-08/29/80	1 ##	2.35	2.35	2.35	2.35	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/29/80-08/29/80	1 ##	44.	44.	44.	44.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	1 ##	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	1	126.18	126.18	126.18	126.18	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/29/80-08/29/80	1	175.	175.	175.	175.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/29/80-08/29/80	1 ##	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/29/80-08/29/80	1	36.28	36.28	36.28	36.28	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/29/80-08/29/80	1 ##	237.5	237.5	237.5	237.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/29/80-08/29/80	1 ##	39.435	39.435	39.435	39.435	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/29/80-08/29/80	1 ##	45.5	45.5	45.5	45.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/29/80-08/29/80	1	23.66	23.66	23.66	23.66	0.	0.	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	08/29/80-08/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/29/80-08/29/80	1 ##	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/29/80-08/29/80	1	206.62	206.62	206.62	206.62	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/29/80-08/29/80	1 ##	144.5	144.5	144.5	144.5	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/29/80-08/29/80	1	194.	194.	194.	194.	0.	0.	**	**	**	**
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	08/29/80-08/29/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	08/29/80-08/29/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	39.43	39.43	39.43	39.43	0.	0.	**	**	**	**
34214	ACROLEIN WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34215	ACRYLONITRILE TOTWUG/L	08/29/80-08/29/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	39.43	39.43	39.43	39.43	0.	0.	**	**	**	**
34219	ACRYLONITRILE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	625.	625.	625.	625.	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34417	METHYL BROMIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34422	METHYL CHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	08/29/80-08/29/80	1 ##	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34565	1,3-DICHLOROPROPENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	625.	625.	625.	625.	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/29/80-08/29/80	1 ##	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/29/80-08/29/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/29/80-08/29/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/80-08/29/80	1 ##	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/29/80-08/29/80	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/29/80-08/29/80	1	7308.	7308.	7308.	7308.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/29/80-08/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/80-08/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/29/80-08/29/80	1 ##	625.	625.	625.	625.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/29/80-08/29/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	08/29/80-08/29/80	1 ##	986.	986.	986.	986.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/80-08/29/80	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/29/80-08/29/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/29/80-08/29/80	1 ##	789.	789.	789.	789.	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/29/80-08/29/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/29/80-08/29/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/29/80-08/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71941	CADMIUM,TOTAL IN FISH-DRY WEIGHT BASIS	08/29/80-08/29/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	10.	0 &	0	0.00												
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	0 &	0	0.00												
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GLCA0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	0 &	0	0.00												
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0009

NPS Station ID: GLCA0009
LAT/LON: 36.872226/-111.593893
Agency: 112WRD
Date Created: / /
Location: PARIA RIVER AT LEES FERRY, ARIZ.
FIPS State/County: 04004 ARIZONA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09382000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070007001
RF1 Mile Point: 0.850
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	135	21.	18.331	34.	0.	66.464	8.153	6.1	11.	25.	27.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	124	34.	240.734	6270.	1.	474415.059	688.778	5.	12.	139.25	807.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	95	25.	259.642	6270.	3.	616665.956	785.281	4.	8.	143.	570.6
00065	STAGE, STREAM (FEET)	09/13/90-09/24/90	3	3.64	4.933	7.52	3.64	5.018	2.24	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/15/77-04/18/79	18	125.	4179.722	32000.	2.	61571799.389	7846.77	8.3	20.	7525.	12200.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/79-11/15/79	7	310.	2756.671	15000.	4.4	30537895.816	5526.11	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	102	1315.	1240.127	3700.	435.	280604.568	529.721	564.5	818.75	1472.5	1829.
00300	OXYGEN, DISSOLVED MG/L	07/30/69-11/15/79	33	8.6	9.042	12.4	5.8	4.187	2.046	6.28	7.45	11.3	11.62
00400	PH (STANDARD UNITS)	10/21/69-11/15/79	42	8.2	8.048	8.7	6.8	0.22	0.469	7.12	7.875	8.4	8.57
00400	CONVERTED PH (STANDARD UNITS)	10/21/69-11/15/79	42	8.2	7.718	8.7	6.8	0.331	0.576	7.12	7.875	8.4	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/69-11/15/79	42	0.006	0.019	0.158	0.002	0.001	0.033	0.003	0.004	0.013	0.082
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/69-12/14/78	19	1.2	2.074	12.	0.4	6.822	2.612	0.4	0.9	1.9	4.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/69-11/15/79	34	133.5	136.676	204.	90.	584.832	24.183	105.	120.	150.	170.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	82	173.	185.5	405.	110.	2178.377	46.673	137.2	155.5	209.25	243.7
00445	CARBONATE ION (MG/L AS CO3)	10/21/69-12/14/78	25	0.	0.44	4.	0.	1.257	1.121	0.	0.	0.	3.
00600	NITROGEN, TOTAL (MG/L AS N)	09/15/77-09/17/79	5	3.2	7.726	24.	0.93	93.355	9.662	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/15/77-09/17/79	5	2.5	6.404	22.	0.41	82.605	9.089	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/15/77-09/17/79	5	1.	1.382	2.4	0.52	0.812	0.901	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/11/71-03/21/79	7	0.7	0.986	2.5	0.1	0.621	0.788	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/02/78-03/21/79	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/77-09/17/79	5	2.8	2.648	6.4	0.01	7.435	2.727	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/02/78-03/21/79	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/15/77-03/21/79	4	164.	180.275	391.	2.1	39771.036	199.427	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	93	494.	490.108	1600.	140.	58404.162	241.67	210.8	315.	559.	761.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	92	342.	339.902	1400.	0.	48777.584	220.856	92.3	185.5	395.	557.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	93	107.	116.118	460.	32.	5145.432	71.732	47.8	71.	130.5	193.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	93	52.	48.699	110.	13.	356.343	18.877	23.	30.	61.5	67.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/69-11/15/79	35	95.	102.857	370.	26.	5640.067	75.1	29.	35.	160.	196.
00931	SODIUM ADSORPTION RATIO	10/21/69-11/15/79	35	1.9	2.069	6.6	0.8	1.492	1.221	0.9	1.	2.9	3.54
00932	SODIUM, PERCENT	10/01/47-11/15/79	92	30.	31.054	72.	16.	57.568	7.587	23.	26.25	34.	39.7
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	64	110.	106.094	241.	27.	1925.896	43.885	38.	84.	131.75	159.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/69-11/15/79	36	5.05	6.411	20.	2.8	15.387	3.923	3.15	3.75	7.45	12.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	93	20.	19.699	50.	5.	45.647	6.756	11.4	14.	23.5	28.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	93	546.	522.237	2200.	120.	102158.139	319.622	150.	283.5	623.5	813.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/01/49-11/15/79	41	0.3	0.368	0.8	0.1	0.035	0.188	0.2	0.2	0.5	0.68
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/71-11/15/79	31	10.	9.823	16.	0.5	7.196	2.683	6.78	8.7	11.	12.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/77-11/15/79	27	2.	2.074	4.	0.	0.764	0.874	1.	2.	3.	3.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/15/77-09/17/79	4 ##	6.75	183.5	720.	0.5	127960.167	357.715	**	**	**	**

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

Parameter Inventory for Station: GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	09/15/77-11/15/79	6	10.	144.167	720.	2.	81671.767	285.783	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/77-11/15/79	26 ##	50.	100.385	300.	50.	6291.846	79.321	50.	50.	125.	230.
01020	BORON, DISSOLVED (UG/L AS B)	05/15/49-11/15/79	39	130.	170.513	620.	50.	13547.099	116.392	70.	90.	220.	300.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/77-09/17/79	5 ##	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/15/77-09/17/79	5	3.	11.8	50.	0.	462.2	21.499	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/15/77-09/17/79	5	3.	11.8	50.	0.	462.2	21.499	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/17/79	5 ##	10.	6.	10.	0.	30.	5.477	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/15/77-09/17/79	5	50.	70.	190.	0.	6550.	80.932	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/15/77-09/17/79	5	50.	74.	200.	0.	7380.	85.907	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/17/79	5 ##	0.	0.3	1.5	0.	0.45	0.671	**	**	**	**
01036	COBALT, SUSPENDED (UG/L AS CO)	09/15/77-09/17/79	5	24.	101.	400.	0.	29033.	170.391	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	09/15/77-09/17/79	5	24.	101.	400.	0.	29033.	170.391	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-11/15/79	27	2.	2.111	9.	0.	4.333	2.082	0.	1.	3.	5.2
01041	COPPER, SUSPENDED (UG/L AS CU)	09/15/77-09/17/79	5	120.	211.2	470.	0.	55977.2	236.595	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/15/77-09/17/79	5	120.	211.8	470.	1.	55667.2	235.939	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	03/14/78-03/21/79	3	71000.	73816.667	150000.	450.	5597250833.333	74814.777	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/15/77-09/17/79	5	71000.	92326.	240000.	170.	10630197280.	103102.848	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/11/71-11/15/79	31	20.	21.29	110.	0.	573.28	23.943	5.	5.	30.	58.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-11/15/79	23 ##	0.	2.783	14.	0.	20.542	4.532	0.	0.	7.	11.4
01050	LEAD, SUSPENDED (UG/L AS PB)	09/15/77-09/17/79	5	16.	257.4	990.	0.	181870.8	426.463	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/15/77-09/17/79	5	16.	261.4	1000.	0.	185676.8	430.902	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/15/77-09/17/79	5	1900.	5841.8	19000.	0.	65716736.2	8106.586	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/15/77-09/17/79	5	1900.	5842.	19000.	5.	65713807.5	8106.405	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-11/15/79	27 ##	5.	6.944	50.	0.5	85.199	9.23	1.8	5.	5.	10.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-11/15/79	27 ##	10.	15.111	60.	0.	268.526	16.387	1.2	2.	20.	42.
01091	ZINC, SUSPENDED (UG/L ZN)	09/15/77-09/17/79	5	320.	589.4	1500.	7.	456471.8	675.627	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/15/77-09/17/79	5	350.	598.	1500.	10.	448870.	669.978	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/77-11/15/79	27	2.	2.333	10.	0.5	4.827	2.197	0.9	1.	3.	5.4
01146	SELENIUM, SUSPENDED (UG/L AS SE)	09/15/77-09/17/79	5	1.	2.2	5.	0.	6.7	2.588	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/15/77-09/17/79	5	5.	5.5	15.	0.5	34.	5.831	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	05/28/75-05/28/75	6	0.14	0.265	0.99	0.08	0.127	0.356	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/74-06/25/74	3	3700.	4640.667	10200.	22.	26561561.333	5153.791	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/74-06/25/74	3	3.568	2.973	4.009	1.342	2.043	1.429	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			939.885								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/74-09/15/77	4	980.5	1768.25	5100.	12.	5705677.583	2388.656	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/74-09/15/77	4	2.532	2.463	3.708	1.079	1.53	1.237	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			290.208								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/77-10/17/79	25	16.	213.66	2100.	0.5	309784.307	556.583	0.5	1.	58.5	1162.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/77-10/17/79	25	1.204	1.075	3.322	-0.301	1.293	1.137	-0.301	0.	1.763	3.007
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.876								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/15/77-11/15/79	24	365.	13520.125	110000.	6.	765441015.505	27666.605	13.	32.5	15400.	63000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/15/77-11/15/79	24	2.555	2.766	5.041	0.778	1.942	1.394	1.079	1.508	4.162	4.794
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			583.227								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/24/74-08/15/78	5	90.	3703.6	18000.	48.	63880884.8	7992.552	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/24/74-08/15/78	5	1.954	2.454	4.255	1.681	1.099	1.048	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			284.573								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	91	940.	904.516	2360.	266.	164821.919	405.983	358.4	575.	1080.	1372.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/11/71-11/15/79	31	768.	904.419	3350.	274.	442509.318	665.214	331.8	345.	1110.	1836.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	92	35.05	104.204	1960.	3.	72173.576	268.651	4.009	11.25	68.75	214.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	93	1.28	1.258	4.56	0.36	0.425	0.652	0.478	0.78	1.475	1.89
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	08/14/65-08/25/71	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	08/14/65-08/25/71	4	3.5	3.25	5.	1.	4.25	2.062	**	**	**	**
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	08/14/65-08/25/71	5	4.	10.2	28.	1.	128.7	11.345	**	**	**	**
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	08/14/65-08/25/71	5	82.	68.6	91.	13.	1002.3	31.659	**	**	**	**
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	08/14/65-08/25/71	5	87.	75.6	100.	17.	1105.3	33.246	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	39	93.	82.385	100.	25.	559.296	23.649	36.	68.	99.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	07/25/54-04/22/76	31	96.	90.452	100.	48.	186.256	13.648	67.2	87.	98.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	07/25/54-04/22/76	27	100.	97.963	100.	80.	19.96	4.468	90.8	98.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/08/54-04/22/76	10	100.	99.5	100.	98.	0.722	0.85	98.	98.75	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	08/04/61-08/29/65	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	84	42.5	42.238	84.	4.	442.111	21.026	13.5	23.	57.5	71.5
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	102	50.5	51.52	94.	5.	619.222	24.884	17.3	28.75	71.	88.7
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	07/12/57-10/25/71	8	60.5	54.25	81.	12.	747.357	27.338	**	**	**	**

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

Parameter Inventory for Station: GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	102	75.	68.618	100.	8.	747.902	27.348	24.6	44.	92.25	99.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	07/12/57-10/25/71	8	86.5	69.625	99.	17.	946.839	30.771	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	79	91.	78.418	100.	13.	603.169	24.56	39.	62.	96.	99.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	68	98.	89.029	100.	30.	279.462	16.717	66.6	84.25	99.	100.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	56	100.	96.661	100.	66.	58.992	7.681	87.7	98.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	08/04/61-07/31/76	26	100.	99.423	100.	94.	1.854	1.362	97.7	99.75	100.	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	08/04/61-08/28/72	6	100.	99.833	100.	99.	0.167	0.408	**	**	**	**
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	08/28/72-08/28/72	1	100.	100.	100.	100.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/01/47-02/01/50	56	3.55	3.564	9.	0.3	2.196	1.482	1.15	3.025	4.35	5.13
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/17/79-09/17/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/15/77-09/17/79	5	14.	34.86	110.	4.1	1968.788	44.371	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/15/77-09/17/79	5 ##	0.05	0.09	0.25	0.05	0.008	0.089	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	09/15/77-09/17/79	5	0.1	0.48	1.4	0.	0.407	0.638	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/15/77-11/15/79	6 ##	0.075	0.425	1.4	0.05	0.341	0.584	**	**	**	**
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/28/75-05/28/75	6	2.2	2.217	2.6	2.	0.042	0.204	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	129	52700.	139209.093	1130000.	9.40345751658.444		200862.519	435.	4695.	197000.	401000.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	106	2965.	277042.31	7640000.	0.11883194947364.549939784.522			6.64	167.5	51450.	884200.
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	04/13/63-05/27/71	5	3.	8.4	24.	1.	95.3	9.762	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	04/13/63-05/27/71	6	9.5	20.167	62.	7.	471.767	21.72	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	04/13/63-05/27/71	6	46.5	50.833	98.	20.	722.967	26.888	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	04/13/63-05/27/71	6	73.5	69.	100.	31.	803.2	28.341	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	04/13/63-05/27/71	5	78.	67.	98.	35.	719.5	26.823	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	04/13/63-05/27/71	5	84.	73.2	99.	45.	565.2	23.774	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	04/13/63-05/27/71	5	91.	82.4	100.	62.	295.3	17.184	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	04/13/63-05/27/71	4	95.	92.5	98.	82.	51.	7.141	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	04/13/63-05/27/71	4	100.	96.5	100.	86.	49.	7.	**	**	**	**
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	04/13/63-04/13/63	1	91.	91.	91.	91.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0009

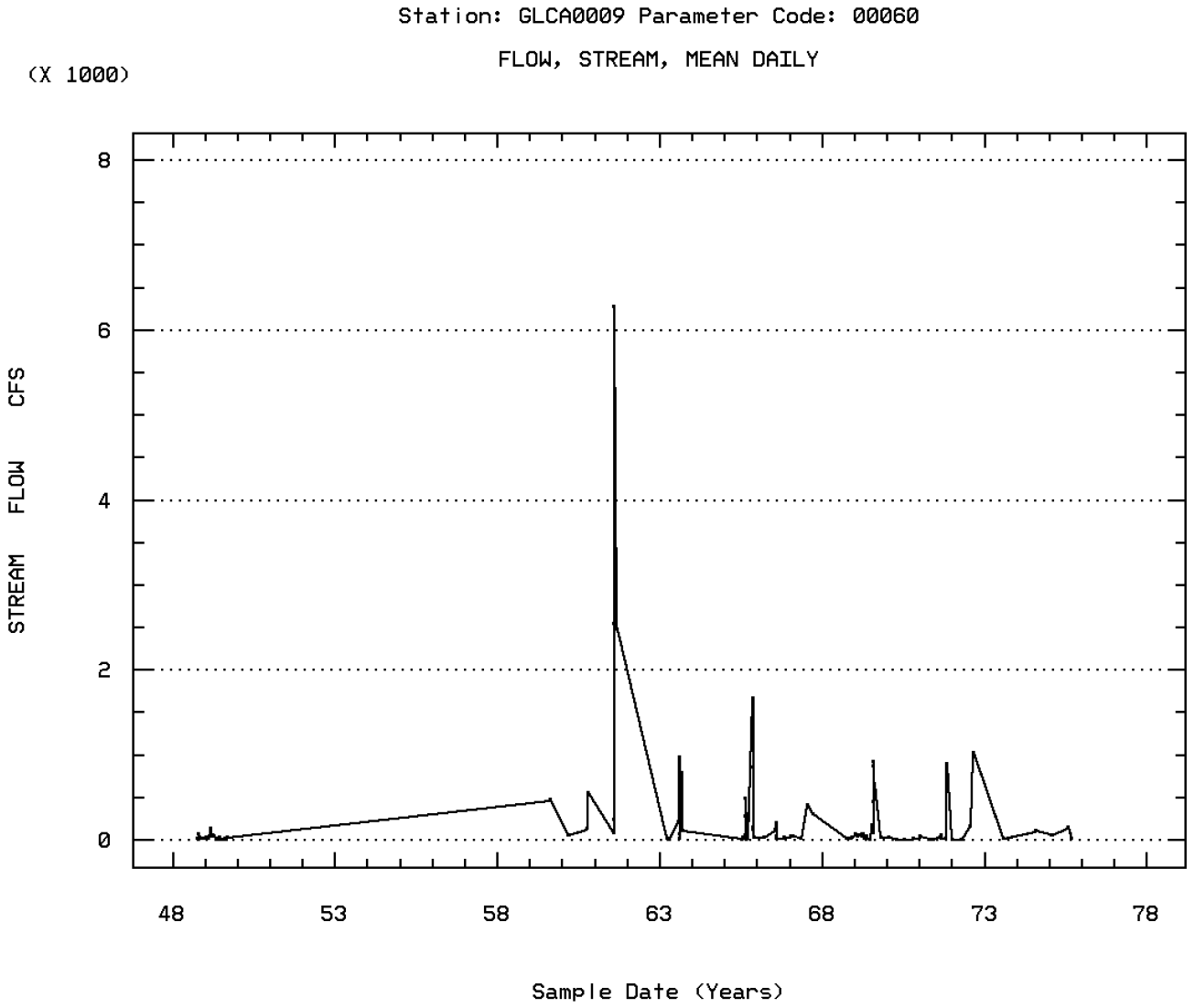
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	18	12	0.67	5	3	0.60	5	4	0.80	6	5	0.83	2	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	4	0.57	3	1	0.33	1	1	1.00	1	1	1.00	2	1	0.50
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	33	0	0.00	9	0	0.00	7	0	0.00	11	0	0.00	6	0	0.00
00400	PH	Other-Hi Lim.	9.	42	0	0.00	14	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	42	0	0.00	14	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00				2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	7	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	93	0	0.00	27	0	0.00	27	0	0.00	26	0	0.00	13	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	93	64	0.69	27	15	0.56	27	22	0.81	26	21	0.81	13	6	0.46
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
		Drinking Water	50.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	4	1	0.25	3	1	0.33				1	0	0.00			
		Drinking Water	50.	4	1	0.25	3	1	0.33				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	1	0.17	3	1	0.33	1	0	0.00	2	0	0.00			
		Drinking Water	50.	6	2	0.33	3	1	0.33	1	0	0.00	2	1	0.50			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	26	0	0.00	8	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	5.	5	0	0.00	3	0	0.00				2	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	5	2	0.40	3	1	0.33				2	1	0.50			
		Drinking Water	5.	5	2	0.40	3	1	0.33				2	1	0.50			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	2	0.40	3	1	0.33				2	1	0.50			
		Drinking Water	5.	5	2	0.40	3	1	0.33				2	1	0.50			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	3	0	0.00				2	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	5	2	0.40	3	1	0.33				2	1	0.50			
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	2	0.40	3	1	0.33				2	1	0.50			
01040	COPPER, DISSOLVED	Fresh Acute	18.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
		Drinking Water	1300.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00

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

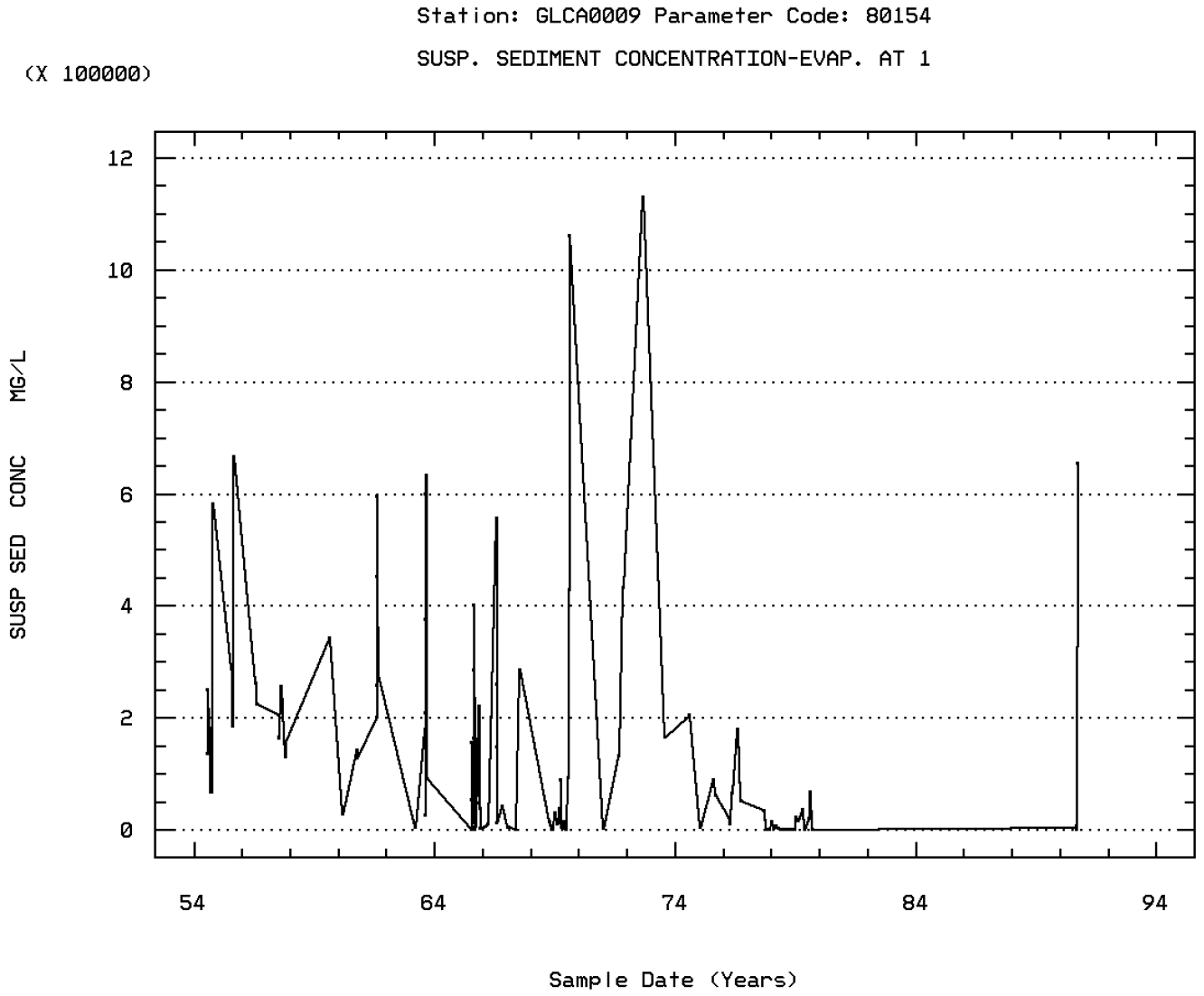
EPA Water Quality Criteria Analysis for Station: GLCA0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01041	COPPER, SUSPENDED	Fresh Acute	18.	5	3	0.60	3	1	0.33				2	2	1.00			
		Drinking Water	1300.	5	0	0.00	3	0	0.00				2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5	3	0.60	3	1	0.33				2	2	1.00			
		Drinking Water	1300.	5	0	0.00	3	0	0.00				2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	23	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00
		Drinking Water	5.	23	6	0.26	7	2	0.29	5	3	0.60	7	1	0.14	4	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	5	2	0.40	3	1	0.33				2	1	0.50			
		Drinking Water	5.	5	3	0.60	3	1	0.33				2	2	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	5	2	0.40	3	1	0.33				2	1	0.50			
		Drinking Water	5.	5	3	0.60	3	1	0.33				2	2	1.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	5	3	0.60	3	1	0.33				2	2	1.00			
01092	ZINC, TOTAL	Fresh Acute	120.	5	3	0.60	3	1	0.33				2	2	1.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
		Drinking Water	50.	27	0	0.00	9	0	0.00	6	0	0.00	8	0	0.00	4	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00				2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00				2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	2	0.67							2	2	1.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	2	0.50	1	1	1.00				2	1	0.50	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	25	4	0.16	9	1	0.11	5	0	0.00	8	2	0.25	3	1	0.33
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	56	0	0.00	14	0	0.00	19	0	0.00	16	0	0.00	7	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	2.	5	0	0.00	3	0	0.00				2	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	2.	5	0	0.00	3	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	6	0	0.00							6	0	0.00			

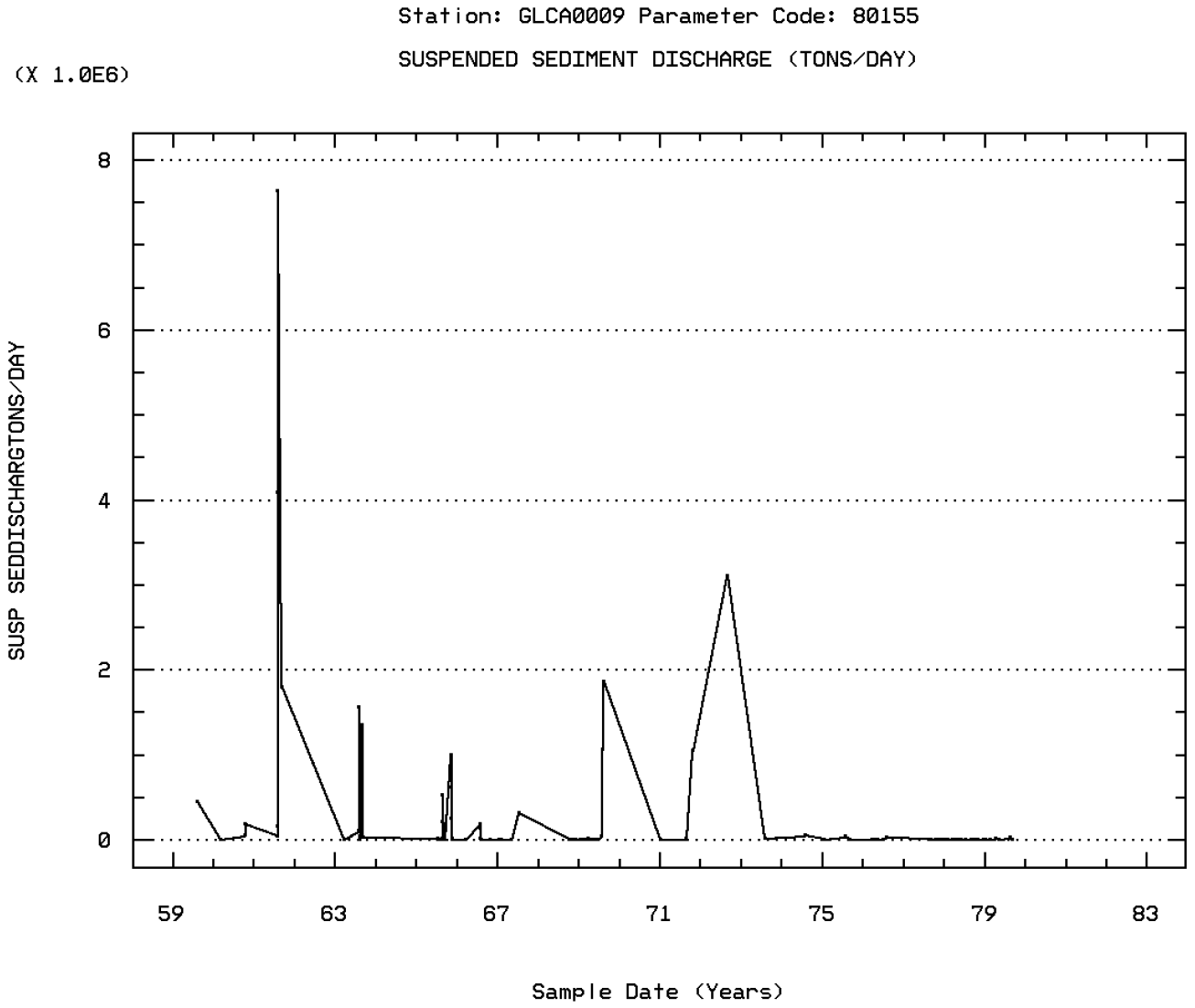
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



PARIA RIVER AT LEES FERRY, ARIZ.



PARIA RIVER AT LEES FERRY, ARIZ.



PARIA RIVER AT LEES FERRY, ARIZ.

Annual Analysis for 1947 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	7	1320.	1270.286	1510.	702.	73720.571	271.515	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	7	508.	487.286	570.	292.	8121.571	90.12	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	7	376.	331.143	398.	172.	6519.476	80.743	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	7	107.	107.429	132.	66.	452.286	21.267	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	7	58.	53.286	64.	31.	167.571	12.945	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	7	32.	32.	45.	22.	49.	7.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	7	20.	20.	28.	12.	38.	6.164	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	7	563.	522.429	630.	224.	19663.286	140.226	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	7	940.	911.714	1130.	448.	50564.905	224.866	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	7	46.	87.043	333.	5.3	12194.48	110.429	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	7	1.28	1.241	1.54	0.61	0.094	0.306	**	**	**	**

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

Annual Analysis for 1948 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	6	16.	22.667	65.	6.	451.067	21.238	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	23	1310.	1183.	2130.	556.	149959.727	387.246	566.8	877.	1400.	1578.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	23	476.	476.304	1030.	212.	31405.858	177.217	230.8	380.	540.	670.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	23	342.	322.826	814.	88.	25317.332	159.114	117.6	195.	380.	499.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	23	106.	109.826	319.	42.	2984.877	54.634	51.2	82.	124.	153.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	23	52.	49.13	86.	23.	241.573	15.543	26.4	36.	59.	65.4
00932	SODIUM, PERCENT	10/01/47-11/15/79	23	30.	30.13	37.	19.	20.846	4.566	23.	29.	34.	35.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	23	21.	19.13	25.	12.	17.209	4.148	12.4	16.	22.	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	23	549.	481.87	1060.	148.	45990.937	214.455	163.6	299.	596.	714.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	23	937.	852.217	1720.	337.	101731.814	318.954	359.8	587.	1040.	1176.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	23	22.	41.287	302.	3.6	3761.569	61.332	3.92	10.	49.	79.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	23	1.27	1.16	2.34	0.46	0.188	0.433	0.494	0.8	1.41	1.602

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

Annual Analysis for 1949 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	18	13.5	23.389	137.	3.	998.487	31.599	3.	4.75	26.5	58.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	24	1430.	1372.5	2830.	609.	224005.391	473.292	691.	1122.5	1575.	1885.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	24	518.5	554.542	1320.	244.	50065.737	223.754	279.	422.	654.75	784.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	24	359.	392.333	992.	124.	33423.362	182.821	168.	275.25	498.	586.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	24	119.	132.375	376.	50.	4644.853	68.153	60.	93.5	157.	221.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	24	56.	54.583	94.	27.	291.297	17.067	28.5	39.5	64.25	78.5
00932	SODIUM, PERCENT	10/01/47-11/15/79	24	30.	29.917	42.	16.	35.384	5.948	23.	26.	33.5	39.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	24	22.	21.375	32.	12.	24.245	4.924	13.5	19.	24.	28.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	24	597.	577.583	1420.	169.	67714.688	260.22	226.	440.25	661.75	855.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	24	1010.	998.333	2360.	374.	169812.319	412.083	441.5	784.5	1145.	1430.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	24	40.5	65.433	396.	3.3	6977.16	83.529	4.25	19.5	85.25	148.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	24	1.375	1.359	3.21	0.51	0.314	0.561	0.6	1.065	1.56	1.945

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

Annual Analysis for 1950 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	3	1390.	1420.	1500.	1370.	4900.	70.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	3	558.	568.333	597.	550.	632.333	25.146	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	3	378.	384.333	398.	377.	140.333	11.846	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	3	120.	124.	132.	120.	48.	6.928	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	3	63.	63.	65.	61.	4.	2.	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	3	31.	30.667	31.	30.	0.333	0.577	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	3	23.	25.667	31.	23.	21.333	4.619	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	3	570.	575.667	600.	557.	486.333	22.053	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	3	997.	1021.	1080.	986.	2641.	51.391	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	3	86.	79.	87.	64.	169.	13.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	3	1.36	1.39	1.47	1.34	0.005	0.07	**	**	**	**

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

Annual Analysis for 1954 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**

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

Annual Analysis for 1955 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	3	24.	24.	26.	22.	4.	2.	**	**	**	**

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

Annual Analysis for 1956 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	2	23.	23.	24.	22.	2.	1.414	**	**	**	**

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

Annual Analysis for 1957 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	8	20.5	20.55	34.	9.4	56.706	7.53	**	**	**	**

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

Annual Analysis for 1959 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	1	478.	478.	478.	478.	0.	0.	**	**	**	**

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

Annual Analysis for 1960 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	3	12.8	12.233	15.6	8.3	13.563	3.683	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	3	129.	243.333	551.	50.	72554.333	269.359	**	**	**	**

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

Annual Analysis for 1961 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	5	25.	23.34	25.6	18.9	7.908	2.812	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	5	2470.	2320.2	6270.	86.	6252845.2	2500.569	**	**	**	**

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

Annual Analysis for 1963 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	9	21.1	18.956	23.3	6.1	26.658	5.163	6.1	17.8	21.4	23.3
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	9	102.	333.222	965.	6.	162291.194	402.854	6.	15.5	807.5	965.

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

Annual Analysis for 1965 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	18	23.05	22.161	30.6	5.6	33.67	5.803	11.54	20.975	25.875	28.53
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	25	35.	237.12	1670.	4.	200096.777	447.322	8.2	12.5	207.5	1104.8

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

Annual Analysis for 1966 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	5	21.7	16.78	28.9	3.3	115.707	10.757	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	6	30.	67.833	196.	8.	5569.367	74.628	**	**	**	**

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

Annual Analysis for 1967 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	5	7.8	13.34	25.6	6.1	86.513	9.301	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	6	44.	141.833	410.	10.	29493.767	171.737	**	**	**	**

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

Annual Analysis for 1968 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	3	9.	10.	14.	7.	13.	3.606	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	3	14.	17.667	28.	11.	82.333	9.074	**	**	**	**

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

Annual Analysis for 1969 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	17	17.	16.5	27.	4.	55.688	7.462	4.8	11.	24.25	26.2
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	19	56.	191.	920.	3.	88652.889	297.746	11.	21.	175.	870.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	4	1780.	1740.	2000.	1400.	88800.	297.993	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	1	656.	656.	656.	656.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	1	152.	152.	152.	152.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	1	722.	722.	722.	722.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	1	68.	68.	68.	68.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	1	1.63	1.63	1.63	1.63	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	5	21.	17.5	32.5	5.	124.	11.136	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	6	6.5	14.	31.	5.	164.8	12.837	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	5	701.	818.8	1270.	575.	83675.7	289.268	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	4	311.	336.	498.	224.	14360.	119.833	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	4	175.5	196.5	342.	93.	11715.	108.236	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	4	72.5	76.75	110.	52.	658.25	25.656	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	4	31.5	35.	54.	23.	184.667	13.589	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	4	26.	26.25	30.	23.	10.917	3.304	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	4	18.5	18.25	23.	13.	18.25	4.272	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	4	250.5	289.25	514.	142.	27426.25	165.609	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	4	569.	617.25	937.	394.	57062.25	238.877	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	4	10.19	25.453	75.9	5.53	1148.299	33.887	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	4	0.775	0.84	1.27	0.54	0.103	0.321	**	**	**	**

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

Annual Analysis for 1971 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	9	17.5	17.278	32.	0.	92.194	9.602	0.	11.	24.	32.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	8	10.5	127.	895.	1.	96651.429	310.888	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	6	1055.	1308.833	2530.	513.	573580.167	757.351	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	4	655.	652.5	1100.	200.	181825.	426.409	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	4	490.	502.25	950.	79.	165040.25	406.251	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	4	167.5	178.5	330.	49.	17859.	133.638	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	4	54.5	50.5	73.	20.	577.667	24.035	**	**	**	**

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Annual Analysis for 1971 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932	SODIUM, PERCENT	10/01/47-11/15/79	4	26.	26.	33.	19.	43.333	6.583	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	4	14.	14.5	20.	10.	19.667	4.435	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	4	680.	722.5	1400.	130.	312891.667	559.367	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	3	1490.	1488.667	2120.	856.	399425.333	632.001	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	3	30.6	32.067	35.6	30.	9.453	3.075	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	4	1.595	1.63	2.88	0.45	1.112	1.054	**	**	**	**

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

Annual Analysis for 1972 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	4	20.25	17.5	29.	0.5	148.833	12.2	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	4	79.5	295.25	1020.	2.	238584.917	488.452	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	3	1580.	1973.333	3700.	640.	2456933.333	1567.461	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	1	4.56	4.56	4.56	4.56	0.	0.	**	**	**	**

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

Annual Analysis for 1973 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	1	104.	104.	104.	104.	0.	0.	**	**	**	**

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

Annual Analysis for 1975 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	3	22.	19.	27.	8.	97.	9.849	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	3	48.	71.333	151.	15.	5032.333	70.939	**	**	**	**

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

Annual Analysis for 1976 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	5	23.	20.6	24.	15.	15.3	3.912	**	**	**	**

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

Annual Analysis for 1977 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	4	14.	13.	20.	4.	60.667	7.789	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	4	1055.	1030.	1460.	550.	139266.667	373.184	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	4	435.	400.	510.	220.	15800.	125.698	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	4	305.	264.5	350.	98.	12787.667	113.083	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	4	87.5	91.75	140.	52.	1318.917	36.317	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	4	44.5	41.5	55.	22.	221.667	14.888	**	**	**	**
00932	SODIUM, PERCENT	10/01/47-11/15/79	4	28.5	30.	39.	24.	40.667	6.377	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	4	16.5	15.75	20.	10.	21.583	4.646	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	4	405.	400.	650.	140.	43533.333	208.646	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	4	800.5	771.	1140.	343.	107210.	327.429	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	4	34.8	27.7	36.9	4.3	244.4	15.633	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	4	1.09	1.05	1.55	0.47	0.197	0.444	**	**	**	**

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

Annual Analysis for 1978 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	13	17.	16.923	31.5	0.	118.619	10.891	1.6	7.25	27.	30.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	13	630.	819.231	1700.	435.	165895.192	407.302	437.	520.	1080.	1600.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	11	230.	275.455	450.	160.	11347.273	106.524	166.	190.	410.	446.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	11	110.	148.182	290.	64.	8352.964	91.395	64.8	74.	270.	288.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	11	54.	62.455	120.	32.	765.673	27.671	33.2	44.	83.	116.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	11	23.	28.818	53.	19.	140.764	11.864	19.2	22.	36.	52.2
00932	SODIUM, PERCENT	10/01/47-11/15/79	10	29.5	32.5	48.	24.	76.056	8.721	24.2	26.	38.75	47.9
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	11	12.	14.455	25.	9.	27.073	5.203	9.4	11.	17.	24.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	11	180.	269.091	600.	120.	29849.091	172.769	120.	140.	450.	582.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	11	397.	548.	1090.	266.	80307.8	283.386	276.2	334.	818.	1061.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	11	10.7	93.265	798.	3.	55424.526	235.424	3.106	3.59	76.2	653.74
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	11	0.54	0.745	1.48	0.36	0.149	0.385	0.374	0.45	1.11	1.442

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

Annual Analysis for 1979 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	10	17.75	16.35	31.	3.	98.725	9.936	3.3	6.375	26.25	30.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	10	1400.	1359.5	2230.	505.	210774.722	459.102	551.	1092.5	1540.	2185.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	11	510.	487.273	950.	140.	60961.818	246.904	150.	210.	560.	920.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	10	370.	355.6	810.	0.	63209.6	251.415	9.2	93.5	485.	794.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	11	110.	116.818	260.	35.	4757.164	68.972	36.6	47.	140.	250.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	11	52.	47.727	74.	13.	437.818	20.924	14.6	23.	65.	72.4
00932	SODIUM, PERCENT	10/01/47-11/15/79	11	34.	38.727	72.	27.	157.618	12.555	27.4	30.	43.	66.8
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	11	25.	21.	32.	5.	87.4	9.349	5.8	11.	28.	32.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	11	620.	610.	1200.	150.	105900.	325.423	152.	350.	810.	1160.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	11	1120.	1096.182	2050.	305.	265692.164	515.453	312.8	689.	1390.	1966.

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

Annual Analysis for 1979 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	11	60.7	310.708	1960.	3.9	334690.094	578.524	4.158	22.9	301.	1693.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	11	1.52	1.492	2.79	0.41	0.493	0.702	0.422	0.94	1.89	2.676

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	57	21.7	21.07	30.6	11.	21.239	4.609	12.96	18.95	23.3	27.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	49	55.	416.571	6270.	3.	1022518.125	1011.196	8.	12.5	393.	965.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	37	54.	508.865	6270.	3.	1350425.731	1162.078	4.	5.	456.5	1854.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	27	1110.	1181.111	2830.	435.	382336.641	618.334	488.	683.	1530.	2026.
00400	PH (STANDARD UNITS)	10/21/69-11/15/79	14	8.1	8.114	8.7	7.5	0.129	0.359	7.55	7.875	8.4	8.65
00400	CONVERTED PH (STANDARD UNITS)	10/21/69-11/15/79	14	8.089	7.98	8.7	7.5	0.148	0.385	7.55	7.875	8.4	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/69-11/15/79	14	0.008	0.01	0.032	0.002	0.	0.009	0.002	0.004	0.013	0.028
00440p	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	24	166.5	190.	405.	110.	4699.565	68.553	134.5	150.	220.75	304.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	27	452.	503.444	1320.	160.	85509.795	292.421	190.	263.	660.	956.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	27	277.	351.111	992.	64.	67796.026	260.377	87.2	148.	520.	774.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	27	106.	126.556	376.	32.	7474.103	86.453	43.8	61.	161.	266.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	27	39.	45.667	94.	19.	463.231	21.523	20.8	27.	66.	75.6
00932p	SODIUM, PERCENT	10/01/47-11/15/79	27	28.	27.926	45.	17.	34.379	5.863	21.4	24.	30.	35.
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	17	93.	98.353	241.	32.	3807.243	61.703	33.6	44.5	132.5	200.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	27	16.	16.926	28.	9.	33.148	5.757	9.8	12.	21.	25.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	27	463.	518.444	1420.	120.	133952.949	365.996	136.	214.	722.	1080.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	27	856.	909.111	2360.	266.	302242.487	549.766	314.6	448.	1200.	1728.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	26	17.25	62.668	628.	3.	18199.69	134.906	3.503	4.675	37.675	207.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	27	1.16	1.237	3.21	0.36	0.559	0.748	0.426	0.61	1.63	2.352
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	20	89.5	75.	100.	25.	735.053	27.112	27.	52.	99.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	39	39.	38.256	78.	4.	481.406	21.941	10.	19.	53.	73.
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	49	49.	46.939	94.	5.	679.85	26.074	12.	25.5	65.5	90.
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	49	73.	62.633	100.	8.	869.821	29.493	16.	36.	90.	98.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	38	91.5	74.474	100.	13.	845.661	29.08	21.9	49.5	96.	100.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	32	98.	84.906	100.	30.	476.733	21.834	42.5	72.	99.	100.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	26	100.	93.885	100.	66.	112.266	10.596	74.	93.25	100.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	60	136500.	212110.95	1130000.	15.63	156289707.404	251309.152	200.5	14550.	267000.	599600.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	46	21600.	554993.733	7640000.	0.17	**********	1366234.68	0.817	344.5	266000.	1818000.

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	18	5.3	5.244	9.4	0.	9.779	3.127	0.	3.225	8.125	9.04
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	22	30.5	216.773	1670.	2.	226149.232	475.552	13.3	18.75	79.5	1297.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	20	18.	135.6	2290.	7.	257364.674	507.311	9.1	15.25	25.5	69.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	28	1320.	1289.393	2130.	513.	106921.062	326.988	805.5	1110.	1460.	1625.
00400	PH (STANDARD UNITS)	10/21/69-11/15/79	9	8.1	7.933	8.4	7.	0.233	0.482	7.	7.6	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/21/69-11/15/79	9	8.1	7.656	8.4	7.	0.319	0.565	7.	7.6	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/69-11/15/79	9	0.008	0.022	0.1	0.004	0.001	0.031	0.004	0.004	0.028	0.1
00440p	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	25	190.	192.08	259.	142.	1048.41	32.379	148.8	171.	204.5	249.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	27	515.	499.444	1030.	140.	29659.949	172.221	224.	450.	558.	644.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	27	367.	341.704	814.	0.	23858.678	154.463	78.	310.	380.	472.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	27	109.	110.815	319.	35.	2516.772	50.167	53.	92.	120.	139.2
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	27	58.	54.185	86.	13.	269.772	16.425	21.6	52.	63.	66.2
00932p	SODIUM, PERCENT	10/01/47-11/15/79	26	30.5	33.115	72.	22.	90.906	9.534	26.5	29.75	34.	46.3
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	20	111.	115.85	155.	83.	380.555	19.508	87.5	102.25	130.	144.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	27	22.	21.111	32.	10.	32.641	5.713	11.8	17.	25.	29.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	27	549.	521.074	1060.	130.	33196.225	182.198	236.	420.	588.	717.6
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	26	939.5	949.577	1720.	397.	61299.534	247.587	654.2	838.	1070.	1236.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	27	47.	59.97	302.	10.7	2947.164	54.288	20.8	35.1	66.	96.4
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	27	1.28	1.261	2.34	0.45	0.135	0.368	0.732	1.11	1.46	1.65
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	3	97.	96.667	100.	93.	12.333	3.512	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	13	37.	39.308	68.	15.	331.397	18.204	15.8	21.5	51.	68.
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	14	47.	47.5	86.	19.	497.962	22.315	19.5	25.75	64.25	83.
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	14	75.	64.786	99.	26.	693.412	26.333	27.5	34.75	87.	97.5

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	11	69.	73.545	97.	45.	391.073	19.776	45.8	58.	95.	96.8
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	10	89.5	90.5	100.	80.	57.611	7.59	80.3	84.5	98.25	99.9
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	9	99.	99.111	100.	97.	1.111	1.054	97.	98.5	100.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	19	14700.	44594.263	220000.	131.	4326163333.76	65773.576	200.	1290.	47500.	157000.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	18	1226.5	105843.122	992000.	5.871942710696.034		268221.384	8.32	67.5	13650.	650000.

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	33	14.	14.27	27.	5.	44.828	6.695	6.1	7.9	20.	24.2
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	30	22.5	30.6	137.	2.	815.903	28.564	5.	9.	47.75	59.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	22	26.	54.727	354.	4.	7661.732	87.531	4.3	13.	47.75	218.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	30	1365.	1208.833	2230.	550.	159446.833	399.308	580.3	857.75	1450.	1597.
00400	PH (STANDARD UNITS)	10/21/69-11/15/79	12	8.25	8.142	8.6	7.	0.172	0.414	7.27	7.95	8.4	8.54
00400	CONVERTED PH (STANDARD UNITS)	10/21/69-11/15/79	12	8.247	7.848	8.6	7.	0.266	0.515	7.27	7.95	8.4	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/69-11/15/79	12	0.006	0.014	0.1	0.003	0.001	0.027	0.003	0.004	0.011	0.074
00440p	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	22	172.	181.	244.	136.	912.857	30.214	137.2	159.	210.5	223.1
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	26	480.	466.308	950.	210.	21740.222	147.446	240.1	399.5	526.25	604.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	25	320.	316.2	810.	91.	19409.917	139.319	118.8	266.	369.	435.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	26	112.5	107.231	260.	47.	1729.385	41.586	52.7	81.	120.5	140.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	26	51.	48.269	74.	23.	190.765	13.812	25.1	36.	58.25	64.5
00932p	SODIUM, PERCENT	10/01/47-11/15/79	26	33.5	33.731	48.	19.	39.485	6.284	25.4	30.75	37.25	42.3
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	18	118.	111.5	162.	27.	1275.912	35.72	45.9	96.5	135.	157.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	26	21.5	20.308	32.	5.	33.902	5.823	12.4	16.75	23.25	28.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	26	562.5	525.	1200.	140.	47110.88	217.05	160.9	425.	622.25	689.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	26	993.5	928.154	2050.	357.	115691.335	340.134	385.9	755.5	1082.5	1160.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	26	60.	182.556	1960.	3.6	160122.191	400.153	5.197	21.7	129.5	516.6
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	26	1.355	1.263	2.79	0.49	0.214	0.463	0.528	1.025	1.473	1.58
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	8	96.	95.125	100.	88.	17.268	4.155	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	18	56.	55.	81.	21.	225.647	15.022	25.5	50.75	61.75	76.5
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	19	72.	71.158	94.	31.	208.363	14.435	49.	68.	78.	91.
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	19	91.	89.684	100.	74.	65.339	8.083	74.	85.	97.	99.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	14	94.	92.786	100.	81.	29.104	5.395	83.5	89.5	97.	99.5
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	12	98.5	97.167	100.	91.	10.697	3.271	91.	95.25	99.75	100.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	10	100.	99.5	100.	98.	0.722	0.85	98.	98.75	100.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	26	8140.	15688.115	88200.	34.	439857870.106	20972.789	628.9	2925.	22125.	45380.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	26	760.	2184.285	16700.	0.41	13643544.727	3693.717	14.1	107.25	3025.	6735.

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0009

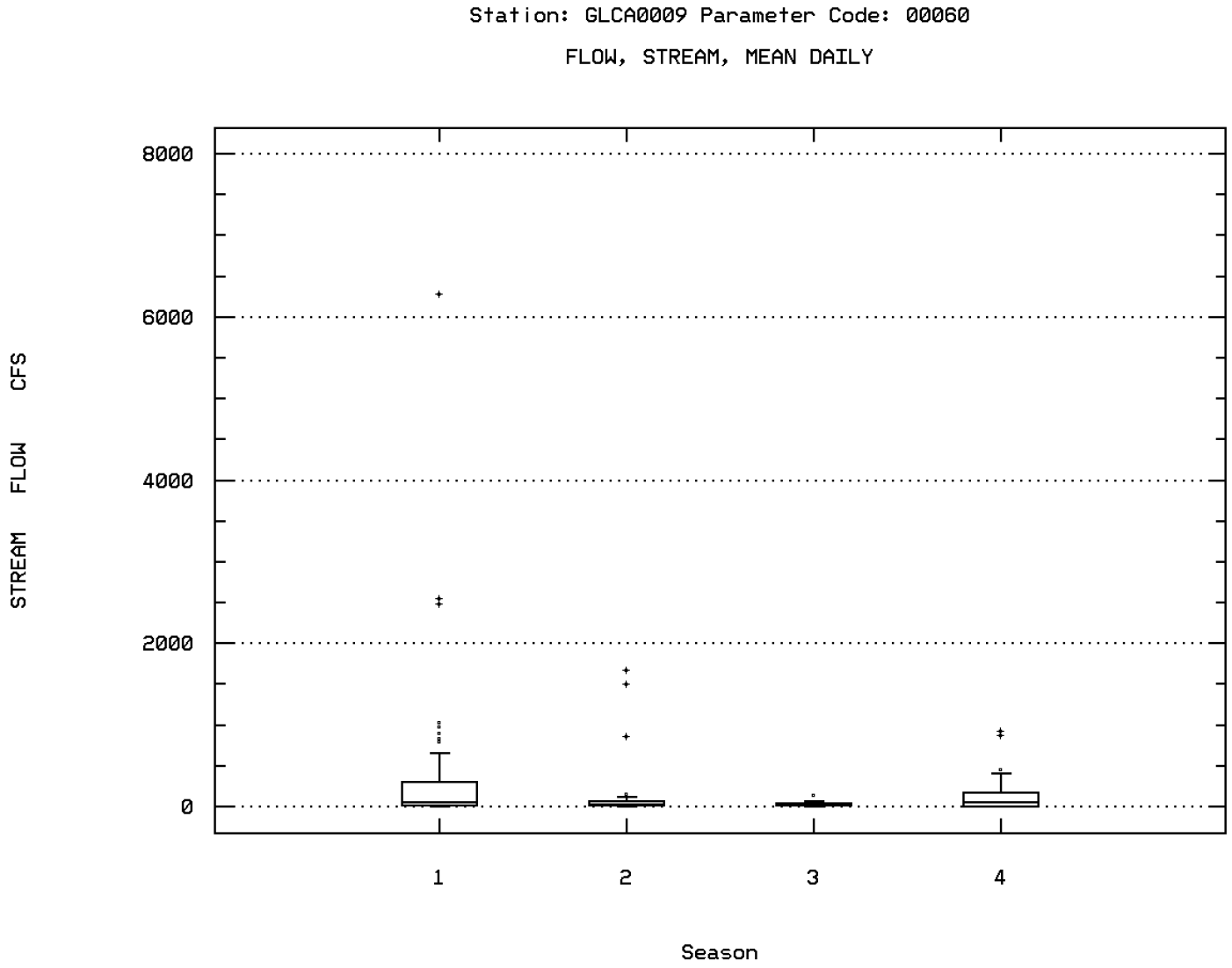
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/54-11/15/79	27	26.	26.237	34.	19.	14.379	3.792	21.36	24.	28.3	32.1
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/48-09/15/75	23	35.	163.13	920.	1.	68569.664	261.858	3.4	5.	175.	702.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/47-09/24/90	16	43.5	120.125	645.	4.	30623.583	174.996	4.	5.5	185.25	448.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/47-11/15/79	17	1135.	1307.941	3700.	540.	663745.434	814.706	552.8	619.5	1850.	2340.
00400	PH (STANDARD UNITS)	10/21/69-11/15/79	7	8.1	7.9	8.7	6.8	0.527	0.726	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/69-11/15/79	7	8.1	7.386	8.7	6.8	0.835	0.914	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/69-11/15/79	7	0.008	0.041	0.158	0.002	0.004	0.063	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/01/47-12/14/78	11	160.	169.727	249.	117.	1927.618	43.905	117.6	130.	211.	244.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/47-11/15/79	13	368.	490.615	1600.	190.	151114.756	388.735	198.	216.	622.5	1278.8
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/47-11/15/79	13	239.	358.462	1400.	83.	130658.103	361.467	85.	113.	471.	1084.4

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

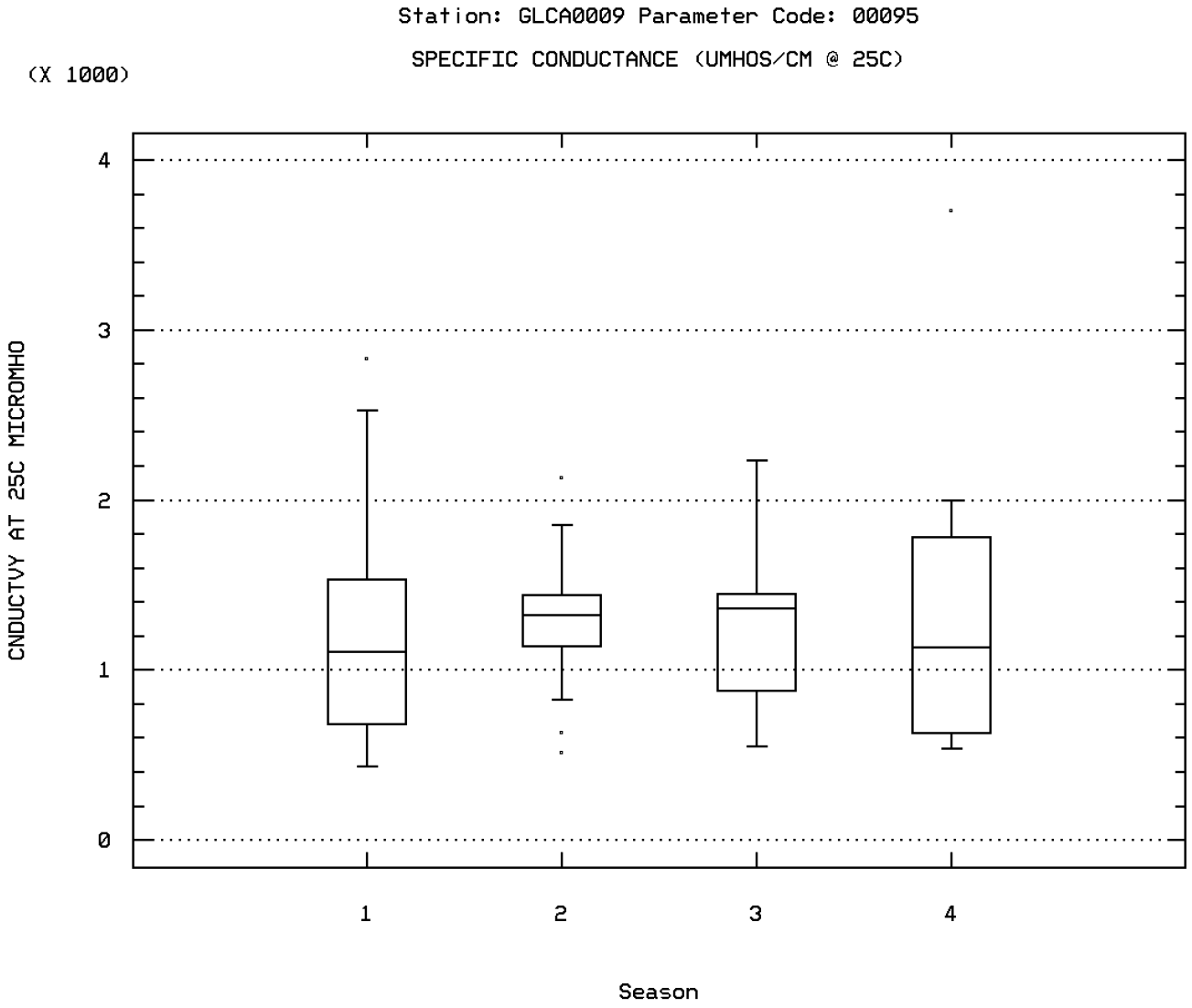
Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/47-11/15/79	13	90.	123.231	460.	38.	13664.192	116.894	39.6	47.5	151.5	368.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/47-11/15/79	13	35.	44.462	110.	23.	638.103	25.261	23.	24.5	57.5	93.6
00932p	SODIUM, PERCENT	10/01/47-11/15/79	13	29.	28.077	39.	16.	34.077	5.838	18.8	24.	32.	37.
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/01/47-11/15/79	9	60.	88.222	180.	34.	3146.444	56.093	34.	38.5	144.	180.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/01/47-11/15/79	13	18.	21.308	50.	11.	111.397	10.554	11.8	13.5	25.5	42.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/01/47-11/15/79	13	319.	527.	2200.	148.	322831.667	568.183	148.8	155.	708.	1678.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/47-11/15/79	12	540.5	745.333	1470.	334.	198085.152	445.068	334.9	349.	1167.5	1446.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/01/47-11/15/79	13	6.	122.445	1400.	3.53	147624.912	384.22	3.598	3.885	30.2	863.6
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/47-11/15/79	13	0.81	1.287	4.56	0.45	1.303	1.141	0.454	0.485	1.77	3.536
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	07/21/54-09/24/90	8	92.	82.75	100.	29.	591.357	24.318	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/12/57-09/26/76	14	38.5	39.643	84.	8.	525.632	22.927	10.5	22.25	51.75	79.
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/54-09/26/76	20	41.	46.9	93.	10.	561.884	23.704	16.5	29.75	60.5	89.5
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/54-09/26/76	20	72.5	65.95	99.	13.	687.418	26.219	22.9	46.25	88.75	99.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/28/54-09/26/76	16	85.5	78.563	100.	29.	515.063	22.695	36.	60.5	97.5	100.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/28/54-09/26/76	14	95.5	90.429	100.	63.	147.802	12.157	65.5	83.5	99.25	100.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/28/54-09/26/76	11	99.	98.636	100.	93.	4.455	2.111	93.8	98.	100.	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/21/54-09/24/90	24	159000.	165672.25	555000.	9.19421701525.065		139361.765	392.5	48725.	257250.	357500.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/13/59-09/17/79	16	20150.	117175.346	1060000.	0.1170713483030.488		265920.069	0.257	361.075	115100.	537800.

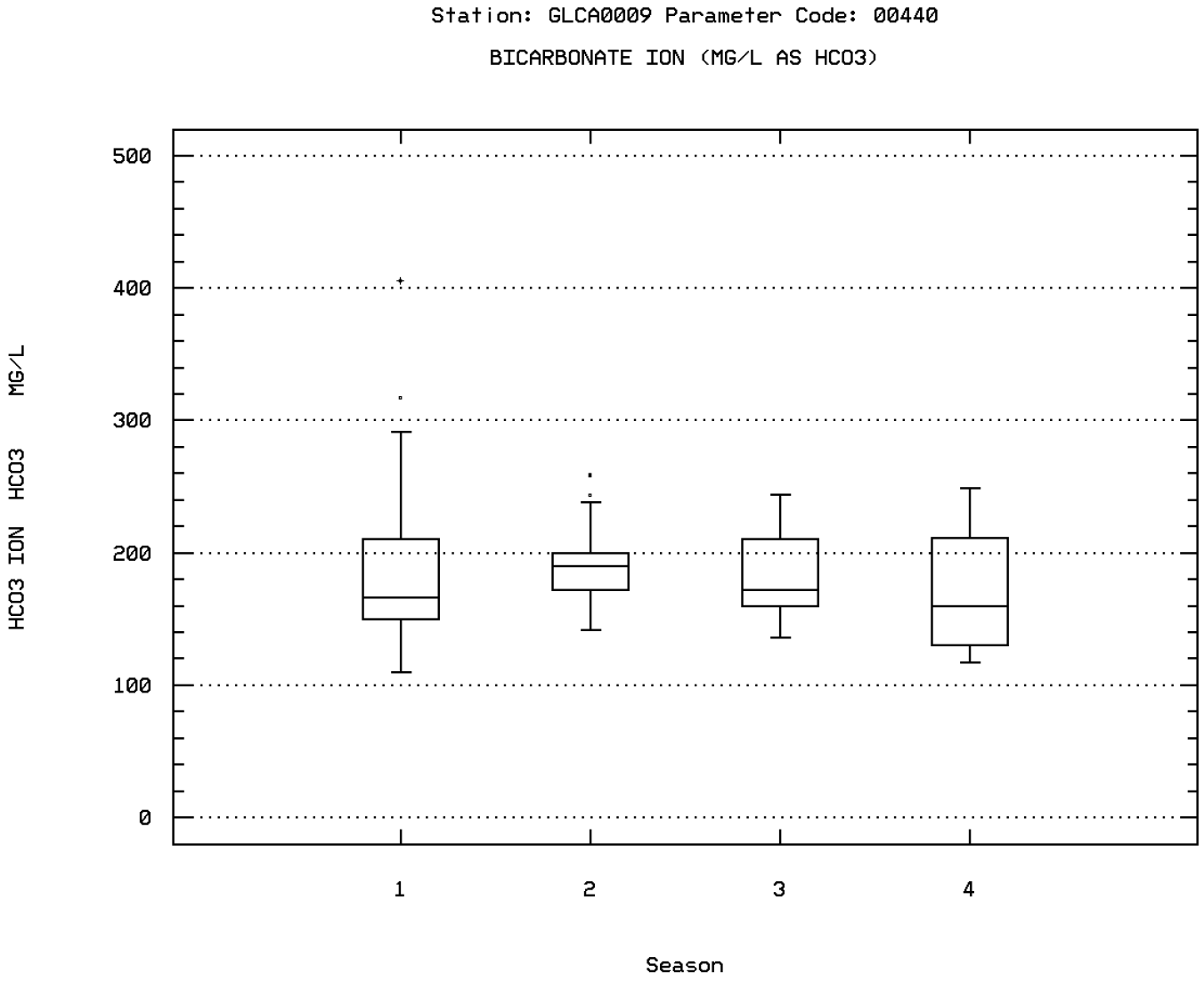
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



PARIA RIVER AT LEES FERRY, ARIZ.



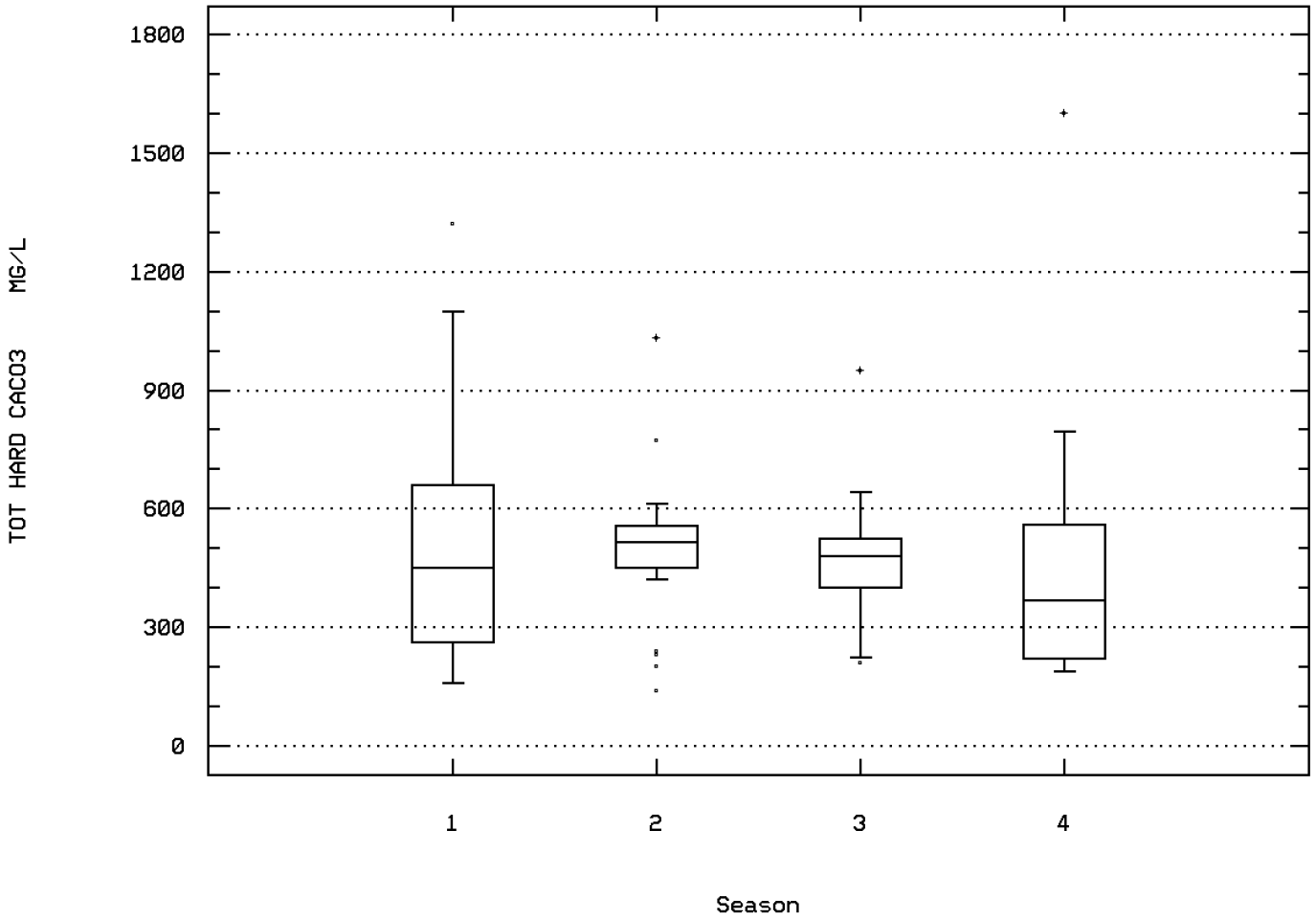
PARIA RIVER AT LEES FERRY, ARIZ.



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00900

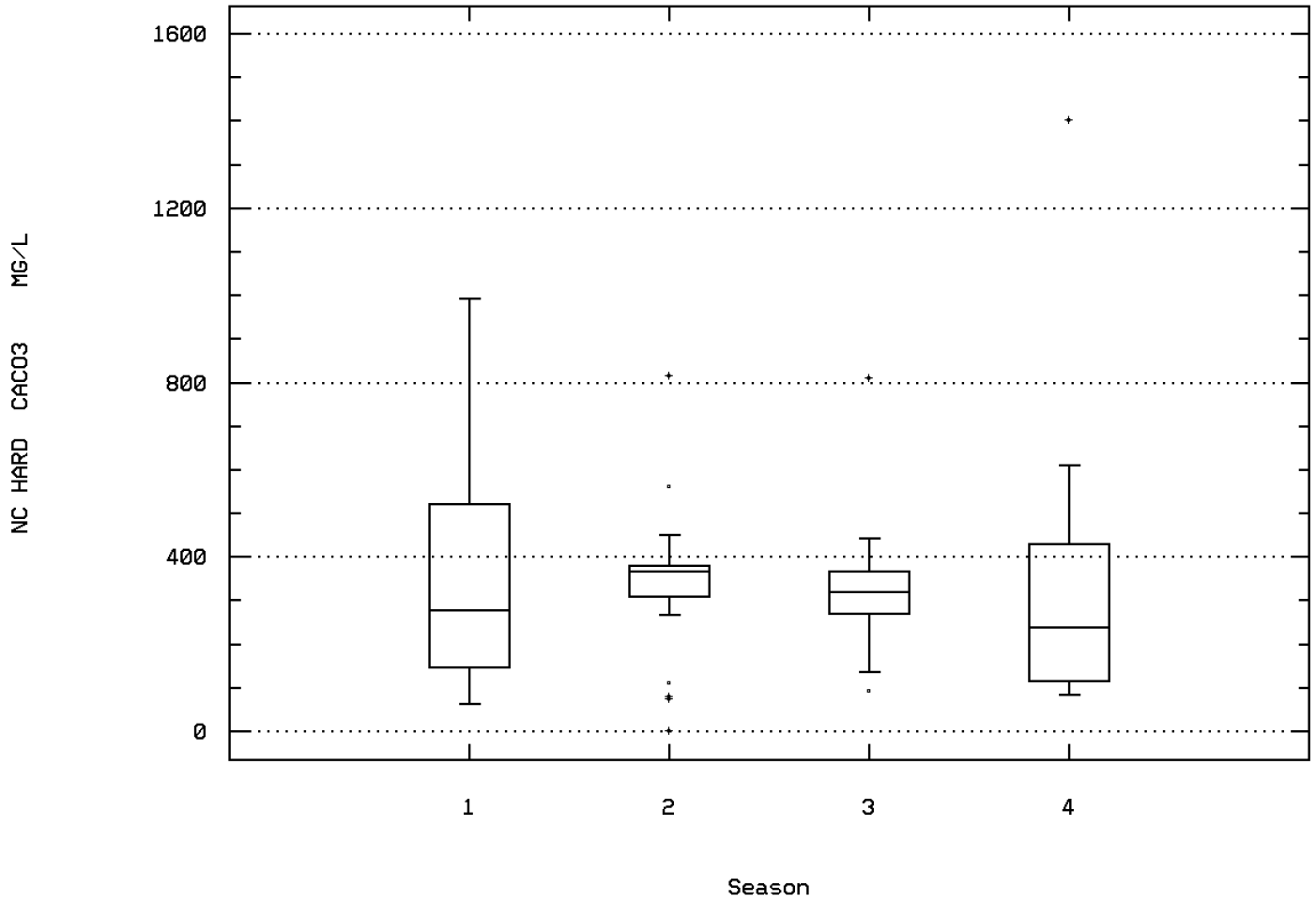
HARDNESS, TOTAL (MG/L AS CACO3)



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00902

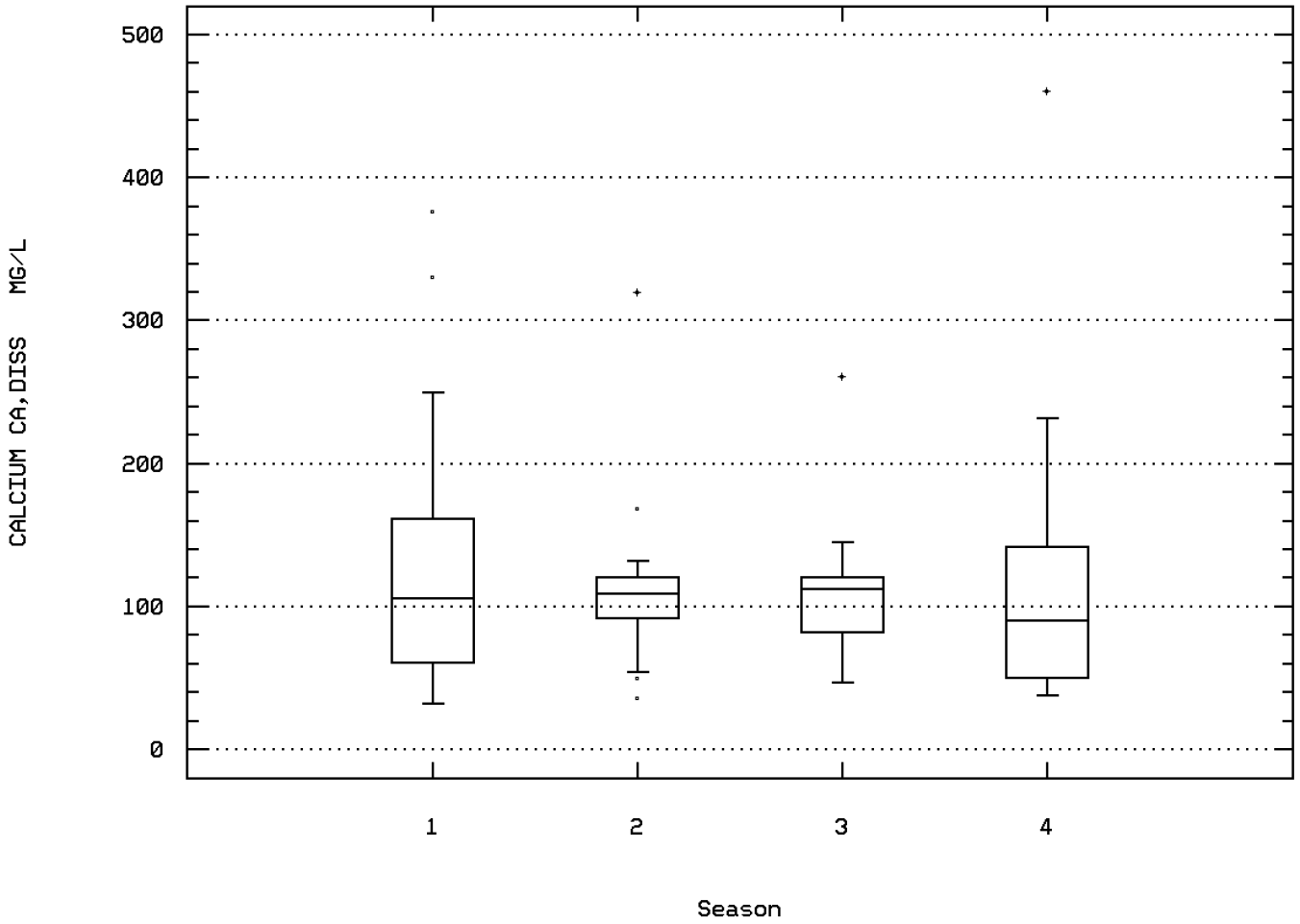
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00915

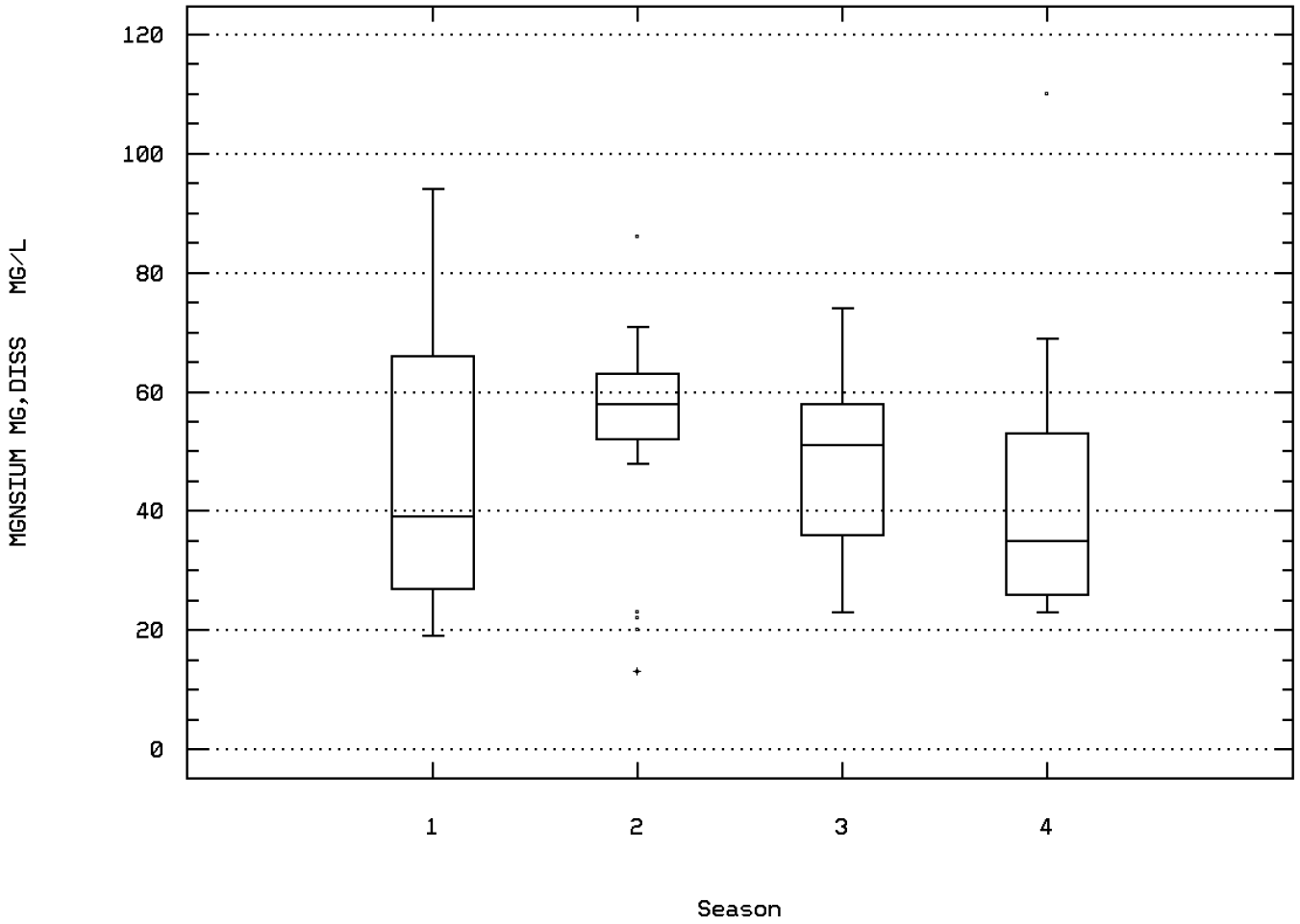
CALCIUM, DISSOLVED (MG/L AS CA)



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00925

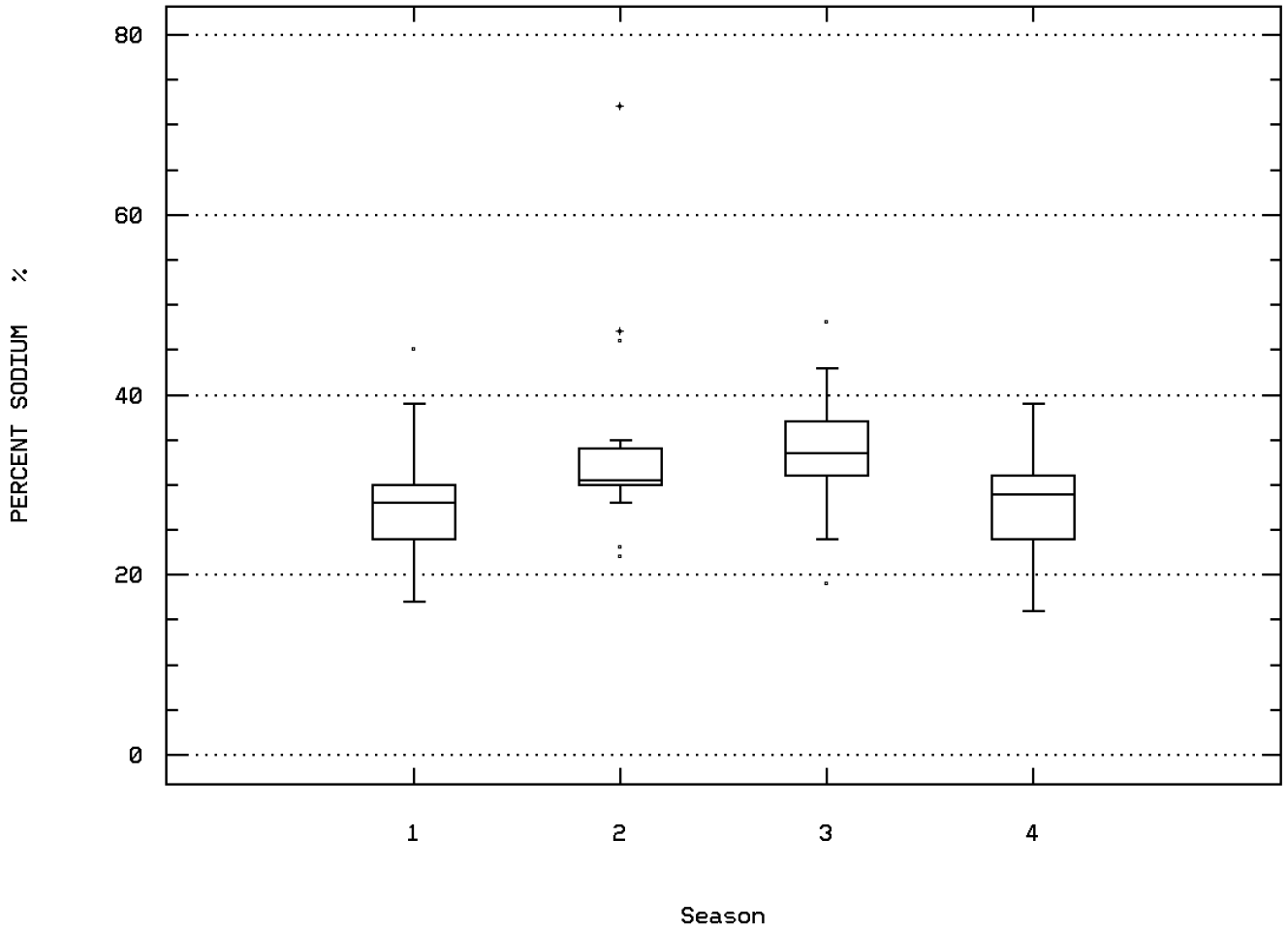
MAGNESIUM, DISSOLVED (MG/L AS MG)



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00932

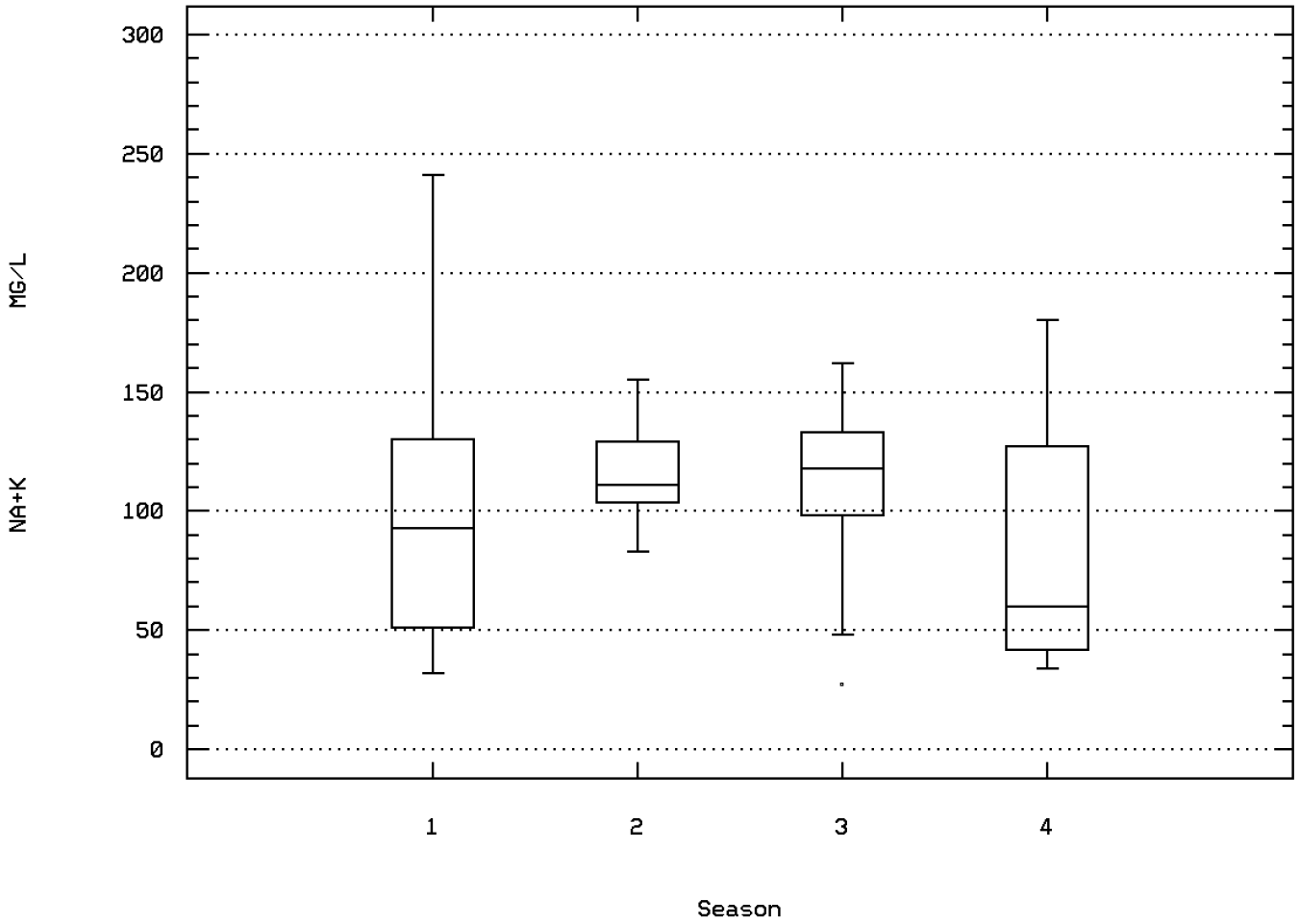
SODIUM, PERCENT



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00933

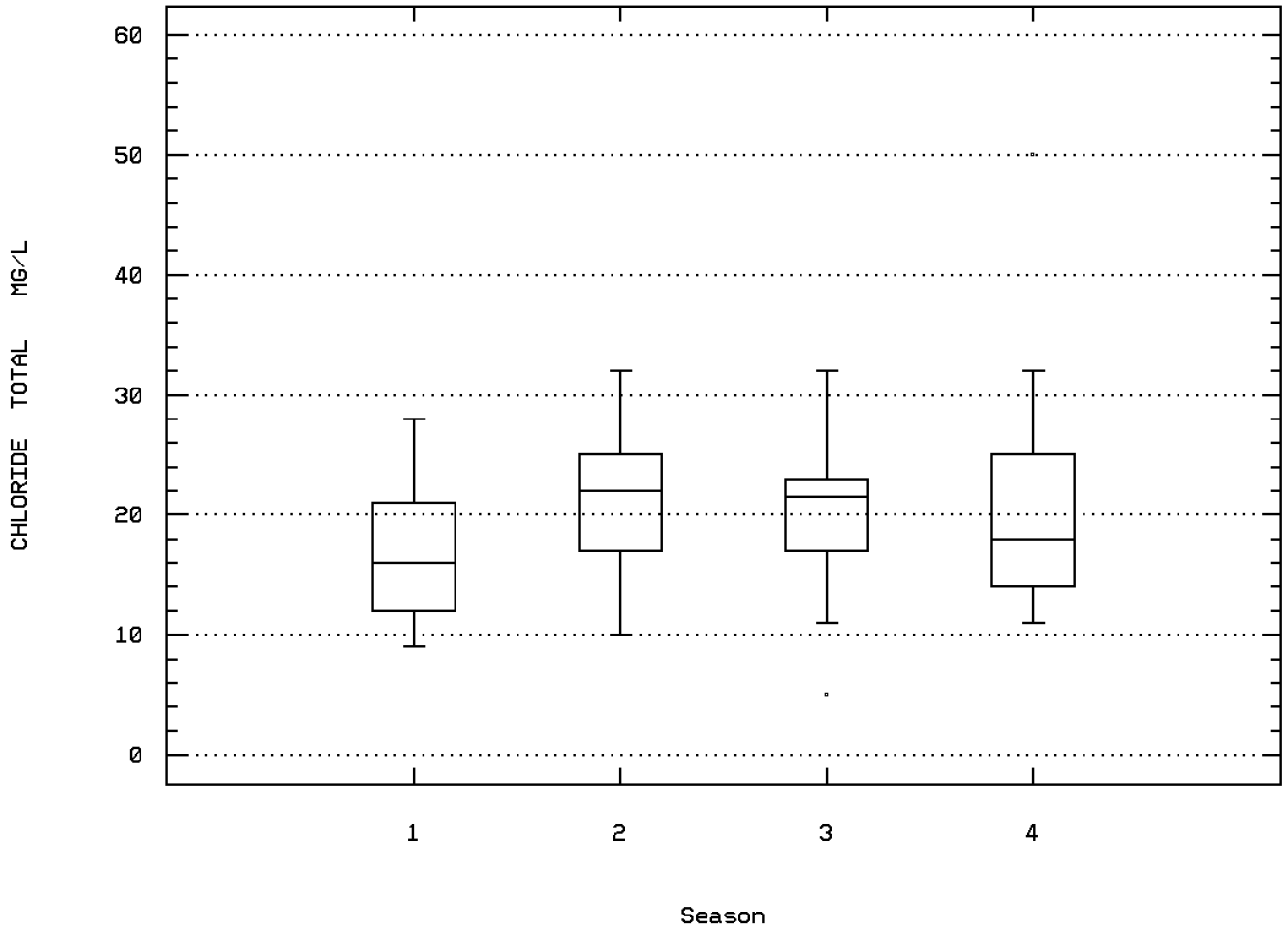
SODIUM,PLUS POTASSIUM (MG/L)



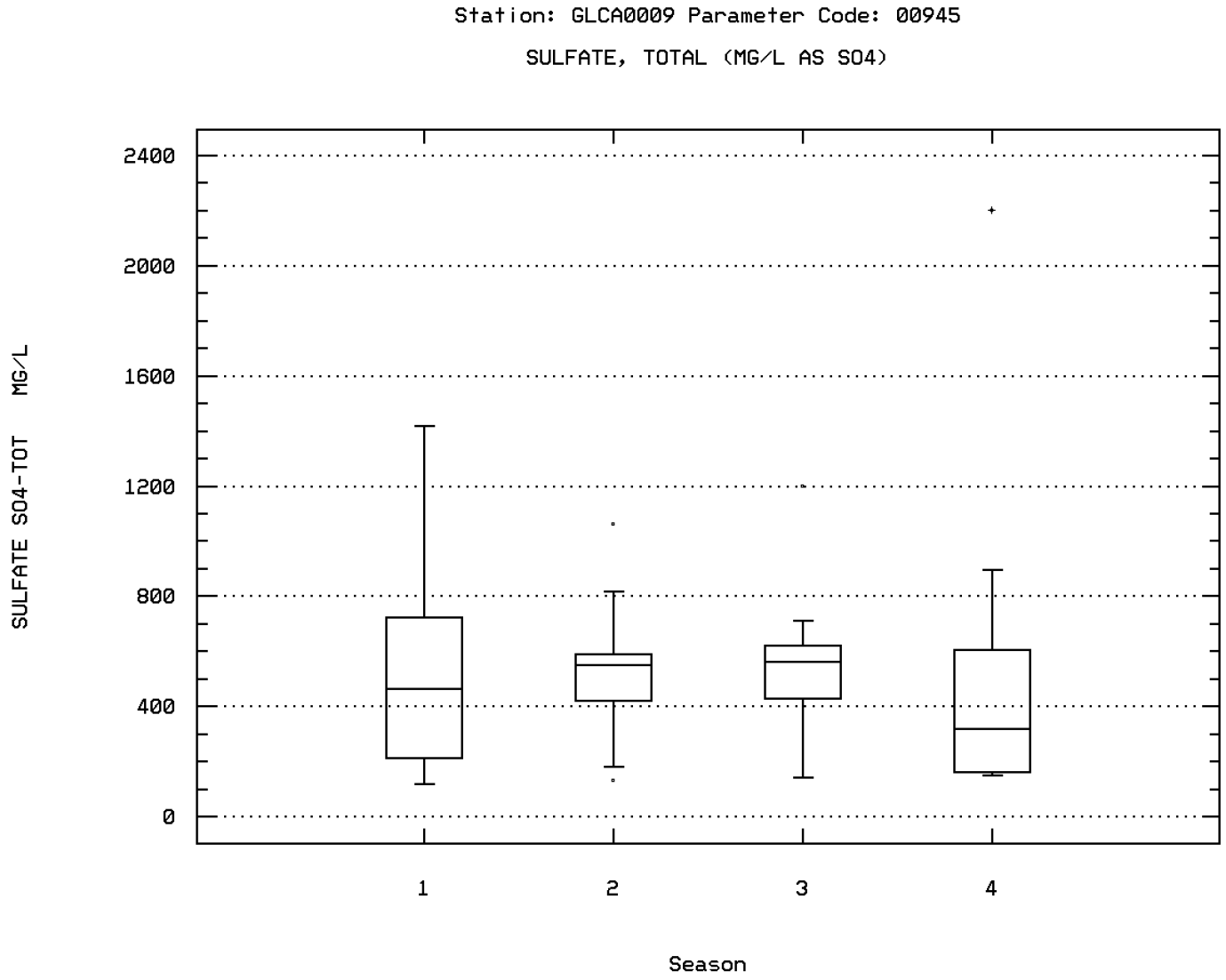
PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



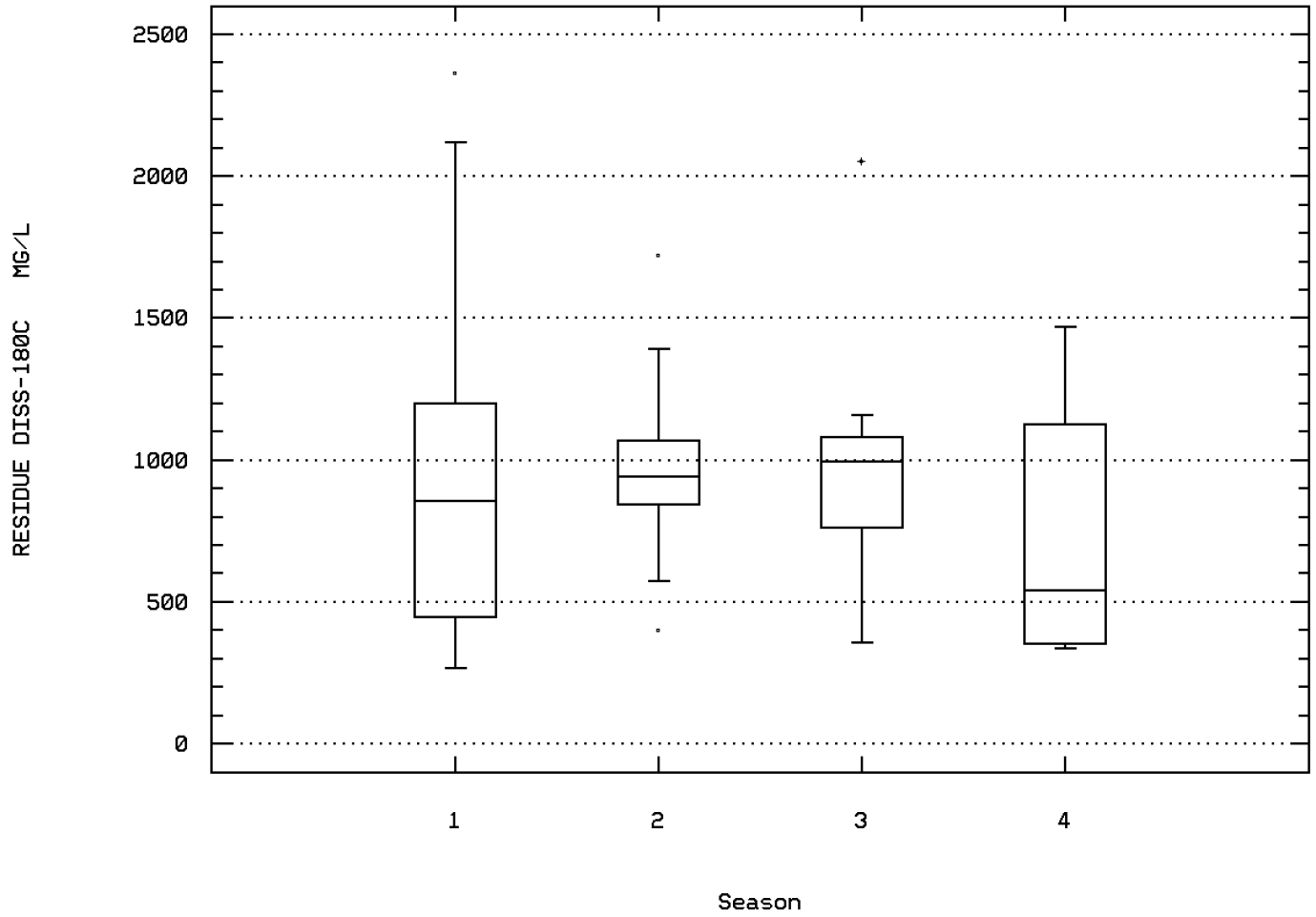
PARIA RIVER AT LEES FERRY, ARIZ.



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70300

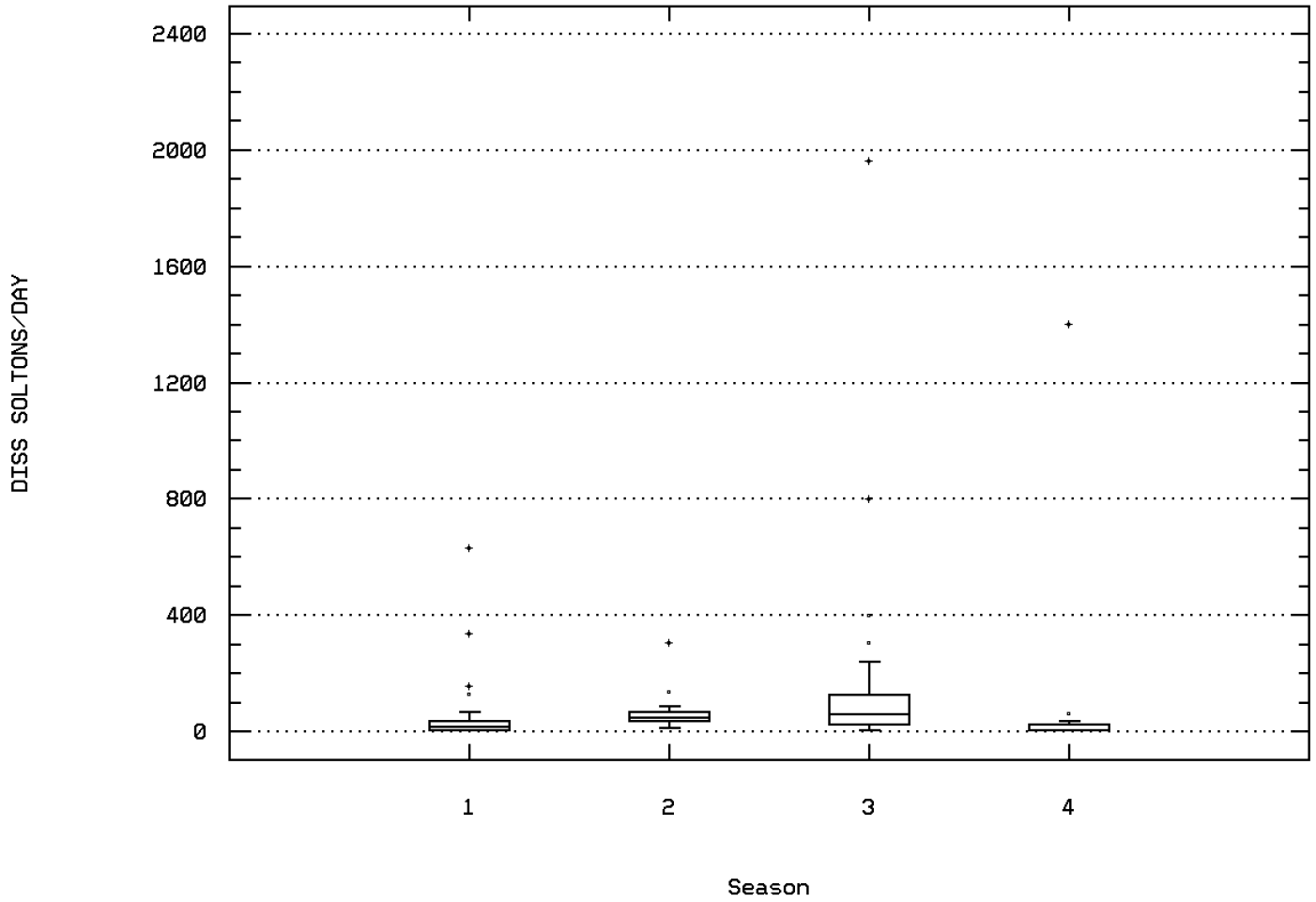
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70302

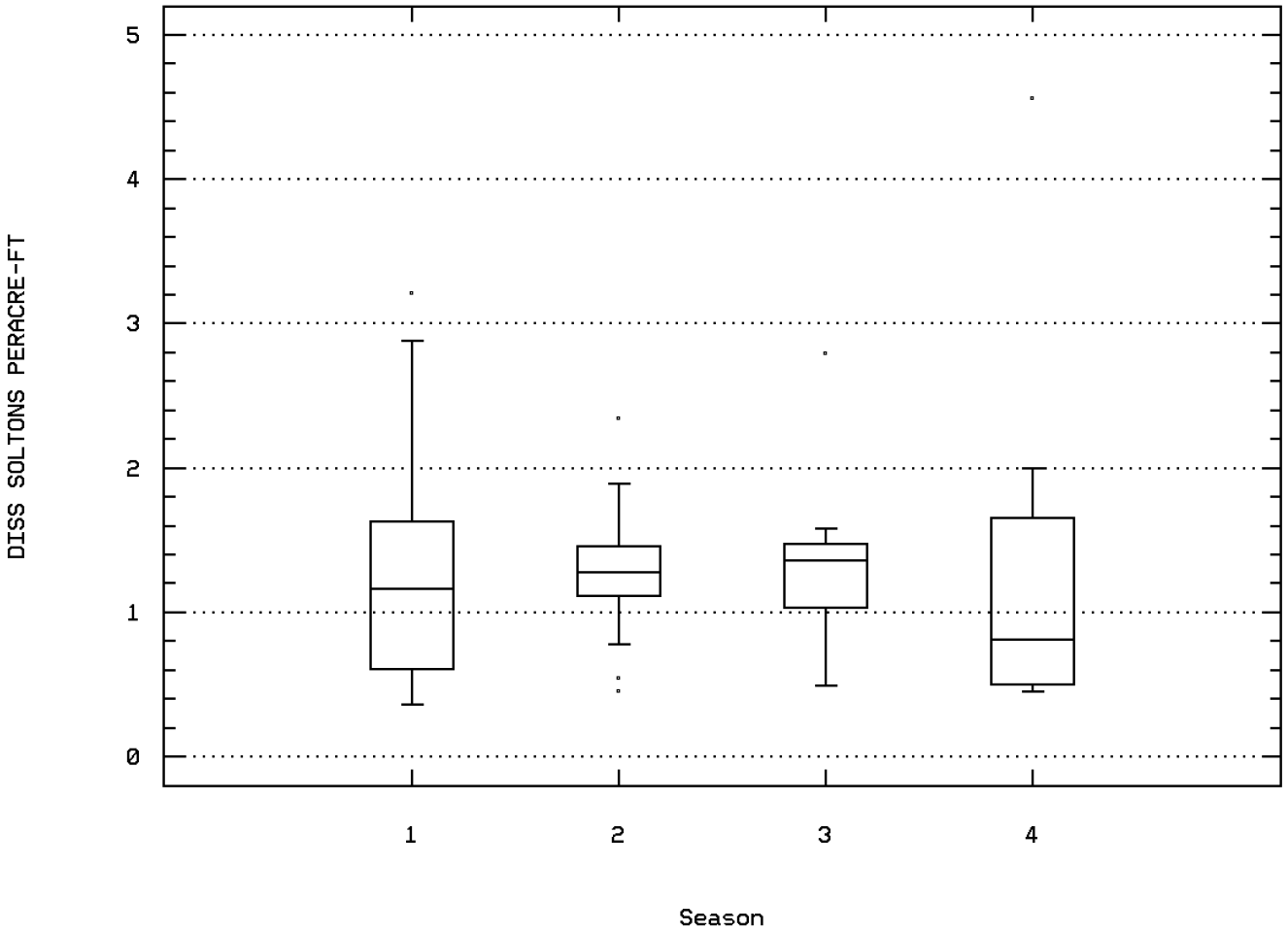
SOLIDS, DISSOLVED-TONS PER DAY



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70303

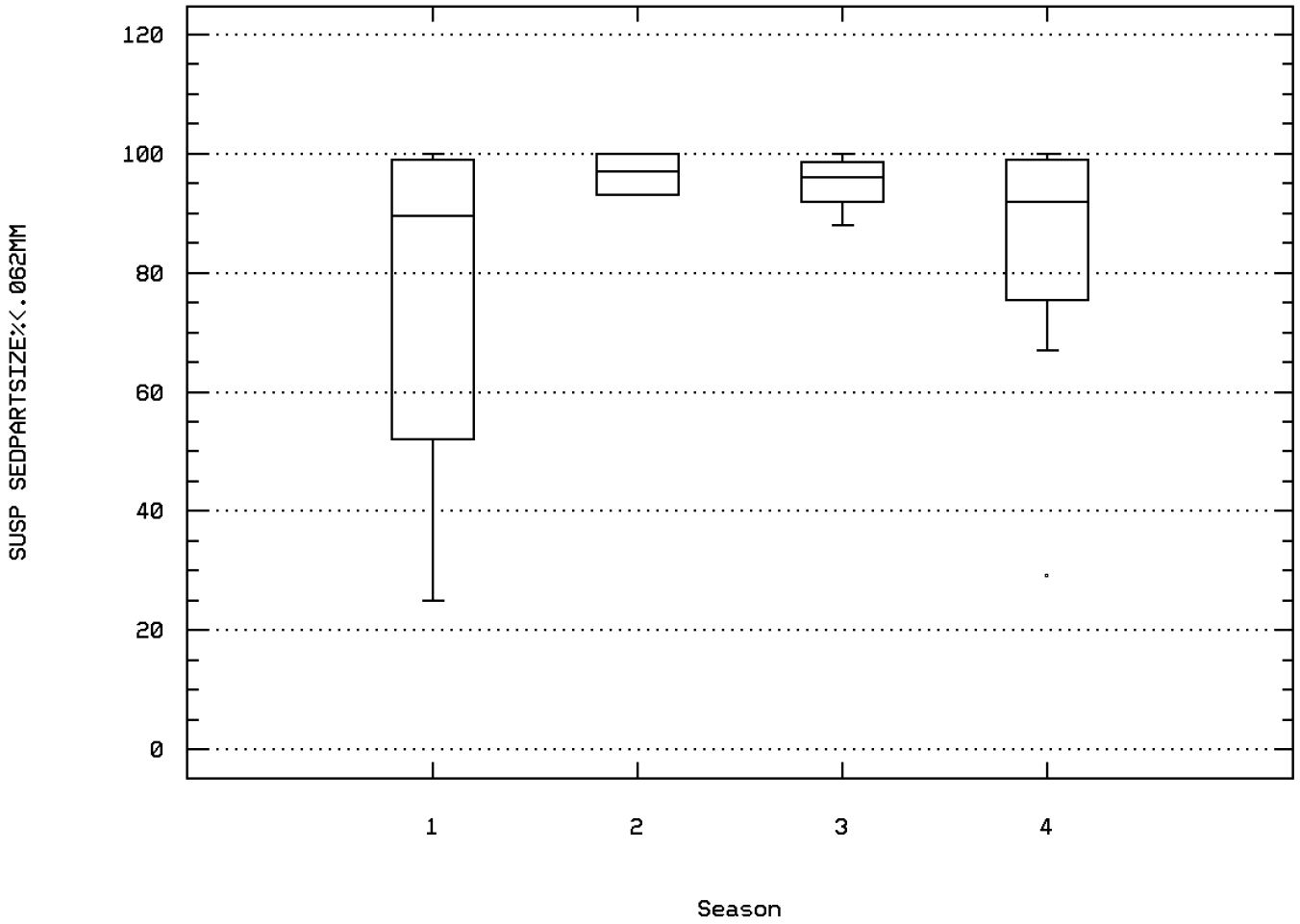
SOLIDS, DISSOLVED-TONS PER ACRE-FT



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70331

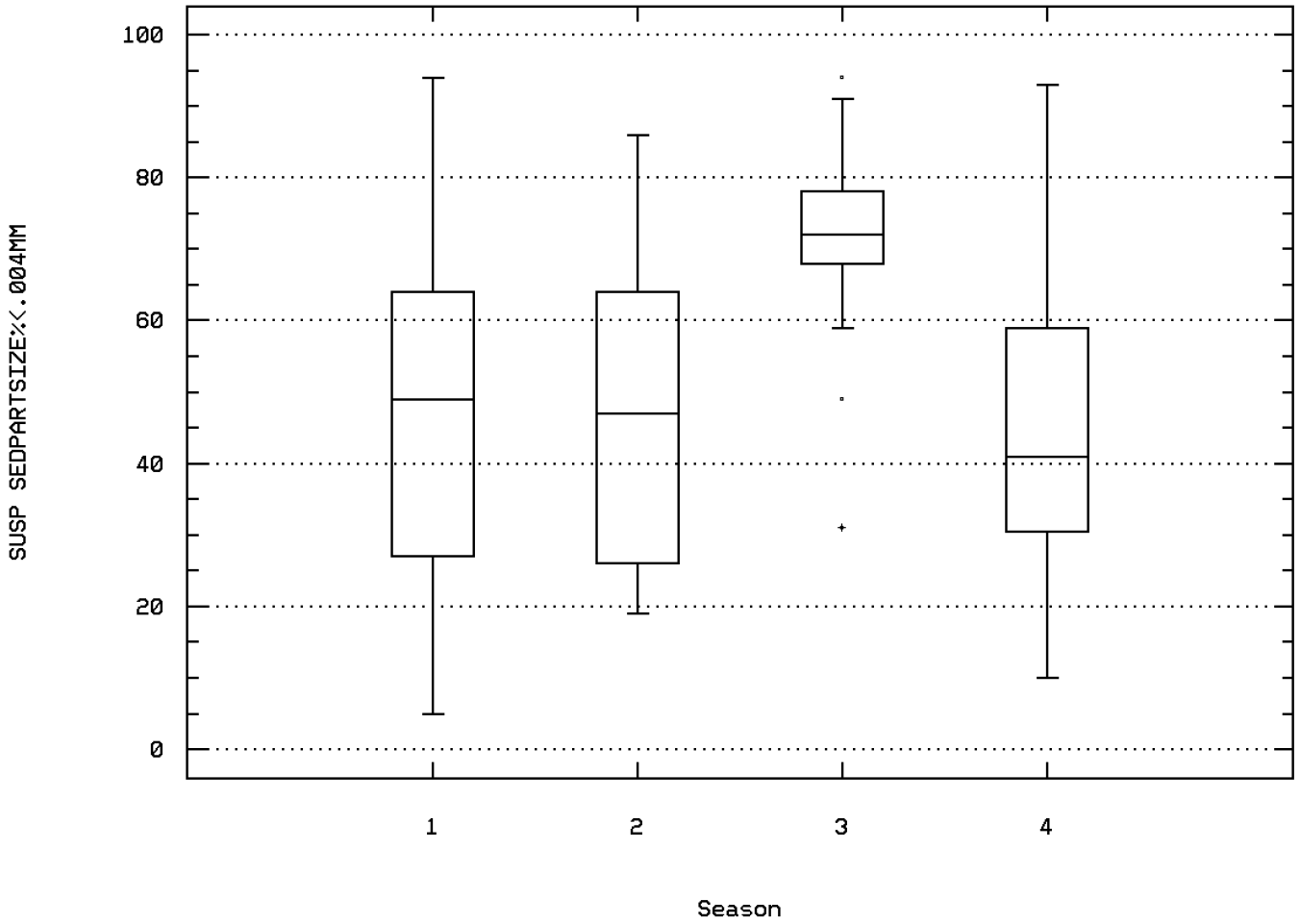
SUSPENDED SED SIEVE DIAMETER,% FINER TH



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70338

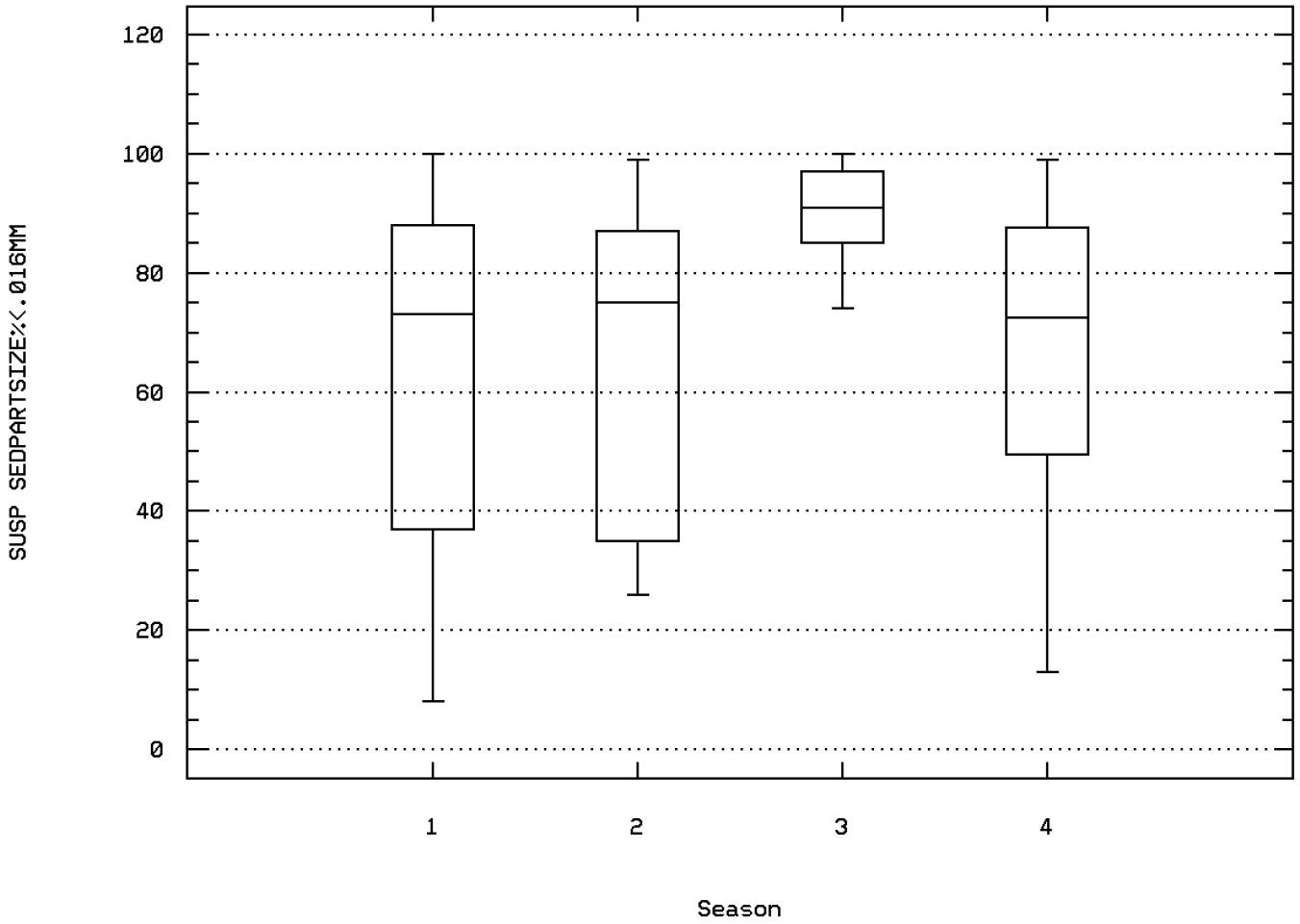
SUS SED FALL DIA(DISTLD WATER)%FINER TH



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 70340

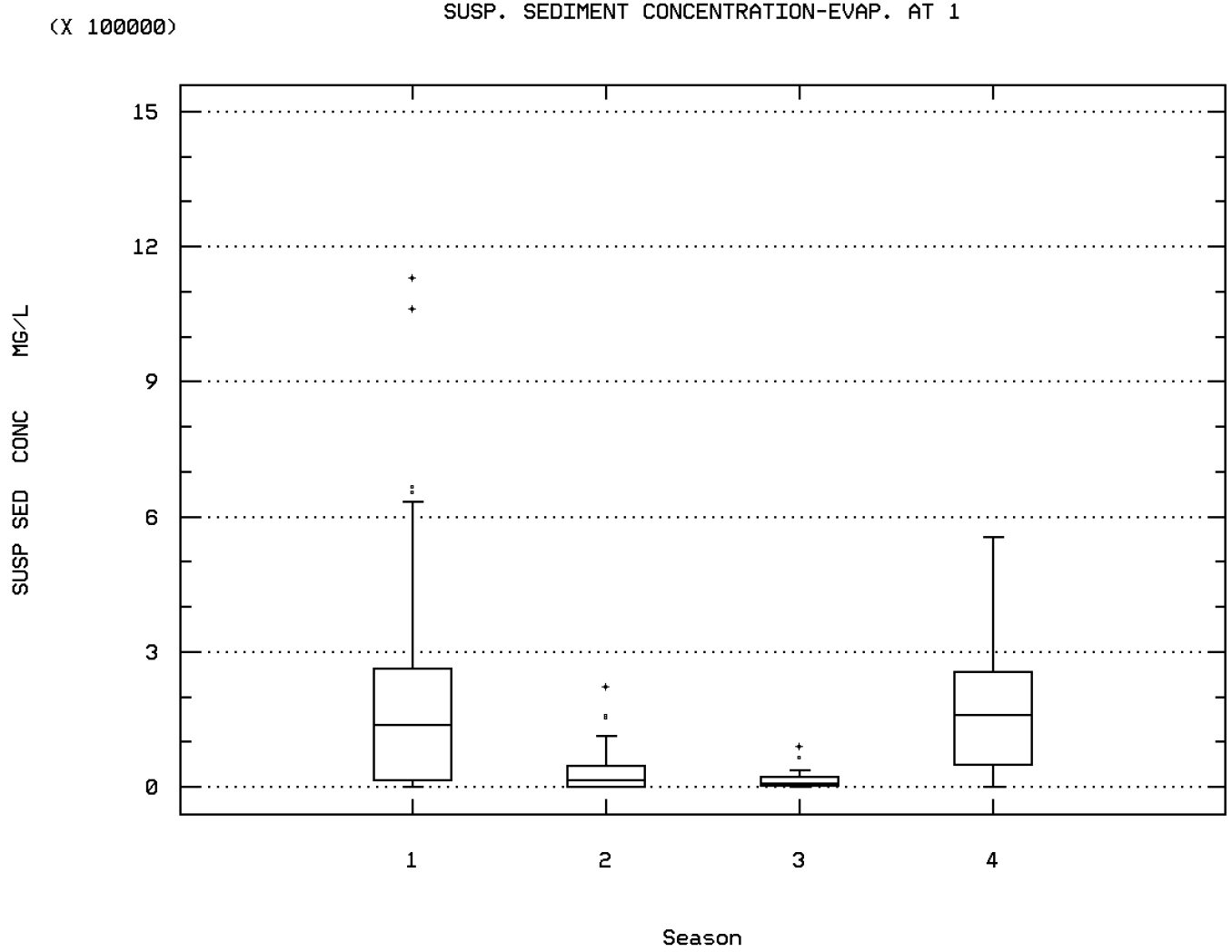
SUS SED FALL DIA(DISTLD WATER)%FINER TH



PARIA RIVER AT LEES FERRY, ARIZ.

Station: GLCA0009 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



PARIA RIVER AT LEES FERRY, ARIZ.

Station Inventory for Station: GLCA0010

NPS Station ID: GLCA0010 | LAT/LON: 36.920281/-111.313893 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040804
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 | Depth of Water: 176 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070006004 | RF1 Mile Point: 15.400 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
MIDCHANNEL; IN ARM; APPR 230 DEGREES TO STACKS; SAND BAR EXTENDS DOWN ARM, 100 DEGREES TO TIP OF SAND BAR; 180 DEGREES TO CREST OF LG DUNE ON S SHORE; 300 DEGREES TO LG BLOCK SHAPED ISLAND IN MIDCHANNEL; 165 DEGREE FR TOWER BUTTE; 055 DEGREES FR STACKS IN COVE AREA.
COMMENTS: 4-15 FOREL 7, GREEN; NO VISIBLE PARTICLES; INTEG 30 FT.

Parameter Inventory for Station: GLCA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	26	11.	12.492	25.2	6.9	30.605	5.532	7.34	8.475	12.75	24.66
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	26	91.65	91.888	94.	88.	2.764	1.663	89.88	90.6	94.	94.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	3	252.	236.	276.	180.	2496.	49.96	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	26	599.5	650.808	945.	523.	18831.362	137.227	524.7	535.75	700.75	937.5
00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	26	6.9	6.885	9.6	2.8	4.445	2.108	3.08	5.9	8.4	9.46
00400	PH (STANDARD UNITS)	04/15/75-12/02/75	26	8.05	8.085	8.6	7.6	0.09	0.301	7.67	7.875	8.3	8.565
00400	CONVERTED PH (STANDARD UNITS)	04/15/75-12/02/75	26	8.047	7.991	8.6	7.6	0.099	0.315	7.67	7.875	8.3	8.565
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/75-12/02/75	26	0.009	0.01	0.025	0.003	0.	0.007	0.003	0.005	0.013	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	26	128.5	130.5	149.	113.	80.26	8.959	119.9	126.	133.25	147.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	26	0.02	0.02	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.033
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	26 ##	0.1	0.162	0.4	0.1	0.007	0.085	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	26	0.37	0.382	0.62	0.21	0.012	0.11	0.22	0.3	0.463	0.558
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	26	0.009	0.009	0.016	0.006	0.	0.003	0.007	0.007	0.01	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	26 ##	0.006	0.006	0.019	0.001	0.	0.004	0.001	0.002	0.009	0.012
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/02/75	3	0.8	1.3	2.6	0.5	1.29	1.136	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	3	220.	465.	999.	176.	214351.	462.981	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	26	3	0.12	9	0	0.00	8	3	0.38	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			

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

Station Inventory for Station: GLCA0011

NPS Station ID: GLCA0011 LAT/LON: 36.922226/-111.483337 Agency: 112WRD Date Created: 02/17/90
Location: COLORADO RIVER BELOW GLEN CANYON DAM, ARIZ. FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09379910
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070006 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	10/05/89-10/10/89	12	386.	398.25	471.	386.	842.568	29.027	386.	386.	386.	464.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/89-10/10/89	22	8.	8.623	11.	8.	0.746	0.864	8.	8.	9.275	9.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/05/89-10/10/89	10	5180.	5771.	11000.	5160.	3376365.556	1837.489	5160.	5175.	5227.5	10425.
00065	STAGE, STREAM (FEET)	10/05/89-10/10/89	22	29.95	30.491	35.	29.94	2.066	1.437	29.94	29.95	29.973	33.663
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/89-10/10/89	6	0.2	0.383	1.2	0.2	0.162	0.402	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/89-10/10/89	12	802.5	808.667	872.	789.	486.424	22.055	790.8	798.75	805.	859.1
00300	OXYGEN, DISSOLVED MG/L	10/05/89-10/10/89	22	8.55	8.736	10.6	6.8	1.712	1.308	6.93	7.575	9.925	10.57
00400	PH (STANDARD UNITS)	10/05/89-10/10/89	12	8.15	8.137	8.24	7.82	0.011	0.107	7.907	8.13	8.205	8.231
00400	CONVERTED PH (STANDARD UNITS)	10/05/89-10/10/89	12	8.15	8.122	8.24	7.82	0.012	0.108	7.907	8.13	8.205	8.231
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/89-10/10/89	12	0.007	0.008	0.015	0.006	0.	0.002	0.006	0.006	0.007	0.013
00403	PH, LAB, STANDARD UNITS SU	10/05/89-10/10/89	6	8.	7.983	8.1	7.9	0.006	0.075	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/89-10/10/89	6	8.	7.978	8.1	7.9	0.006	0.076	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/89-10/10/89	6	0.01	0.011	0.013	0.008	0.	0.002	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/05/89-10/10/89	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/05/89-10/10/89	6	169.	168.167	171.	164.	9.367	3.061	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/89-10/10/89	12	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.006	0.01	0.017
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/89-10/10/89	12	0.01	0.013	0.02	0.01	0.	0.005	0.01	0.01	0.018	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/05/89-10/10/89	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/89-10/10/89	12	0.2	0.217	0.4	0.1	0.007	0.083	0.1	0.2	0.275	0.37
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/89-10/10/89	12	0.4	0.391	0.4	0.34	0.	0.022	0.343	0.4	0.4	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/89-10/10/89	12	0.4	0.4	0.4	0.4	0.	0.	0.4	0.4	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/89-10/10/89	12 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.017
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/05/89-10/10/89	12 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.005	0.024
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/89-10/10/89	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/89-10/10/89	12	2.7	2.775	3.	2.6	0.017	0.129	2.63	2.7	2.875	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/89-10/10/89	6	65.	65.333	66.	65.	0.267	0.516	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/89-10/10/89	6	23.	23.333	24.	23.	0.267	0.516	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/89-10/10/89	6	66.5	65.833	67.	63.	2.567	1.602	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/89-10/10/89	6	2.95	2.967	3.1	2.9	0.007	0.082	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/89-10/10/89	6	41.	40.5	41.	39.	0.7	0.837	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/89-10/10/89	6	220.	220.	220.	220.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/05/89-10/10/89	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/05/89-10/10/89	6	8.6	8.583	8.6	8.5	0.002	0.041	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/05/89-10/10/89	6	137.	137.	140.	134.	5.6	2.366	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/05/89-10/10/89	6	138.5	137.667	140.	134.	6.667	2.582	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/89-10/10/89	6	516.	515.833	528.	503.	74.167	8.612	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/05/89-10/10/89	6	71.	66.833	88.	41.	442.967	21.047	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/05/89-10/10/89	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017

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

Parameter Inventory for Station: GLCA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/05/89-10/10/89	6	1.5	2.5	8.	0.	8.3	2.881	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	0	0.00	22	0	0.00									
00400	PH	Other-Hi Lim.	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	0	0.00	12	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	12	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	12	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00	12	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: GLCA0012

NPS Station ID: GLCA0012
LAT/LON: 36.935837/-111.482226
Agency: 1110NET
Date Created: / /
Location: COLORADO RIVER AT PAGE
FIPS State/County: 04000 ARIZONA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 030060 /03110202 /03110203 /060-
RMI-Indexes: 1021001 009360
Within Park Boundary: Yes
RMI-Miles: 1250.02 0011.00
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: LOWER COLORADO RIVER
ECO Region:
RF1 Index: 14070006002
RF1 Mile Point: 1.780
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
ALL SAMPLING DONE APPROX. 1/4 MILE DOWNSTREAM FROM GLEN CANYON DAM. ACTIVATION DATE' NOVEMBER 23,1959. SAMPLED BY U.S.BUREAU OF RECLAMATION. FIELD ANALYSIS BY U.S. BUREAU OF RECLAMATION, AND DEPT. OF THE INTERIOR FWPCA. OTHER COOPERATING AGENCIES'ARIZONA STATE DEPT. OF HEALTH,AND UTAH STATE DEPT. OF HEALTH. NEAREST PERTINENT GAGING STATION' AT LEES FERRY,

Parameter Inventory for Station: GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	310	12.45	13.354	28.2	0.	49.249	7.018	3.35	9.	19.	23.
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	295	6030.	10751.763	79200.	930.	171182424.093	13083.67	1006.	3200.	11300.	29600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	282	185.	1286.72	80000.	0.	29844437.028	5463.006	12.5	12.5	770.	2640.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	249	5.	8.177	80.	0.	107.17	10.352	0.	3.	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/68-11/10/69	19	851.	887.316	1190.	740.	14542.895	120.594	769.	805.	980.	1061.
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	124	9.8	9.594	13.5	5.	3.138	1.771	7.3	8.1	10.975	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/29/62-05/25/66	70	1.45	1.733	6.5	0.2	1.396	1.181	0.61	0.9	2.2	3.37
00335	COD, .025N K2CR2O7 MG/L	08/09/65-08/09/65	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	02/08/65-02/08/65	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	07/10/61-02/08/65	2	3.15	3.15	3.9	2.4	1.125	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	311	8.1	8.097	9.5	7.1	0.054	0.233	7.8	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	311	8.1	8.034	9.5	7.1	0.058	0.242	7.8	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	311	0.008	0.009	0.079	0.	0.	0.006	0.005	0.006	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	302	145.5	153.119	550.	70.	2471.016	49.709	108.3	123.	167.25	199.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	172	858.	807.785	1926.	230.	77625.351	278.613	409.5	624.75	972.25	1097.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	254	226.5	1009.146	10860.	6.	3759846.41	1939.032	19.5	42.5	943.	2551.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/04/61-12/03/62	37	0.1	0.211	0.9	0.	0.068	0.26	0.	0.	0.4	0.62
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/30/68	29	0.94	0.96	1.8	0.14	0.143	0.378	0.4	0.75	1.15	1.5
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	27	0.5	0.62	2.2	0.05	0.226	0.476	0.1	0.3	0.8	1.32
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-09/30/68	10	0.45	0.375	0.8	0.	0.067	0.26	0.005	0.088	0.525	0.78
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/15/61-05/10/65	113	0.	0.098	7.6	0.	0.568	0.754	0.	0.	0.	0.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-09/30/68	17 ##	0.005	0.024	0.24	0.	0.003	0.057	0.004	0.005	0.01	0.096
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-09/30/68	23 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/65-09/30/68	19	4.6	4.979	11.	1.2	5.215	2.284	2.4	3.2	6.5	7.8
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-09/30/68	20	3.5	3.453	8.	0.25	3.437	1.854	1.	2.475	4.	7.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	315	370.	363.206	780.	140.	15542.05	124.668	192.	270.	440.	522.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-04/01/68	10	75.5	97.5	205.	40.	2744.722	52.39	42.2	62.75	143.75	200.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-04/01/68	10	4.7	4.9	8.3	1.2	5.809	2.41	1.23	3.15	7.5	8.22
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	267	85.	81.285	180.	6.	1503.37	38.773	24.8	48.	108.	135.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	145	320.	307.29	500.	46.	12423.86	111.462	119.	240.5	400.	440.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-04/01/68	10	0.295	0.331	0.52	0.2	0.012	0.11	0.201	0.255	0.425	0.518

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

Parameter Inventory for Station: GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/68	12 ##	25.	23.583	40.5	5.	151.902	12.325	5.15	10.75	34.625	39.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/68	10	58.5	63.9	108.	30.	593.211	24.356	31.	46.	87.25	106.3
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-07/01/67	9 ##	0.12	0.108	0.15	0.045	0.001	0.037	0.045	0.075	0.14	0.15
01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/68	11	150.	185.727	432.	86.	11681.218	108.08	88.	108.	228.	411.6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-04/01/68	12 ##	7.75	9.208	33.	1.	84.657	9.201	1.	1.	13.25	27.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-07/01/67	10 ##	6.	6.	12.	0.5	15.167	3.894	0.5	2.75	9.125	11.9
01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/68	12 ##	10.5	8.333	16.5	1.	37.333	6.11	1.	1.	13.375	15.9
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-04/01/68	12 ##	5.25	5.083	10.	0.5	7.947	2.819	0.95	2.625	6.875	9.55
01045	IRON, TOTAL (UG/L AS FE)	10/01/62-04/01/68	12 ##	10.5	29.	127.	0.5	1794.773	42.365	0.5	1.	41.75	119.2
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-04/01/68	12 ##	20.25	16.792	33.	2.	146.475	12.103	2.	2.125	27.	31.65
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-04/01/68	12 ##	3.725	3.746	9.	0.5	8.059	2.839	0.5	0.725	6.2	8.4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/68	12 ##	25.	27.083	100.	2.	719.674	26.827	2.	5.375	31.875	84.4
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-04/01/68	12 ##	7.75	7.792	16.5	1.	35.339	5.945	1.	1.	13.25	15.9
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-07/01/67	9 ##	48.	50.944	125.	16.5	968.965	31.128	16.5	32.25	58.	125.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/68	12 ##	1.125	1.375	3.5	0.1	1.231	1.109	0.1	0.375	2.213	3.35
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/68	11	527.	619.	1254.	265.	92818.4	304.661	269.6	400.	792.	1205.2
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/68	12 ##	21.	16.208	33.	2.	149.021	12.207	2.	2.125	26.5	31.65
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-04/01/68	12 ##	13.25	16.25	77.	1.	412.568	20.312	1.	3.25	18.375	59.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-07/01/67	8 ##	24.5	27.375	50.	12.	180.339	13.429	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	11/23/59-09/22/69	399	8.	24.09	473.	0.	2008.248	44.813	4.	5.	23.	59.
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	314	3.	7.21	137.	0.	219.093	14.802	1.	2.	7.	12.5
01503	ALPHA, DISSOLVED	11/23/59-09/22/69	399	6.	7.799	49.	0.	30.256	5.501	3.	4.	9.	14.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	314	3.	3.697	17.	0.	6.261	2.502	1.	2.	5.	7.
01505	ALPHA, SUSPENDED	11/23/59-09/22/69	399	0.	16.319	469.	0.	1901.207	43.603	0.	0.	14.	47.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	314	0.	4.613	137.	0.	233.599	15.284	0.	0.	1.	11.5
03501	BETA, TOTAL	11/23/59-09/22/69	401	32.	87.783	1891.	0.	38459.06	196.11	11.2	17.	67.	176.4
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	315	7.	21.556	450.	1.	1955.547	44.222	3.	3.	25.	50.2
03503	BETA, DISSOLVED	11/23/59-09/22/69	400	21.	25.83	130.	0.	379.154	19.472	1.	12.	39.	52.
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	315	7.	11.648	64.	2.	125.898	11.22	3.	3.	17.	31.4
03505	BETA, SUSPENDED	11/23/59-09/22/69	400	2.	62.15	1824.	0.	36324.06	190.589	0.	0.2	34.	151.9
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	315	3.	15.553	448.	0.1	1918.117	43.796	0.3	1.	11.	37.
13501	STRONTIUM 90, TOTAL	10/01/59-04/01/69	17	2.	2.682	6.9	0.2	4.218	2.054	0.28	1.2	4.55	6.1
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-04/01/69	3	0.6	0.533	0.7	0.3	0.043	0.208	**	**	**	**
13503	STRONTIUM 90, DISSOLVED	07/01/69-07/01/69	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
13504	STRONTIUM 90, DISSOLVED, COUNTING ERROR	07/01/69-07/01/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
15501	STRONTIUM 89, TOTAL	01/01/69-07/01/69	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
15502	STRONTIUM 89, TOTAL, COUNTING ERROR	01/01/69-07/01/69	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
30004	FENSULFOTHION, WATER, WHOLE, RECOVERABLE UG/L	08/15/70-11/16/70	4	597.	608.25	708.	531.	6680.917	81.737	**	**	**	**
30205	TEMPERATURE, WOOD (FIRE POTENTIAL) DEG F	10/23/68-10/23/68	1	75.	75.	75.	75.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	242	100.	690.771	26000.	0.5	4657929.637	2158.224	20.	20.	400.	2000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	242	2.	2.071	4.415	-0.301	0.582	0.763	1.301	1.301	2.602	3.301
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			117.626								
32000	SAMPLE SIZE (LITERS)	11/15/67-02/17/71	24	1354.	1776.667	11340.	1112.	4167908.841	2041.546	1205.	1292.5	1447.25	1659.5
32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	51	501.	2726.804	8890.	313.	6614210.001	2571.811	341.	362.	5050.	5755.8
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	62	590.	522.097	1121.	77.	147087.433	383.52	104.2	117.	884.75	1052.7
32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	58	507.5	451.638	1022.	44.	139390.2	373.35	62.8	87.25	843.25	985.1
32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	62	61.	59.484	111.	9.	904.352	30.072	19.3	31.	84.25	101.7
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	11/30/59-12/07/61	17	0.	0.412	3.	0.	0.632	0.795	0.	0.	1.	1.4
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	11/30/59-12/07/61	17	5.	5.588	14.	2.	10.882	3.299	2.	3.	6.5	12.4
32023	ACIDS, STRONG	11/30/59-12/07/61	17	1.	1.353	4.	0.	1.118	1.057	0.	1.	2.	3.2
32024	ACIDS, WEAK	11/30/59-12/07/61	17	2.	2.765	5.	1.	1.316	1.147	1.8	2.	3.5	5.
32025	BASES	11/30/59-12/07/61	17	1.	1.353	7.	0.	2.368	1.539	0.	1.	1.	3.
32026	NEUTRALS, TOTAL	11/30/59-12/07/61	17	11.	12.235	23.	5.	20.566	4.535	7.4	9.	15.	20.6
32027	ALIPHATICS FRACTION OF NEUTRALS	11/30/59-12/07/61	17	2.	2.412	10.	1.	4.632	2.152	1.	1.	3.	5.2
32028	AROMATICS FRACTION OF NEUTRALS	11/30/59-12/07/61	17	1.	1.294	4.	0.	0.721	0.849	0.8	1.	1.5	2.4
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	11/30/59-12/07/61	17	8.	8.294	17.	4.	8.346	2.889	4.8	6.5	9.5	12.2
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-09/30/68	42	0.04	0.039	0.08	0.	0.	0.018	0.02	0.02	0.05	0.067
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	0.	0.012	0.085	0.	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/60-09/29/67	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	0.	0.	0.001	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	6	0.	0.01	0.058	0.	0.001	0.024	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	7	0.001	0.001	0.006	0.	0.	0.002	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	6	0.	0.002	0.012	0.	0.	0.005	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/60-09/29/67	6	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	102	200.	863.725	32600.	0.	12246888.954	3499.556	0.	100.	600.	1100.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	102	0.	10.392	490.	0.	2932.518	54.153	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	102	0.	10.098	840.	0.	6939.594	83.304	0.	0.	0.	0.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	102	0.	45.294	890.	0.	13096.447	114.44	0.	0.	52.5	144.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	102	0.	0.686	40.	0.	24.277	4.927	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	101	0.	43.465	760.	0.	15562.871	124.751	0.	0.	20.	90.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	101	0.	10.099	740.	0.	5498.99	74.155	0.	0.	0.	8.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	63	39.	47.794	98.	11.	565.005	23.77	20.	26.	67.	82.4
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/04/66-11/04/66	1	29.	29.	29.	29.	0.	0.	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/04/66-11/04/66	1	14.	14.	14.	14.	0.	0.	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-05/02/67	3	21.	17.333	29.	2.	192.333	13.868	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	100	5.	197.6	4350.	0.	437119.434	661.15	0.	0.	67.5	328.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	101	90.	558.614	28060.	0.	8436706.059	2904.601	0.	20.	250.	736.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-09/30/68	15	0.	1.333	20.	0.	26.667	5.164	0.	0.	0.	8.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/04/68	16	0.	13.75	70.	0.	385.	19.621	0.	0.	27.5	42.
60820	PROTOZOA, TOTAL (/ML)	10/02/61-04/01/63	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60850	ROTIFERS, TOTAL (/LITER)	10/02/61-04/15/63	27	0.	10.704	286.	0.	3027.37	55.022	0.	0.	0.	0.6
60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-04/15/63	27	0.	0.741	18.	0.	11.969	3.46	0.	0.	0.	1.
60950	NEMATODES, TOTAL (/LITER)	10/02/61-04/15/63	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-04/15/63	26	0.	0.038	1.	0.	0.038	0.196	0.	0.	0.	0.
63400	INVALID	09/30/68-09/30/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	05/02/67-05/02/67	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	05/02/67-05/02/67	1	77.	77.	77.	77.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	282	147	0.52	67	37	0.55	69	36	0.52	100	49	0.49	46	25	0.54
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	124	0	0.00	23	0	0.00	32	0	0.00	46	0	0.00	23	0	0.00
00400	PH	Other-Hi Lim.	9.	311	1	0.00	69	0	0.00	80	0	0.00	110	1	0.01	52	0	0.00
		Other-Lo Lim.	6.5	311	0	0.00	69	0	0.00	80	0	0.00	110	0	0.00	52	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	29	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	267	0	0.00	64	0	0.00	65	0	0.00	91	0	0.00	47	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	145	38	0.26	34	3	0.09	32	16	0.50	53	18	0.34	26	1	0.04
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	50.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	9	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4 &	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5.	4 &	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	1300.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	5.	4 &	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	50.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	62	0	0.00	16	0	0.00	20	0	0.00	19	0	0.00	7	0	0.00
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	62	0	0.00	15	0	0.00	20	0	0.00	19	0	0.00	8	0	0.00
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	17	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	17	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	6	0	0.00							1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	6	0	0.00	6	0	0.00									
		Drinking Water	0.2	6	0	0.00	6	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	6	0	0.00							1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	7	0	0.00	6	0	0.00							1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00							1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	6	0	0.00							1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	5	0	0.00							1	0	0.00
		Drinking Water	0.2	6	0	0.00	5	0	0.00							1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	5	0	0.00							1	0	0.00
		Drinking Water	0.4	6	0	0.00	5	0	0.00							1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	5	0	0.00							1	0	0.00
		Drinking Water	0.2	6	0	0.00	5	0	0.00							1	0	0.00

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

Annual Analysis for 1959 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	6	2.75	2.933	5.1	0.5	2.427	1.558	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	6	6035.	6115.	7180.	4580.	917870.	958.055	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	6	500.	565.	1000.	390.	48350.	219.886	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	6	6.	7.833	15.	6.	12.967	3.601	**	**	**	**
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	6	8.1	8.1	8.2	8.	0.008	0.089	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	6	8.1	8.092	8.2	8.	0.008	0.09	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	6	0.008	0.008	0.01	0.006	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	6	421.	667.	1758.	368.	294762.8	542.921	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	6	110.5	113.	137.	98.	215.2	14.67	**	**	**	**
01501p	ALPHA, TOTAL	11/23/59-09/22/69	6	39.	42.5	87.	23.	538.3	23.201	**	**	**	**
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	6	12.5	11.5	15.	7.	10.7	3.271	**	**	**	**
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	6	26.	31.	72.	10.	477.2	21.845	**	**	**	**
03501p	BETA, TOTAL	11/23/59-09/22/69	6	50.	51.5	88.	20.	765.5	27.668	**	**	**	**
03503p	BETA, DISSOLVED	11/23/59-09/22/69	6	1.5	7.167	22.	0.	100.967	10.048	**	**	**	**
03505p	BETA, SUSPENDED	11/23/59-09/22/69	6	34.5	44.333	86.	18.	851.467	29.18	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	2 ##	1.849	1.849	2.	1.699	0.045	0.213	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			70.711								

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

Annual Analysis for 1960 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	51	12.4	13.818	28.2	0.	83.825	9.156	2.24	4.4	22.2	26.42
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	53	5970.	12071.132	44000.	2250.	131546729.463	11469.382	3094.	4775.	18550.	32380.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	49	650.	1261.633	8000.	5.	2823179.571	1680.232	280.	395.	1000.	3600.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	45	9.	15.111	80.	0.	362.874	19.049	5.	8.	10.	35.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	50	8.1	8.068	8.5	7.6	0.036	0.19	7.8	7.975	8.125	8.39
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	50	8.1	8.028	8.5	7.6	0.038	0.194	7.8	7.975	8.125	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	50	0.008	0.009	0.025	0.003	0.	0.004	0.004	0.008	0.011	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	31	180.	182.258	550.	84.	7677.331	87.62	94.4	109.	220.	262.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	46	726.5	1521.	9222.	31.	4128158.889	2031.787	169.9	430.25	1539.	4236.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	48	417.	414.958	746.	158.	26365.828	162.376	193.4	242.	549.	633.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	51	106.	89.118	151.	17.	2020.946	44.955	22.2	39.	128.	143.
01501p	ALPHA, TOTAL	11/23/59-09/22/69	46	38.	56.413	267.	6.	3370.337	58.055	12.1	22.75	62.5	150.9
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	46	12.	12.826	49.	1.	97.836	9.891	3.	5.	17.25	25.8
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	46	21.	43.587	265.	0.	3221.537	56.759	2.7	10.	47.75	129.9
03501p	BETA, TOTAL	11/23/59-09/22/69	46	63.	103.804	504.	0.	14516.161	120.483	8.1	31.75	136.	255.4
03503p	BETA, DISSOLVED	11/23/59-09/22/69	46	2.5	9.761	67.	0.	246.719	15.707	0.	0.	11.25	39.9
03505p	BETA, SUSPENDED	11/23/59-09/22/69	46	55.5	94.043	495.	0.	14283.065	119.512	2.8	19.75	122.	255.4
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	26	650.	1678.5	10000.	10.	6413678.5	2532.524	50.	175.	2000.	5220.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	26	2.801	2.762	4.	1.	0.547	0.74	1.699	2.226	3.301	3.676
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			577.93								

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Annual Analysis for 1961 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	48	13.25	13.51	28.	0.3	75.479	8.688	1.1	6.275	20.	26.55
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	49	8360.	10634.082	39200.	3200.	62954978.827	7934.417	3970.	5140.	11100.	24700.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	48	780.	2375.354	32000.	15.	27482966.021	5242.42	20.	390.	1925.	5300.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	31	5.	6.484	25.	0.	31.725	5.632	0.	3.	8.	14.
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	5	11.5	11.48	12.5	10.6	0.637	0.798	**	**	**	**

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Annual Analysis for 1961 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	48	8.1	8.1	8.7	7.6	0.039	0.197	7.8	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	48	8.1	8.057	8.7	7.6	0.041	0.202	7.8	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	48	0.008	0.009	0.025	0.002	0.	0.004	0.005	0.006	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	48	173.	185.271	450.	96.	4512.414	67.175	117.4	148.	198.	311.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	13	956.	1110.308	1926.	763.	148348.397	385.16	783.4	861.5	1332.5	1889.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	38	1042.	2251.474	9999.	135.	7675638.58	2770.494	165.5	615.75	2594.75	6965.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	48	400.	397.604	700.	192.	14369.563	119.873	203.6	310.	459.	566.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	47	58.	74.191	159.	20.	1764.028	42.	24.8	48.	123.	140.
01501p	ALPHA, TOTAL	11/23/59-09/22/69	38	49.5	72.237	473.	9.	7073.267	84.103	16.6	26.	85.75	136.6
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	5	19.	28.2	83.	6.	973.7	31.204	**	**	**	**
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	38	8.	9.763	27.	2.	43.645	6.606	3.	5.	12.25	23.1
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	5	5.	5.	6.	4.	0.5	0.707	**	**	**	**
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	38	42.	62.737	469.	0.	7125.388	84.412	1.	17.25	75.	127.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	5	20.	32.4	83.	11.	846.3	29.091	**	**	**	**
03501p	BETA, TOTAL	11/23/59-09/22/69	38	84.	270.	1891.	0.	190221.405	436.144	10.1	26.75	236.5	904.2
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	5	52.	61.6	125.	35.	1329.3	36.46	**	**	**	**
03503p	BETA, DISSOLVED	11/23/59-09/22/69	38	13.5	20.526	77.	0.	473.283	21.755	0.	0.	33.25	56.5
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	5	26.	27.4	42.	21.	74.3	8.62	**	**	**	**
03505p	BETA, SUSPENDED	11/23/59-09/22/69	38	64.	249.474	1824.	0.	178155.77	422.085	0.	17.5	202.25	884.1
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	5	45.	54.8	118.	28.	1318.7	36.314	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	35	200.	733.443	3300.	0.5	903795.747	950.682	50.	50.	1000.	2380.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	35	2.301	2.355	3.519	-0.301	0.68	0.824	1.699	1.699	3.	3.372
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			226.304								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	5	200.	360.	1000.	0.	188000.	433.59	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	5	0.	4.	20.	0.	80.	8.944	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	5	0.	16.	40.	0.	480.	21.909	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	5	0.	4.	20.	0.	80.	8.944	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	5	250.	344.	890.	0.	144230.	379.776	**	**	**	**

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Annual Analysis for 1962 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	52	15.75	14.973	27.	0.3	64.517	8.032	3.35	6.85	22.	25.
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	54	8080.	19535.	79200.	3000.	389770289.623	19742.601	5035.	6187.5	31450.	54300.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	53	750.	3426.321	80000.	135.	124089164.568	11139.532	232.	320.	2500.	6200.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	46	7.5	8.87	35.	0.	67.894	8.24	0.	0.	15.	21.3
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	47	9.5	9.602	13.5	5.9	3.152	1.775	7.5	8.	11.	12.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	53	8.1	8.058	8.6	7.1	0.078	0.279	7.7	7.9	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	53	8.1	7.949	8.6	7.1	0.09	0.3	7.7	7.9	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	53	0.008	0.011	0.079	0.003	0.	0.012	0.004	0.006	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	51	160.	167.02	292.	92.	1296.26	36.004	124.	146.	180.	217.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	51	776.	785.118	1411.	397.	66044.986	256.992	474.8	547.	1000.	1098.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	45	1054.	1938.2	10860.	85.	6000822.073	2449.658	318.8	501.	1907.5	6306.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	52	369.	370.404	780.	148.	23052.559	151.831	180.	230.25	465.5	540.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	50	75.5	69.44	150.	6.	1578.17	39.726	19.1	30.5	96.25	133.4
01501p	ALPHA, TOTAL	11/23/59-09/22/69	43	33.	50.953	287.	3.	3101.76	55.693	13.4	20.	54.	118.
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	43	16.	27.698	137.	2.	925.264	30.418	5.8	9.	30.	81.4
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	43	7.	7.767	19.	0.	22.087	4.7	2.	3.	11.	15.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	43	5.	5.186	11.	1.	6.155	2.481	2.	3.	7.	8.6
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	43	28.	43.186	285.	1.	3052.679	55.251	7.	12.	48.	107.

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Annual Analysis for 1962 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	43	15.	26.605	137.	1.	955.578	30.912	5.	7.	28.	81.
03501p	BETA, TOTAL	11/23/59-09/22/69	44	141.5	269.773	1320.	31.	91355.017	302.25	57.	87.	297.5	773.
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	44	47.	77.568	450.	8.	9009.972	94.921	18.5	33.	67.5	212.5
03503p	BETA, DISSOLVED	11/23/59-09/22/69	44	45.5	40.773	77.	0.	339.482	18.425	16.	24.5	53.75	65.
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	44	22.	24.	64.	4.	151.163	12.295	8.	15.25	32.	39.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	44	97.	229.	1243.	9.	85717.674	292.776	36.	53.	244.	713.
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	44	37.	71.159	448.	6.	9247.16	96.162	16.	24.25	61.75	210.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	32	125.	770.156	9000.	50.	3549821.749	1884.097	50.	57.5	375.	2310.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	32	2.097	2.275	3.954	1.699	0.404	0.635	1.699	1.759	2.571	3.363
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			188.317								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	22	550.	2690.909	32600.	0.	53316103.896	7301.788	0.	100.	1250.	10510.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	22	0.	1.818	40.	0.	72.727	8.528	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	22	0.	38.182	840.	0.	32072.727	179.089	0.	0.	0.	0.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	22	0.	86.364	890.	0.	48224.242	219.6	0.	0.	37.5	453.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	22	0.	1.818	40.	0.	72.727	8.528	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	22	0.	49.545	270.	0.	7985.498	89.362	0.	0.	47.5	224.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	13	25.	28.077	51.	18.	97.41	9.87	18.	20.	35.5	45.4
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	22	20.	427.727	4350.	0.	1215285.065	1102.4	0.	0.	295.	2363.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	22	360.	2100.455	28060.	0.	36871937.879	6072.227	0.	125.	1050.	6542.

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Annual Analysis for 1963 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	44	15.	13.993	21.	0.5	25.231	5.023	6.5	11.125	18.	19.5
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	52	1020.	1943.462	7550.	980.	3163026.998	1778.49	1000.	1000.	2472.5	5518.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	50	## 12.5	21.17	300.	0.	2260.384	47.543	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	46	5.	4.022	15.	0.	14.022	3.745	0.	0.	5.	10.
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	16	11.45	11.325	12.6	10.2	0.346	0.588	10.34	10.85	11.675	12.11
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	48	8.	8.075	8.9	7.4	0.089	0.298	7.7	7.925	8.275	8.41
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	48	8.	7.981	8.9	7.4	0.098	0.313	7.7	7.925	8.275	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	48	0.01	0.01	0.04	0.001	0.	0.008	0.004	0.005	0.012	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	49	140.	146.939	232.	116.	591.35	24.318	126.	130.	160.	168.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	50	804.5	830.92	1265.	570.	29482.973	171.706	630.	677.5	960.	1038.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	49	43.	122.245	1630.	13.	58000.23	240.832	22.	29.5	154.	210.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	50	396.	394.36	514.	290.	3944.766	62.807	301.	340.	440.	487.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	46	95.	100.435	180.	16.	1008.34	31.754	69.4	81.5	114.5	147.2
01501p	ALPHA, TOTAL	11/23/59-09/22/69	49	9.	9.755	34.	2.	29.647	5.445	5.	6.	11.5	17.
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	49	6.	6.224	20.	4.	6.594	2.568	4.	5.	7.	9.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	49	9.	8.714	18.	2.	13.083	3.617	5.	6.	10.	14.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	49	6.	5.857	9.	4.	2.083	1.443	4.	5.	7.	8.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	49	0.	1.041	25.	0.	14.082	3.753	0.	0.	0.5	3.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	49	1.	1.51	19.	0.	8.047	2.837	0.	0.	2.	3.
03501p	BETA, TOTAL	11/23/59-09/22/69	49	53.	59.041	171.	24.	729.748	27.014	32.	42.5	69.5	95.
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	49	21.	27.204	85.	4.	299.999	17.32	11.	17.5	33.5	56.
03503p	BETA, DISSOLVED	11/23/59-09/22/69	49	48.	50.796	130.	23.	358.999	18.947	28.	41.	59.5	70.
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	49	18.	21.837	45.	4.	106.264	10.308	11.	15.5	32.	39.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	49	4.	8.245	124.	0.	333.73	18.268	0.	1.	8.	14.
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	49	6.	13.673	78.	1.	273.683	16.543	2.	5.	16.5	37.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	45	100.	1261.556	26000.	10.	16571308.889	4070.787	20.	20.	740.	3200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	45	2.	2.13	4.415	1.	0.744	0.862	1.301	1.301	2.841	3.46
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			134.977								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	23	300.	613.043	3200.	0.	780276.68	883.333	100.	100.	700.	2520.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	23	0.	6.957	140.	0.	858.498	29.3	0.	0.	0.	12.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	23	0.	7.391	40.	0.	183.794	13.557	0.	0.	20.	36.

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

Annual Analysis for 1963 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	23	0.	12.174	150.	0.	999.605	31.617	0.	0.	20.	26.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	23	0.	27.391	260.	0.	3338.34	57.778	0.	0.	20.	82.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	23	0.	6.087	80.	0.	306.719	17.513	0.	0.	0.	20.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	16	32.5	41.313	93.	11.	601.296	24.521	15.2	26.	64.75	83.9
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	23	20.	371.304	2770.	0.	639584.585	799.74	0.	0.	180.	2130.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	23	160.	185.652	740.	0.	26107.51	161.578	20.	80.	240.	370.

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Annual Analysis for 1964 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	44	9.75	11.695	23.	1.	26.329	5.131	8.	9.	14.	20.5
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	48	3990.	4447.083	19100.	930.	16841033.865	4103.783	990.	1012.5	6000.	12110.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	41 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	41	5.	7.439	20.	0.	30.152	5.491	0.	5.	10.	15.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	41	8.2	8.198	9.5	7.8	0.067	0.259	8.	8.05	8.3	8.38
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	41	8.2	8.149	9.5	7.8	0.07	0.264	8.	8.05	8.3	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	41	0.006	0.007	0.016	0.	0.	0.003	0.004	0.005	0.009	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	47	148.	144.915	176.	104.	315.819	17.771	112.	135.	160.	164.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	24	950.	930.958	1043.	570.	7532.476	86.79	890.	910.	967.5	1015.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	35	72.	80.343	310.	27.	2746.35	52.406	34.4	58.	86.	103.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	41	402.	383.951	500.	200.	7551.098	86.897	220.	390.	440.	470.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	40	97.5	87.25	114.	32.	675.526	25.991	35.1	86.5	102.75	109.8
01501p	ALPHA, TOTAL	11/23/59-09/22/69	47	7.	7.787	38.	0.	35.432	5.952	2.8	4.	9.	13.2
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	47	5.	6.085	18.	2.	8.297	2.88	3.	4.	8.	9.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	47	7.	7.511	30.	0.	26.038	5.103	2.8	4.	9.	13.2
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	47	5.	6.064	17.	2.	7.8	2.793	3.	4.	8.	9.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	47	0.	0.277	8.	0.	1.465	1.21	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	47	1.	1.064	5.	0.	0.539	0.734	0.	1.	1.	2.
03501p	BETA, TOTAL	11/23/59-09/22/69	47	37.	38.468	117.	15.	232.385	15.244	22.8	30.	45.	49.2
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	47	15.	19.745	64.	4.	176.759	13.295	7.	10.	31.	37.6
03503p	BETA, DISSOLVED	11/23/59-09/22/69	47	36.	35.787	78.	11.	120.519	10.978	22.8	28.	42.	45.4
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	47	12.	14.298	36.	4.	73.735	8.587	7.	8.	19.	32.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	47	1.	2.681	39.	0.	34.526	5.876	0.	0.	3.	5.4
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	47	6.	11.574	61.	1.	154.728	12.439	2.	3.	16.	31.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	44 ##	20.	157.727	3600.	20.	292231.924	540.585	20.	20.	100.	275.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	44 ##	1.301	1.68	3.556	1.301	0.27	0.519	1.301	1.301	2.	2.438
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			47.867								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	19	200.	173.684	600.	0.	25380.117	159.311	0.	0.	300.	400.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	19	0.	26.842	160.	0.	1922.807	43.85	0.	0.	40.	90.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	19	0.	8.421	90.	0.	647.368	25.443	0.	0.	0.	70.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	19	0.	5.263	50.	0.	204.094	14.286	0.	0.	0.	40.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	13	61.	55.462	97.	20.	556.603	23.592	20.	35.	70.	92.2
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	19	30.	73.684	450.	0.	13169.006	114.756	0.	0.	90.	290.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	19	40.	61.579	230.	0.	3236.257	56.888	0.	30.	100.	120.

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Annual Analysis for 1965 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	45	13.	14.378	22.	8.	18.286	4.276	9.	11.	18.5	20.
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/59-09/27/65	33	12000.	18328.182	56000.	6380.	207050784.091	14389.259	7346.	9350.	18950.	48560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	22 ##	12.5	13.614	37.	12.5	27.284	5.223	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	17	0.	0.647	10.	0.	5.868	2.422	0.	0.	0.	2.8
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	37	8.1	8.351	11.7	5.	2.514	1.586	6.5	7.3	9.55	10.52
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	45	8.1	8.118	8.6	7.8	0.035	0.186	7.9	8.	8.2	8.34
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	45	8.1	8.081	8.6	7.8	0.036	0.19	7.9	8.	8.2	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	45	0.008	0.008	0.016	0.003	0.	0.003	0.005	0.006	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	45	120.	120.489	165.	70.	470.528	21.692	95.6	101.	137.5	148.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	27	630.	679.037	1165.	316.	107604.037	328.031	317.8	340.	1045.	1109.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	13	24.	21.615	33.	11.	79.923	8.94	11.	12.	31.	32.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	45	230.	264.667	404.	140.	8145.864	90.254	170.	180.	360.	386.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	11	66.	54.091	79.	16.	609.291	24.684	16.8	24.	74.	78.2
01501p	ALPHA, TOTAL	11/23/59-09/22/69	41	4.	5.366	14.	1.	11.488	3.389	2.	3.	8.5	10.8
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	41	1.	2.	5.	0.	1.6	1.265	1.	1.	3.	4.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	41	4.	5.244	13.	1.	10.789	3.285	2.	3.	8.	10.8
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	41	1.	2.	5.	0.	1.6	1.265	1.	1.	3.	4.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	41	0.	0.122	1.	0.	0.11	0.331	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	41	0.	0.341	1.	0.	0.23	0.48	0.	0.	1.	1.
03501p	BETA, TOTAL	11/23/59-09/22/69	41	19.	21.878	40.	11.	68.46	8.274	13.2	14.	28.	35.6
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	41	4.	5.61	30.	2.	38.894	6.236	2.	2.	5.	13.
03503p	BETA, DISSOLVED	11/23/59-09/22/69	41	18.	20.61	38.	10.	56.644	7.526	13.	14.	26.	33.2
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	41	3.	4.	11.	2.	8.4	2.898	2.	2.	3.5	10.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	41	1.	1.268	8.	0.	2.601	1.613	0.	0.	2.	3.
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	41	2.	3.463	28.	1.	32.755	5.723	1.	1.	3.	7.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	41 ##	20.	189.512	2500.	10.	240314.756	490.219	20.	20.	100.	432.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	41 ##	1.301	1.711	3.398	1.	0.348	0.59	1.301	1.301	2.	2.635
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			51.406								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	11	400.	481.818	1000.	0.	135636.364	368.288	20.	100.	800.	1000.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	11	0.	1.818	20.	0.	36.364	6.03	0.	0.	0.	16.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	11	50.	57.273	180.	0.	2241.818	47.348	4.	20.	70.	158.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	11	50.	213.636	760.	0.	91405.455	302.333	0.	20.	640.	736.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	11	68.	65.182	94.	35.	244.164	15.626	37.8	53.	73.	90.8
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	11	0.	27.273	210.	0.	4121.818	64.201	0.	0.	20.	182.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	11	90.	180.	800.	0.	59160.	243.228	4.	20.	310.	722.

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Annual Analysis for 1966 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	20	10.5	10.65	14.	9.	1.187	1.089	9.1	10.	11.	11.95
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	6 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	7	15.	10.714	15.	0.	36.905	6.075	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/13/61-05/25/66	19	10.1	10.042	12.5	8.4	0.894	0.945	8.5	9.5	10.5	11.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	20	8.05	8.07	8.2	7.9	0.011	0.103	7.91	8.	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	20	8.047	8.058	8.2	7.9	0.011	0.104	7.91	8.	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	20	0.009	0.009	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	21	120.	119.095	126.	110.	15.09	3.885	115.	116.	121.5	124.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/18/61-05/25/66	7	300.	320.143	527.	230.	9487.476	97.404	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	22	13.5	22.591	133.	6.	773.206	27.807	7.3	11.	21.5	56.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	21	278.	274.048	316.	215.	400.148	20.004	246.8	266.5	284.	292.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	6	43.5	43.	48.	37.	16.	4.	**	**	**	**
01501p	ALPHA, TOTAL	11/23/59-09/22/69	25	5.	5.08	8.	4.	1.243	1.115	4.	4.	6.	7.

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Annual Analysis for 1966 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	25	2.	2.04	3.	2.	0.04	0.2	2.	2.	2.	2.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	25	5.	5.08	8.	4.	1.243	1.115	4.	4.	6.	7.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	25	2.	2.04	3.	2.	0.04	0.2	2.	2.	2.	2.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	25	0.	0.04	1.	0.	0.04	0.2	0.	0.	0.	0.
03501p	BETA, TOTAL	11/23/59-09/22/69	25	21.	20.68	26.	16.	7.977	2.824	16.6	18.	23.	24.4
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	25	3.	3.32	5.	2.	0.393	0.627	3.	3.	4.	4.
03503p	BETA, DISSOLVED	11/23/59-09/22/69	25	20.	20.24	25.	14.	8.273	2.876	16.	18.	22.5	23.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	25	3.	3.12	5.	2.	0.277	0.526	3.	3.	3.	4.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	25	0.	0.44	3.	0.	0.507	0.712	0.	0.	1.	1.
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	25	1.	1.44	3.	1.	0.673	0.821	1.	1.	1.5	3.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	17 ##	100.	92.941	500.	20.	12397.059	111.342	20.	20.	100.	180.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	17 ##	2.	1.789	2.699	1.301	0.156	0.394	1.301	1.301	2.	2.14
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			61.478								
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	8	50.	112.5	500.	0.	29821.429	172.689	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	8	0.	13.75	70.	0.	712.5	26.693	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	8	35.	50.	180.	0.	3914.286	62.564	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	8	0.	2.5	20.	0.	50.	7.071	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	8	46.5	49.875	84.	25.	477.839	21.86	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	8	0.	1.25	10.	0.	12.5	3.536	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	8	10.	50.	240.	0.	6828.571	82.635	**	**	**	**

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

Annual Analysis for 1967 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	6	12.5	11.667	15.	5.	16.667	4.082	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	6	118.5	119.833	136.	110.	83.767	9.152	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	6	280.	288.833	360.	260.	1405.767	37.494	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	6	47.5	51.	67.	44.	78.8	8.877	**	**	**	**
01501p	ALPHA, TOTAL	11/23/59-09/22/69	28	5.	6.286	15.	3.	9.026	3.004	4.	4.	7.75	12.1
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	28	2.	2.286	3.	2.	0.212	0.46	2.	2.	3.	3.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	28	5.	6.179	14.	3.	7.708	2.776	4.	4.	7.75	12.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	28	2.	2.286	3.	2.	0.212	0.46	2.	2.	3.	3.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	28	0.	0.107	1.	0.	0.099	0.315	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	28	0.	0.071	1.	0.	0.069	0.262	0.	0.	0.	0.1
03501p	BETA, TOTAL	11/23/59-09/22/69	28	17.	17.571	30.	11.	16.995	4.122	13.	14.25	19.75	22.3
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	28	4.	3.643	6.	3.	0.534	0.731	3.	3.	4.	4.1
03503p	BETA, DISSOLVED	11/23/59-09/22/69	28	17.	17.107	29.	11.	14.988	3.871	13.	14.25	19.75	22.1
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	28	4.	3.536	4.	3.	0.258	0.508	3.	3.	4.	4.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	28	0.	0.464	2.	0.	0.406	0.637	0.	0.	1.	1.1
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	28	1.	1.214	4.	1.	0.471	0.686	1.	1.	1.	2.1
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	7	200.	300.	800.	100.	66666.667	258.199	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	72.857	490.	0.	33890.476	184.094	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	7	90.	110.	330.	0.	13066.667	114.31	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	7	0.	8.571	40.	0.	247.619	15.736	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	7	0.	5.714	20.	0.	95.238	9.759	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	12/02/61-05/02/67	1	98.	98.	98.	98.	0.	0.	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	7	0.	5.714	20.	0.	95.238	9.759	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	7	20.	75.714	330.	0.	14228.571	119.284	**	**	**	**

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

Annual Analysis for 1968 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	4	14.5	13.5	15.	10.	5.667	2.38	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	4	128.5	132.	152.	119.	246.	15.684	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	4	344.	322.	400.	200.	7696.	87.727	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	4	67.	63.	72.	46.	134.667	11.605	**	**	**	**
01501p	ALPHA, TOTAL	11/23/59-09/22/69	38	5.	5.579	14.	1.	5.926	2.434	3.	4.	6.	8.1
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	38	3.	2.816	5.	2.	0.479	0.692	2.	2.	3.	4.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	38	5.	5.5	13.	1.	5.662	2.38	2.9	4.	6.	8.1
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	38	3.	2.816	5.	2.	0.479	0.692	2.	2.	3.	4.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	38	0.	0.079	1.	0.	0.075	0.273	0.	0.	0.	0.1
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
03501p	BETA, TOTAL	11/23/59-09/22/69	38	20.	24.026	78.	8.	212.891	14.591	11.9	17.75	25.	38.8
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	38	5.	7.395	19.	3.	23.597	4.858	3.9	4.	10.	17.
03503p	BETA, DISSOLVED	11/23/59-09/22/69	38	19.	22.947	72.	0.	194.051	13.93	11.9	16.75	24.25	36.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	38	5.	7.395	19.	3.	23.597	4.858	3.9	4.	10.	17.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	38	1.	1.079	9.	0.	3.426	1.851	0.	0.	1.	4.
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	38	1.	1.579	3.	1.	0.845	0.919	1.	1.	3.	3.
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	7	100.	200.	700.	0.	53333.333	230.94	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	34.286	190.	0.	5061.905	71.147	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	15.714	110.	0.	1728.571	41.576	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	7	0.	4.286	30.	0.	128.571	11.339	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	6	0.	0.	0.	0.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	6	0.	123.333	740.	0.	91266.667	302.104	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	5	0.	8.	20.	0.	120.	10.954	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	6	10.	23.333	60.	0.	866.667	29.439	**	**	**	**

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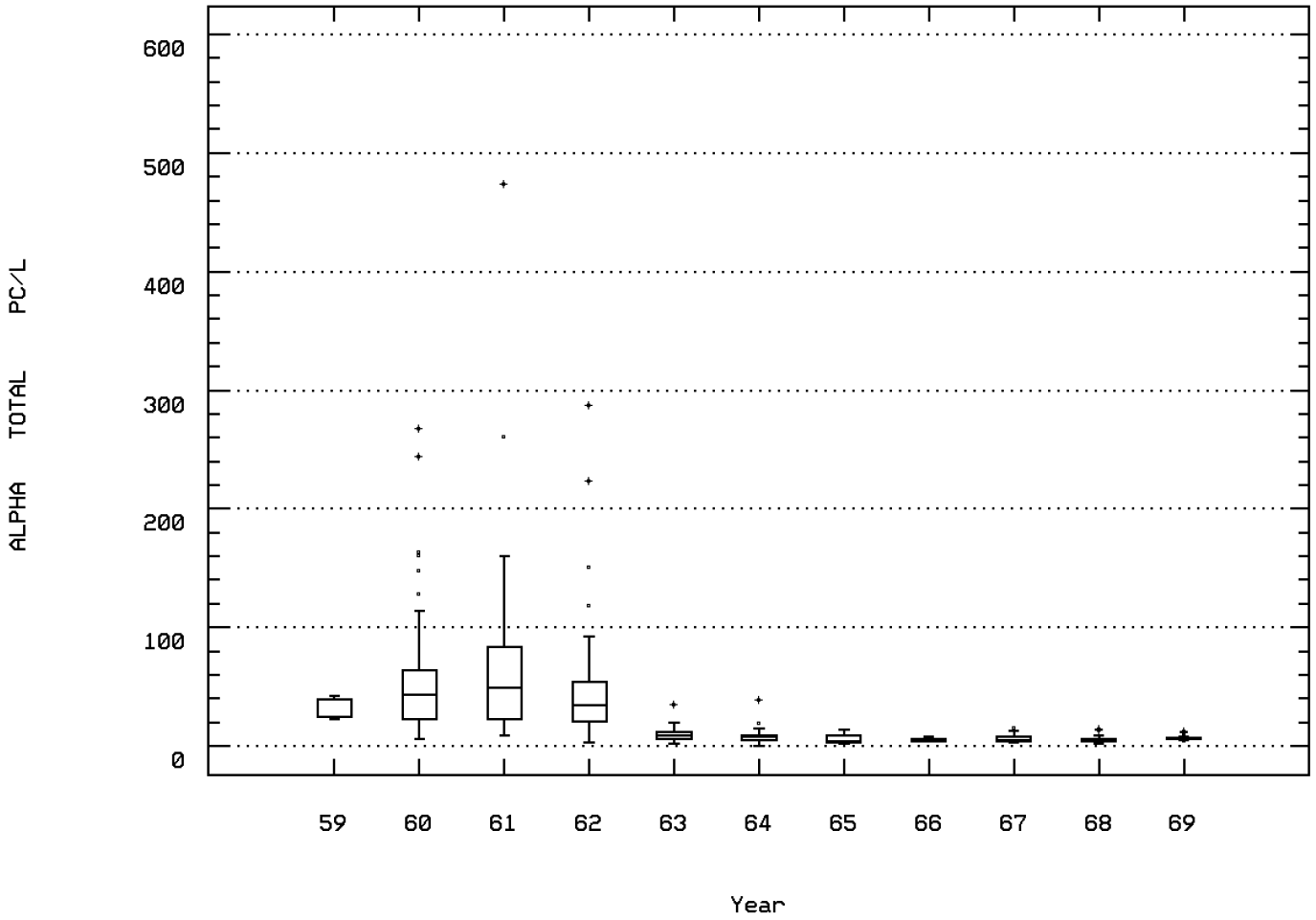
Annual Analysis for 1969 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01501p	ALPHA, TOTAL	11/23/59-09/22/69	38	6.	6.5	12.	4.	2.689	1.64	4.9	5.75	7.	8.1
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	38	1.	0.971	2.	0.5	0.048	0.218	0.69	1.	1.	1.
01503p	ALPHA, DISSOLVED	11/23/59-09/22/69	38	6.	6.421	12.	4.	2.791	1.671	4.	5.75	7.	8.1
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	38	1.	0.971	2.	0.5	0.048	0.218	0.69	1.	1.	1.
01505p	ALPHA, SUSPENDED	11/23/59-09/22/69	38	0.1	0.113	0.7	0.	0.027	0.163	0.	0.	0.1	0.22
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	38	0.	0.037	0.7	0.	0.014	0.117	0.	0.	0.	0.1
03501p	BETA, TOTAL	11/23/59-09/22/69	39	10.	11.974	44.	4.	61.92	7.869	7.	9.	12.	16.
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	38	3.	2.947	6.	1.	0.808	0.899	2.	2.	3.	4.
03503p	BETA, DISSOLVED	11/23/59-09/22/69	38	9.	10.342	42.	4.	32.934	5.739	6.9	8.	11.	13.
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	38	3.	2.947	6.	2.	0.7	0.837	2.	2.	3.	4.
03505p	BETA, SUSPENDED	11/23/59-09/22/69	38	0.6	1.708	31.	0.2	24.777	4.978	0.2	0.4	1.	3.1
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	38	0.1	0.218	3.	0.1	0.223	0.472	0.1	0.1	0.1	0.31

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

Station: GLCA0012 Parameter Code: 01501

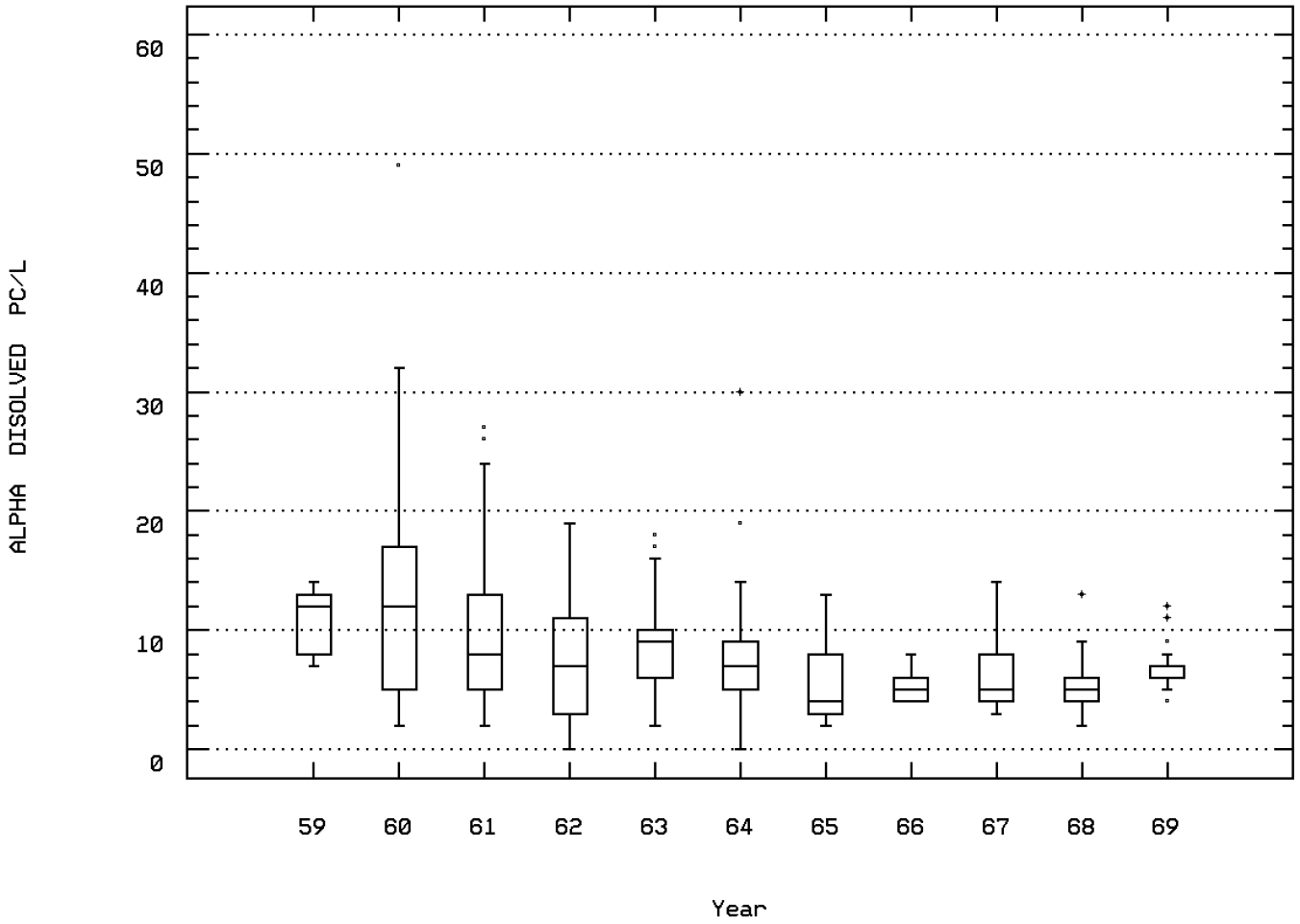
ALPHA, TOTAL



COLORADO RIVER AT PAGE

Station: GLCA0012 Parameter Code: 01503

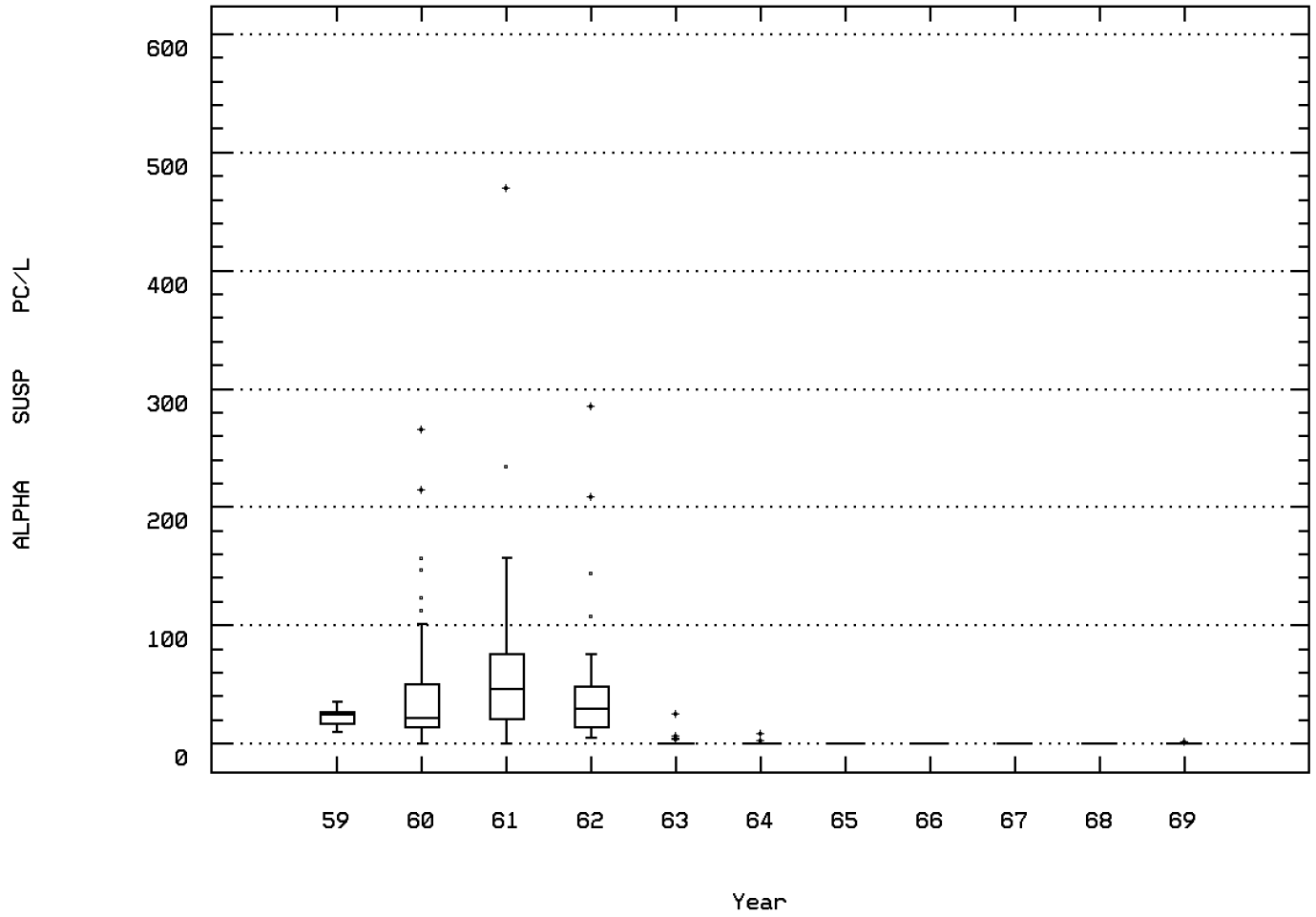
ALPHA, DISSOLVED



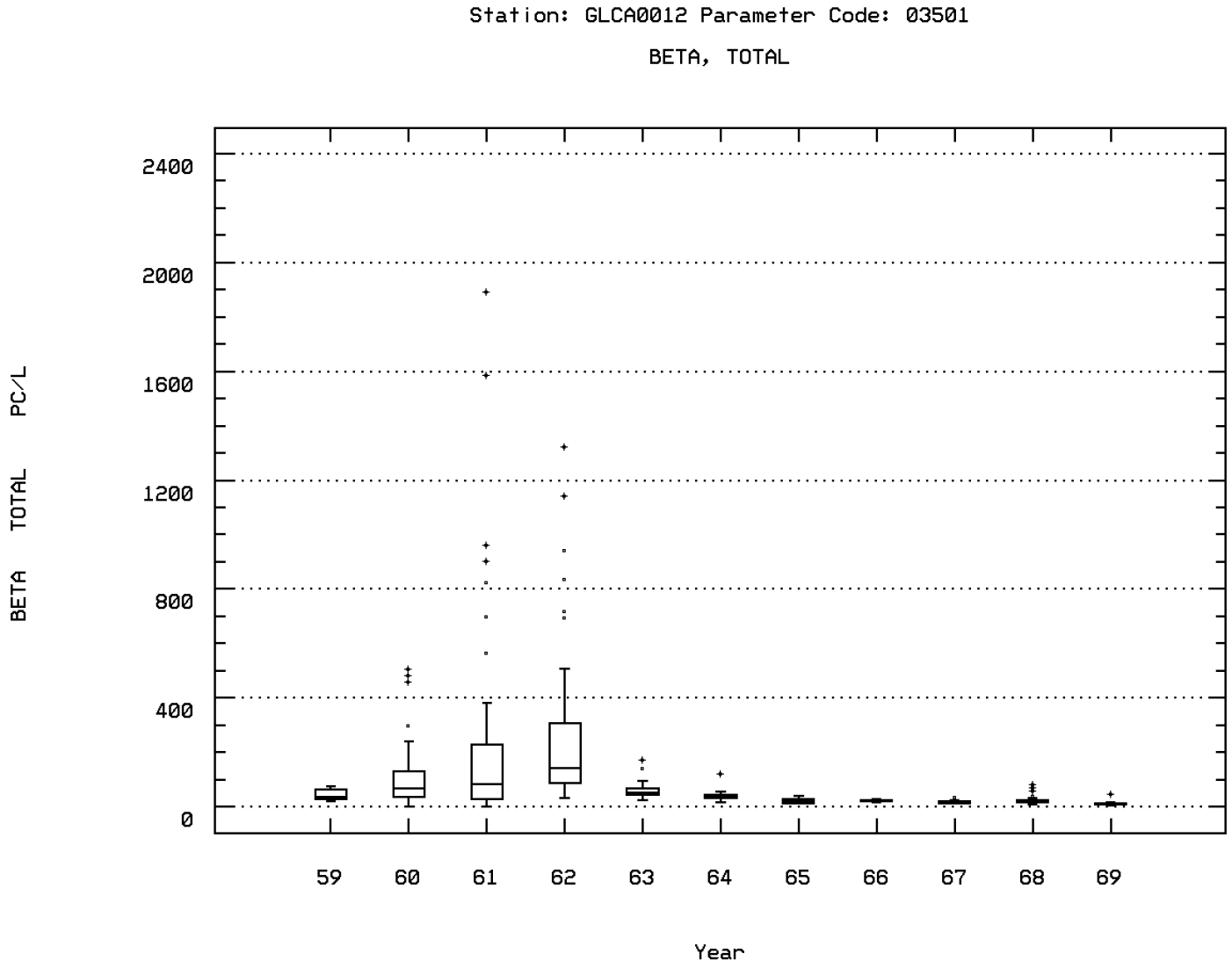
COLORADO RIVER AT PAGE

Station: GLCA0012 Parameter Code: 01505

ALPHA, SUSPENDED



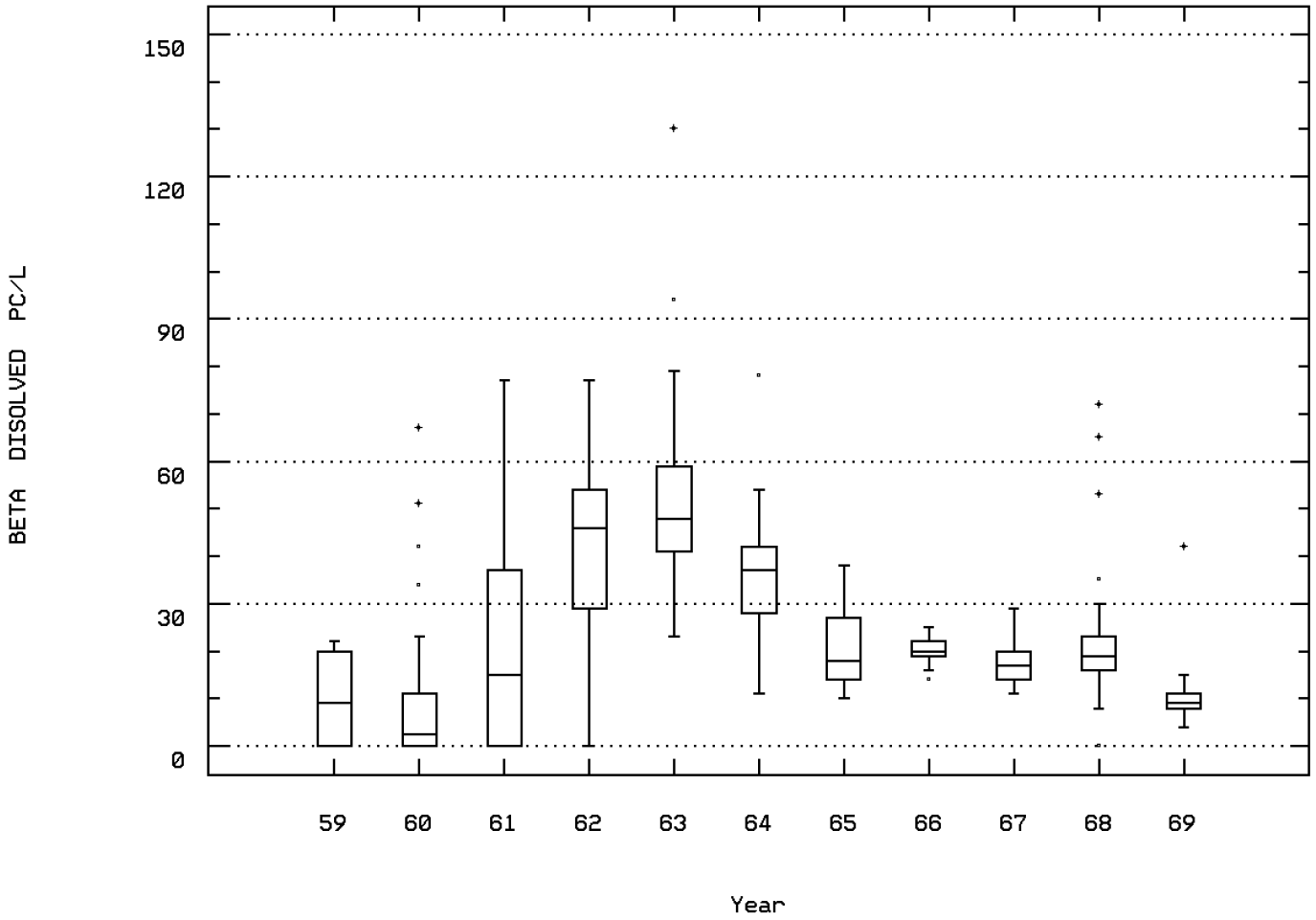
COLORADO RIVER AT PAGE



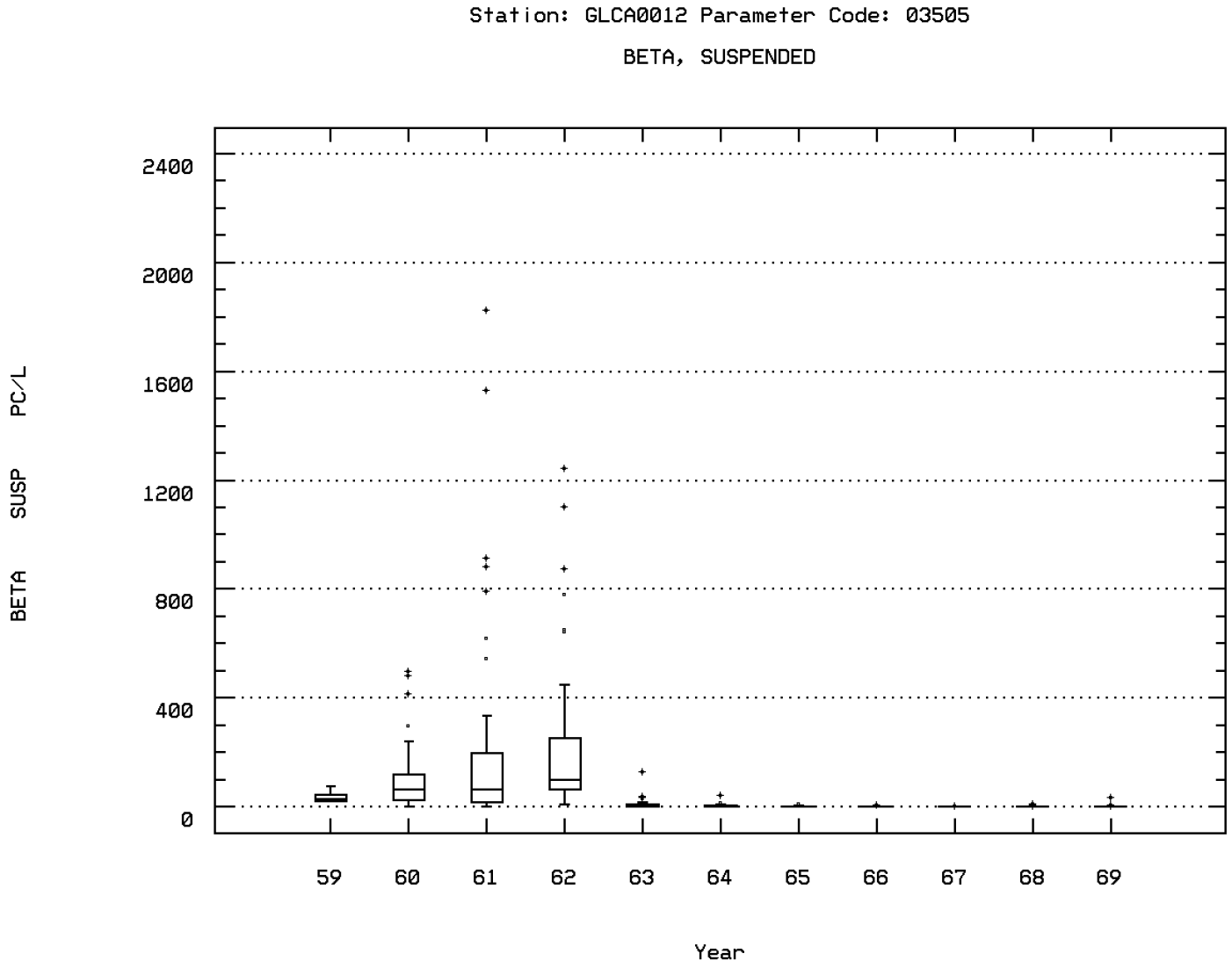
COLORADO RIVER AT PAGE

Station: GLCA0012 Parameter Code: 03503

BETA, DISSOLVED



COLORADO RIVER AT PAGE



COLORADO RIVER AT PAGE

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	68	19.	19.076	28.	8.5	22.574	4.751	11.45	17.	22.85	25.37
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	67	400.	3495.142	80000.	0.	115835753.127	10762.702	12.5	12.5	2000.	8400.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	59	8.	7.254	50.	0.	62.296	7.893	0.	0.	10.	15.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	69	8.1	8.075	8.6	7.6	0.04	0.199	7.8	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	69	8.1	8.031	8.6	7.6	0.042	0.204	7.8	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	69	0.008	0.009	0.025	0.003	0.	0.005	0.005	0.006	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	76	142.	159.526	550.	70.	4785.959	69.181	100.	116.5	180.	237.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	57	1169.	2201.14	9999.	11.	8969880.659	2994.976	30.	44.5	3263.	7036.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	76	362.	389.316	780.	140.	28559.739	168.996	177.7	254.	538.	645.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	64	77.	76.953	151.	16.	1208.998	34.771	35.	48.25	97.	130.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	34	270.	257.412	460.	100.	9486.553	97.399	117.5	158.25	314.	390.
01501	ALPHA, TOTAL	11/23/59-09/22/69	94	7.	36.574	473.	1.	4919.15	70.137	3.	4.	42.25	127.5
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	77	3.	10.191	108.	0.5	446.015	21.119	1.	2.	6.	22.
01503	ALPHA, DISSOLVED	11/23/59-09/22/69	94	6.	8.457	49.	1.	59.219	7.695	3.	4.	10.25	16.5
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	77	3.	3.581	10.	0.5	5.919	2.433	1.	2.	5.	7.2
01505	ALPHA, SUSPENDED	11/23/59-09/22/69	94	0.	28.121	469.	0.	4565.884	67.571	0.	0.	24.5	116.5
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	77	0.	8.234	108.	0.	476.366	21.826	0.	0.	1.	26.8
03501	BETA, TOTAL	11/23/59-09/22/69	96	24.5	150.729	1891.	0.	104826.389	323.769	10.	15.	90.	504.3
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	78	7.	34.795	450.	2.	6079.957	77.974	2.	3.	30.	66.3
03503	BETA, DISSOLVED	11/23/59-09/22/69	95	17.	25.168	77.	0.	349.652	18.699	5.6	13.	40.	55.
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	78	7.	12.487	64.	2.	158.409	12.586	2.	3.	18.25	32.4
03505	BETA, SUSPENDED	11/23/59-09/22/69	95	1.	127.036	1824.	0.	99904.467	316.077	0.	0.	64.	466.2
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	78	3.	29.767	448.	0.1	6089.387	78.035	0.1	1.	24.25	53.9
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	45	200.	1785.222	26000.	20.	19270093.131	4389.771	20.	82.5	1450.	6640.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	45	2.301	2.461	4.415	1.301	0.692	0.832	1.301	1.906	3.159	3.819
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			289.102								
32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	13	501.	2784.385	8890.	365.	8386585.59	2895.96	373.4	389.	5185.	7638.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	16	619.	504.75	1025.	108.	118289.933	343.933	112.2	150.5	780.5	991.4
32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	13	126.	397.	932.	60.	123455.833	351.363	69.6	90.	729.5	924.4
32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	15	64.	64.	109.	19.	852.714	29.201	22.	31.	89.	104.2
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	25	100.	2048.	32600.	0.	48421766.667	6958.575	0.	100.	300.	6400.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	25	0.	8.	140.	0.	833.333	28.868	0.	0.	0.	28.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	25	0.	33.6	840.	0.	28224.	168.	0.	0.	0.	0.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	25	0.	91.6	890.	0.	41714.	204.24	0.	0.	75.	336.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	25	0.	1.2	30.	0.	36.	6.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	25	0.	37.6	640.	0.	17652.333	132.862	0.	0.	0.	126.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	25	0.	3.2	40.	0.	89.333	9.452	0.	0.	0.	20.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	24	0.	331.667	4350.	0.	1149197.101	1072.006	0.	0.	20.	1740.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	25	60.	1560.8	28060.	0.	33451241.	5783.705	0.	20.	115.	3950.

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	82	8.8	8.484	22.	0.	34.407	5.866	0.9	2.825	12.325	17.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	69	135.	290.717	2500.	5.	194633.379	441.173	12.5	12.5	450.	800.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	60	6.	6.733	25.	0.	34.301	5.857	0.	0.25	10.	15.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	80	8.1	8.093	8.4	7.6	0.018	0.135	7.91	8.	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	80	8.1	8.07	8.4	7.6	0.019	0.137	7.91	8.	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	80	0.008	0.009	0.025	0.004	0.	0.003	0.006	0.006	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	77	150.	155.13	250.	77.	1253.536	35.405	110.	130.5	181.	198.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	58	172.5	319.845	1758.	11.	170392.87	412.787	14.9	24.75	484.5	773.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	72	409.	391.75	660.	176.	13458.894	116.012	220.	290.75	469.5	537.6
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	65	98.	96.815	159.	16.	1210.34	34.79	47.6	75.	126.	144.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	32	390.	354.469	500.	125.	10098.838	100.493	214.4	280.	450.	460.
01501	ALPHA, TOTAL	11/23/59-09/22/69	93	7.	15.172	160.	2.	433.644	20.824	4.	5.	19.5	37.

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Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	76	3.	4.724	20.	0.	15.616	3.952	1.	2.	7.	9.3
01503	ALPHA, DISSOLVED	11/23/59-09/22/69	93	7.	8.247	24.	2.	23.384	4.836	4.	5.	11.	15.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	76	3.	3.868	9.	0.	5.556	2.357	1.	2.	6.	7.
01505	ALPHA, SUSPENDED	11/23/59-09/22/69	93	0.	6.923	146.	0.	353.809	18.81	0.	0.	6.	23.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	76	0.	1.897	19.	0.	14.246	3.774	0.	0.	1.	7.
03501	BETA, TOTAL	11/23/59-09/22/69	93	27.	49.688	690.	0.	6193.434	78.698	13.	18.	51.	109.2
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	76	7.	15.132	69.	2.	296.409	17.217	3.	4.	20.25	47.8
03503	BETA, DISSOLVED	11/23/59-09/22/69	93	22.	24.72	62.	0.	225.747	15.025	4.4	14.5	35.5	47.6
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	76	7.	10.947	42.	2.	114.344	10.693	3.	3.25	16.25	27.9
03505	BETA, SUSPENDED	11/23/59-09/22/69	93	1.	24.982	640.	0.	5515.836	74.269	0.	0.	18.5	81.2
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	76	2.5	9.518	64.	0.3	202.865	14.243	1.	1.	8.	37.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	65 ##	55.	184.715	2100.	0.5	144144.859	379.664	20.	20.	100.	500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	65 ##	1.74	1.84	3.322	-0.301	0.351	0.592	1.301	1.301	2.	2.699
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			69.176								
32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	15	362.	2428.533	6463.	329.	7057499.981	2656.596	332.	345.	5380.	6065.2
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	20	615.5	546.85	1081.	77.	145023.608	380.82	86.3	123.75	894.25	1065.7
32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	19	530.	486.053	1008.	44.	141167.164	375.722	57.	88.	850.	990.
32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	20	60.	57.45	109.	15.	804.997	28.372	20.2	31.25	76.75	106.3
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	27	200.	388.889	1900.	0.	235641.026	485.429	0.	100.	400.	1160.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	27	0.	0.741	20.	0.	14.815	3.849	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	27	0.	1.852	30.	0.	46.439	6.815	0.	0.	0.	4.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	27	0.	27.778	330.	0.	4394.872	66.294	0.	0.	30.	74.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	26	10.	27.692	260.	0.	2754.462	52.483	0.	0.	40.	70.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	26	0.	0.769	20.	0.	15.385	3.922	0.	0.	0.	0.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	26	0.	127.308	1500.	0.	97596.462	312.404	0.	0.	95.	459.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	26	105.	218.077	1530.	0.	110560.154	332.506	0.	35.	252.5	659.

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	108	10.	10.472	20.9	0.2	18.979	4.357	4.44	8.075	13.	16.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	100	17.5	892.185	11000.	6.	2713375.226	1647.233	12.5	12.5	900.	3192.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	94	5.	9.479	80.	0.	203.629	14.27	0.	5.	10.	17.
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	110	8.1	8.118	9.5	7.4	0.086	0.293	7.8	8.	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	110	8.1	8.031	9.5	7.4	0.094	0.306	7.8	8.	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	110	0.008	0.009	0.04	0.	0.	0.006	0.003	0.005	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	97	152.	155.835	450.	96.	1818.785	42.647	120.	135.5	164.	184.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	97	205.	946.237	10860.	6.	3130048.579	1769.194	16.4	65.5	1009.	2490.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	115	380.	358.243	584.	168.	8342.87	91.339	218.	283.	430.	460.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	91	93.	84.615	180.	18.	1611.284	40.141	26.4	48.	114.	135.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	53	360.	329.585	480.	86.	11384.401	106.698	105.	262.5	400.	440.
01501	ALPHA, TOTAL	11/23/59-09/22/69	144	9.	26.257	287.	2.	1787.745	42.282	5.	6.	28.25	65.5
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	109	3.	8.204	137.	0.7	287.962	16.969	1.	2.	7.	19.
01503	ALPHA, DISSOLVED	11/23/59-09/22/69	144	7.	7.639	27.	0.	19.085	4.369	3.	5.	9.	13.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	109	3.	3.69	11.	0.7	5.644	2.376	1.	2.	5.	8.
01505	ALPHA, SUSPENDED	11/23/59-09/22/69	144	0.	18.621	285.	0.	1788.057	42.285	0.	0.	19.25	54.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	109	0.1	5.496	137.	0.	307.201	17.527	0.	0.	1.	19.
03501	BETA, TOTAL	11/23/59-09/22/69	144	37.	87.285	1320.	0.	28388.065	168.488	12.	21.	73.	216.5
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	109	7.	19.615	224.	1.	887.535	29.792	3.	3.	26.	54.
03503	BETA, DISSOLVED	11/23/59-09/22/69	144	22.	26.049	94.	0.	395.571	19.889	0.	11.	38.	54.5
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	109	6.	11.055	45.	2.	113.719	10.664	3.	3.	17.	28.
03505	BETA, SUSPENDED	11/23/59-09/22/69	144	2.	61.245	1243.	0.	26712.745	163.44	0.	1.	41.5	192.5
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	109	2.	13.928	223.	0.1	845.724	29.081	0.1	1.	13.	38.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	91 ##	50.	660.11	9000.	10.	1977038.877	1406.072	20.	20.	500.	2340.

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Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	91 ##	1.699	2.028	3.954	1.	0.674	0.821	1.301	1.301	2.699	3.369
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			106.741								
32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	16	3039.	2932.438	7500.	323.	6464967.729	2542.63	345.4	360.	5037.5	6267.3
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	19	546.	536.421	1121.	103.	176884.146	420.576	108.	117.	951.	1060.
32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	19	511.	475.632	1022.	59.	154061.246	392.506	65.	94.	867.	986.
32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	19	72.	60.789	111.	9.	1109.953	33.316	14.	33.	85.	109.
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	30	350.	556.667	3200.	0.	601160.92	775.346	0.	0.	725.	1100.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	30	0.	4.	40.	0.	121.379	11.017	0.	0.	0.	20.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	30	0.	12.333	150.	0.	942.644	30.703	0.	0.	20.	47.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	30	0.	60.667	760.	0.	31116.782	176.399	0.	0.	27.5	88.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	30	0.	28.667	740.	0.	18280.92	135.207	0.	0.	0.	20.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	30	20.	256.333	2770.	0.	453334.368	673.301	0.	0.	115.	644.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	30	105.	200.667	1040.	0.	67434.023	259.681	0.	0.	340.	689.

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/23/59-05/25/66	52	20.	19.535	28.2	8.	35.942	5.995	9.29	15.25	24.95	27.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/59-09/30/68	46	310.	421.793	2000.	12.5	312725.184	559.218	12.5	12.5	562.5	1350.
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/59-09/30/68	36	7.5	8.694	22.	0.	47.418	6.886	0.	5.	13.	20.3
00400	PH (STANDARD UNITS)	11/23/59-05/25/66	52	8.1	8.09	8.6	7.1	0.064	0.253	7.8	8.	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/23/59-05/25/66	52	8.1	7.993	8.6	7.1	0.074	0.271	7.8	8.	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/59-05/25/66	52	0.008	0.01	0.079	0.003	0.	0.011	0.004	0.006	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/60-09/30/68	52	132.	135.712	330.	84.	1863.778	43.171	96.3	109.75	147.5	160.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/59-09/26/66	42	270.5	488.619	3038.	8.	449284.973	670.287	28.3	45.25	633.75	1616.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/60-09/30/68	52	289.5	296.5	520.	148.	9546.373	97.706	180.	197.	390.	407.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/59-09/30/68	47	58.	59.255	114.	6.	1316.412	36.282	18.	23.	100.	106.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/30/61-09/30/68	26	295.	269.	430.	46.	14026.	118.431	60.1	171.	380.	380.
01501	ALPHA, TOTAL	11/23/59-09/22/69	68	8.5	14.441	84.	0.	256.788	16.025	2.9	5.25	15.5	35.3
01502	ALPHA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	52	3.	4.346	18.	1.	14.113	3.757	1.	2.	6.	10.
01503	ALPHA, DISSOLVED	11/23/59-09/22/69	68	6.	6.618	30.	0.	22.329	4.725	2.	3.	8.75	12.1
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	52	2.5	3.635	17.	1.	9.413	3.068	1.	2.	5.	7.7
01505	ALPHA, SUSPENDED	11/23/59-09/22/69	68	0.	7.981	78.	0.	253.954	15.936	0.	0.	9.5	28.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	52	0.	1.367	14.	0.	9.094	3.016	0.	0.	1.	5.
03501	BETA, TOTAL	11/23/59-09/22/69	68	37.5	52.074	259.	2.	2891.711	53.775	8.9	16.	57.5	129.
03502	BETA, TOTAL, COUNTING ERROR	10/02/61-09/22/69	52	14.	15.154	46.	2.	165.701	12.873	2.	3.25	24.5	35.7
03503	BETA, DISSOLVED	11/23/59-09/22/69	68	19.	27.809	130.	0.	606.724	24.632	0.	9.25	44.	60.1
03504	BETA, DISSOLVED, COUNTING ERROR	10/02/61-09/22/69	52	8.	12.654	36.	2.	123.407	11.109	2.	3.	18.	33.4
03505	BETA, SUSPENDED	11/23/59-09/22/69	68	4.	24.249	198.	0.	2218.743	47.104	0.	0.425	29.	93.1
03506	BETA, SUSPENDED, COUNTING ERROR	10/02/61-09/22/69	52	3.	6.46	34.	0.1	73.32	8.563	0.1	1.	9.	20.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/23/59-05/25/66	41	100.	359.878	2000.	10.	309886.86	556.675	20.	50.	520.	1000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/23/59-05/25/66	41	2.	2.101	3.301	1.	0.404	0.636	1.301	1.699	2.704	3.
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			126.168								
32001	SAMPLE SIZE (GALLONS)	11/30/59-02/17/71	7	3770.	2789.	5090.	313.	5368455.667	2316.993	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	11/30/59-02/17/71	7	140.	452.143	1088.	89.	200566.476	447.846	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	11/30/59-02/17/71	7	78.	394.571	992.	61.	175768.952	419.248	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	11/30/59-02/17/71	8	47.	53.	96.	15.	1028.	32.062	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-11/04/68	20	200.	485.	1700.	0.	231868.421	481.527	100.	200.	875.	1360.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	20	0.	42.	490.	0.	13153.684	114.69	0.	0.	30.	178.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-11/04/68	20	0.	1.	20.	0.	20.	4.472	0.	0.	0.	0.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-11/04/68	20	30.	60.5	180.	0.	4257.632	65.251	0.	0.	105.	178.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-11/04/68	20	0.	2.	40.	0.	80.	8.944	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-09/30/68	20	0.	45.5	270.	0.	7636.579	87.388	0.	0.	72.5	228.

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-09/30/68	20	0.	3.	50.	0.	127.368	11.286	0.	0.	0.	9.
60400	DIATOMS, CENTRIC (/ML)	10/02/61-09/09/68	20	20.	40.	290.	0.	5084.211	71.304	0.	0.	47.5	161.
60600	DIATOMS, PENNATE (/ML)	10/02/61-09/30/68	20	105.	285.5	1300.	0.	140057.632	374.243	20.	45.	450.	1052.

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

Station Inventory for Station: GLCA0013

NPS Station ID: GLCA0013
LAT/LON: 36.936670/-111.483337
Agency: 21UTAH
Date Created: 03/21/77
Location: COLORADO RIVER BLW GLEN CYN DAM
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495852 /555052 /C-73515
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER COLORADO RIVER-MAIN STEM
ECO Region:
RF1 Index: 14070006002
RF1 Mile Point: 1.880
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0013

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

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

Station Inventory for Station: GLCA0014

NPS Station ID: GLCA0014
LAT/LON: 36.936670/-111.483337
Agency: 21UTAH
Date Created: 03/24/79
Location: COLORADO RIVER BL GLEN CANYON DAM
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER COLORADO RIVER DRAINAGE
ECO Region:
RF1 Index: 14070006002
RF1 Mile Point: 1.880
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	39	10.	9.892	15.4	6.5	3.993	1.998	7.5	8.3	11.	12.5
00065	STAGE, STREAM (FEET)	12/01/80-12/01/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/01/80-12/01/80	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	41	0.8	1.276	7.	0.3	1.431	1.196	0.4	0.6	1.65	2.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	34	725.5	742.588	990.	276.	25344.734	159.2	581.5	639.5	892.5	932.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	41	800.	794.073	1030.	625.	13849.87	117.685	652.6	677.5	897.5	940.
00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	37	6.8	6.892	9.6	5.	1.255	1.12	5.54	6.1	7.65	8.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/79-08/15/79	4 ##	0.75	0.875	1.5	0.5	0.229	0.479	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	38	10.5	12.145	35.	5.	54.08	7.354	5.	5.	18.	20.1
00400	PH (STANDARD UNITS)	05/10/78-11/12/86	32	7.8	7.866	8.6	6.9	0.126	0.355	7.5	7.7	8.075	8.37
00400	CONVERTED PH (STANDARD UNITS)	05/10/78-11/12/86	32	7.8	7.705	8.6	6.9	0.153	0.391	7.5	7.7	8.075	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	32	0.016	0.02	0.126	0.003	0.001	0.024	0.004	0.008	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	05/10/78-11/12/86	10	8.	8.07	8.6	7.9	0.058	0.241	7.9	7.9	8.175	8.58
00403	CONVERTED PH, LAB, STANDARD UNITS	05/10/78-11/12/86	10	8.	8.023	8.6	7.9	0.06	0.246	7.9	7.9	8.175	8.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	10	0.01	0.009	0.013	0.003	0.	0.004	0.003	0.007	0.013	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	41	2.	1.878	4.	0.	0.96	0.98	1.	1.	3.	3.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	41	130.	131.317	177.	119.	115.822	10.762	121.	124.5	136.	140.4
00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	41	156.	157.683	188.	142.	100.922	10.046	146.	148.	166.	168.
00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	40	0.	0.525	4.	0.	1.384	1.176	0.	0.	0.	2.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/78-12/05/84	25 ##	1.5	2.858	16.	0.15	12.287	3.505	0.15	1.5	2.75	7.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/16/79-11/12/86	20 ##	1.5	1.775	6.	0.	1.67	1.292	0.	1.5	2.5	2.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	38 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	29 ##	0.005	0.013	0.05	0.	0.	0.012	0.005	0.005	0.025	0.025
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/79-12/05/84	11 ##	0.025	0.021	0.025	0.005	0.	0.008	0.005	0.025	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	32	0.475	0.514	0.8	0.23	0.02	0.141	0.343	0.41	0.64	0.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/17/79-12/05/84	11	0.6	0.585	0.8	0.34	0.019	0.138	0.362	0.45	0.7	0.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	41	0.3	0.322	1.	0.05	0.039	0.197	0.1	0.2	0.4	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/78-04/26/83	23	0.5	0.491	0.7	0.3	0.012	0.112	0.35	0.4	0.55	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	40	0.035	0.228	7.15	0.005	1.262	1.123	0.01	0.025	0.058	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	30 ##	0.01	0.015	0.06	0.	0.	0.015	0.003	0.005	0.021	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	36	5.	6.469	37.1	2.	37.808	6.149	2.52	3.125	7.225	12.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	41	270.	266.122	320.	191.	1065.11	32.636	226.2	236.5	292.	310.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	41	68.	67.561	88.	42.	107.902	10.388	56.	58.	76.5	80.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	40	24.	23.575	29.	13.	10.815	3.289	20.	21.25	26.	27.
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	41	69.	69.22	95.	48.	227.976	15.099	51.	53.	83.	90.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	40	4.	3.625	5.	2.	0.548	0.74	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	41	46.	44.122	72.	26.	193.46	13.909	27.	30.	56.	63.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/79-12/05/84	20	52.5	52.65	72.	27.	124.134	11.142	28.9	48.	59.75	65.8

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

Parameter Inventory for Station: GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	41	217.	212.78	286.	151.	1864.676	43.182	156.4	167.	255.5	270.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/10/78-10/21/81	14	0.28	0.283	0.38	0.24	0.001	0.036	0.24	0.265	0.293	0.35
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/10/78-10/21/81	14	8.	8.357	10.	8.	0.401	0.633	8.	8.	9.	9.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	39	1.	1.346	5.	0.25	1.048	1.024	0.25	1.	2.	3.
01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	39	0.025	9.388	100.	0.	583.882	24.164	0.	0.	0.1	50.
01020	BORON, DISSOLVED (UG/L AS B)	05/10/78-10/21/81	14	142.5	141.786	165.	120.	236.951	15.393	120.	131.25	155.	165.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	37 ##	0.5	0.784	5.	0.5	0.785	0.886	0.5	0.5	0.5	1.3
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/10/78-10/21/81	11 ##	2.5	2.455	2.5	2.	0.023	0.151	2.1	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	37 ##	2.5	3.203	10.	1.	3.201	1.789	2.5	2.5	2.5	5.5
01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	37 ##	5.	7.77	20.	2.5	16.244	4.03	4.5	5.	10.	15.
01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	37 ##	2.5	10.27	251.5	1.	1672.411	40.895	2.5	2.5	2.5	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	37 ##	5.	8.162	75.	0.	143.167	11.965	2.5	5.	7.5	15.
01067	NICKEL, TOTAL (UG/L AS NI)	05/10/78-04/26/83	20 ##	5.	8.5	25.	5.	39.079	6.251	5.	5.	10.	23.75
01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	37 ##	1.	1.378	5.	1.	0.992	0.996	1.	1.	1.	2.5
01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	38	10.	13.974	90.	2.5	252.445	15.889	4.8	5.	20.	25.5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/86-10/01/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	40 ##	0.5	0.596	2.	0.25	0.223	0.472	0.25	0.25	0.6	1.
01501	ALPHA, TOTAL	05/10/78-08/19/86	4	6.	7.75	19.	0.	74.917	8.655	**	**	**	**
03501	BETA, TOTAL	05/10/78-08/19/86	4	7.5	44.	161.	0.	6100.667	78.107	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/10/78-08/19/86	3	500.	356.	563.	5.	93393.	305.603	**	**	**	**
09501	RADIUM 226, TOTAL	05/10/78-08/19/86	4 ##	0.75	62.938	250.	0.25	15552.266	124.709	**	**	**	**
11501	RADIUM 228, TOTAL	10/21/81-08/19/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	10/21/81-10/21/81	1	3.72	3.72	3.72	3.72	0.	0.	**	**	**	**
22708	URANIUM, NATURAL TOTAL MG/L	10/21/81-10/21/81	1	3.72	3.72	3.72	3.72	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/78-08/15/79	7	23.	37.643	150.	11.5	2482.476	49.824	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/78-08/15/79	7	1.362	1.388	2.176	1.061	0.14	0.374	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			24.427								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/10/78-08/15/79	6	65.	292.417	1500.	11.5	351083.242	592.523	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/10/78-08/15/79	6	1.778	1.852	3.176	1.061	0.541	0.735	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			71.041								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/10/78-05/16/79	4 ##	0.015	0.019	0.03	0.015	0.	0.008	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/19/86-08/19/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/19/86-08/19/86	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	2 ##	0.133	0.133	0.24	0.025	0.023	0.152	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.083	0.083	0.083	0.083	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/04/85-09/04/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/19/86-08/19/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/04/85-08/19/86	2 ##	0.058	0.058	0.1	0.015	0.004	0.06	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/04/85-09/04/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	41	520.	518.073	664.	380.	7932.32	89.064	406.4	420.	602.5	637.2
71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/17/79-12/05/84	11 ##	0.01	0.013	0.04	0.005	0.	0.01	0.005	0.01	0.01	0.036
71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	37 ##	0.05	0.101	1.6	0.05	0.065	0.254	0.05	0.05	0.05	0.1
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/08/80-03/09/81	3	0.	0.1	0.3	0.	0.03	0.173	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	38	0.035	0.058	0.44	0.015	0.007	0.082	0.015	0.015	0.06	0.101

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

EPA Water Quality Criteria Analysis for Station: GLCA0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	41	0	0.00	13	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	37	0	0.00	12	0	0.00	11	0	0.00	12	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	32	0	0.00	11	0	0.00	10	0	0.00	9	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	32	0	0.00	11	0	0.00	10	0	0.00	9	0	0.00	2	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	11	0	0.00	8	0	0.00	9	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	32	0	0.00	12	0	0.00	9	0	0.00	9	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	5	0	0.00	7	0	0.00	9	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	41	0	0.00	13	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	20	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	41	0	0.00	13	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	39	0	0.00	11	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
		Drinking Water	50.	39	0	0.00	11	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	39	0	0.00	12	0	0.00	11	0	0.00	13	0	0.00	3	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	37	1	0.03	11	0	0.00	11	0	0.00	13	1	0.08	2	0	0.00
		Drinking Water	5.	37	1	0.03	11	0	0.00	11	0	0.00	13	1	0.08	2	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	11	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	100.	11	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	37	0	0.00	11	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	37	1	0.03	11	1	0.09	11	0	0.00	13	0	0.00	2	0	0.00
		Drinking Water	1300.	37	0	0.00	11	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	36 &	0	0.00	11	0	0.00	11	0	0.00	12	0	0.00	2	0	0.00
		Drinking Water	5.	32 &	2	0.06	10	0	0.00	10	0	0.00	10	1	0.10	2	1	0.50
01067	NICKEL, TOTAL	Fresh Acute	1400.	20	0	0.00	4	0	0.00	6	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	100.	20	0	0.00	4	0	0.00	6	0	0.00	9	0	0.00	1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	36 &	1	0.03	11	0	0.00	10	0	0.00	13	1	0.08	2	0	0.00
		Drinking Water	50.	37	0	0.00	11	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	38	0	0.00	12	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	40	0	0.00	12	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
		Drinking Water	50.	40	0	0.00	12	0	0.00	12	0	0.00	13	0	0.00	3	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									
22708	URANIUM, NATURAL, TOTAL	Drinking Water	0.02	1	1	1.00	1	1	1.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	6	1	0.17	2	0	0.00	2	0	0.00	1	0	0.00	1	1	1.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GLCA0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	37	0	0.00	11	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00
	Drinking Water	2.	37	0	0.00	11	0	0.00	11	0	0.00	13	0	0.00	2	0	0.00

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	13	11.	11.177	15.4	7.	4.59	2.142	7.88	10.	12.4	14.88
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	13	0.8	1.638	7.	0.4	3.203	1.79	0.4	0.65	2.1	5.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	12	669.	703.583	950.	450.	18763.72	136.981	499.5	643.5	819.	935.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	13	680.	747.077	1000.	650.	13961.91	118.161	650.8	672.5	805.	988.
00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	12	6.25	6.425	8.5	5.	0.866	0.93	5.09	6.025	6.9	8.2
00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	13	13.	14.154	35.	5.	68.141	8.255	5.	7.5	19.	29.
00400	PH (STANDARD UNITS)	05/10/78-11/12/86	11	7.8	7.791	8.1	7.5	0.037	0.192	7.5	7.7	8.	8.08
00400	CONVERTED PH (STANDARD UNITS)	05/10/78-11/12/86	11	7.8	7.752	8.1	7.5	0.039	0.196	7.5	7.7	8.	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	11	0.016	0.018	0.032	0.008	0.	0.008	0.008	0.01	0.02	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	13	1.	1.692	4.	0.	1.397	1.182	0.4	1.	3.	3.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	13	125.	130.231	177.	119.	234.692	15.32	119.8	121.	134.5	161.4
00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	13	152.	153.077	168.	144.	59.077	7.686	144.8	148.	156.	168.
00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	13	0.	0.615	4.	0.	1.59	1.261	0.	0.	1.	3.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	12	0.445	0.516	0.8	0.34	0.024	0.154	0.349	0.41	0.688	0.77
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	13	0.3	0.312	0.6	0.05	0.03	0.173	0.07	0.2	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	13	0.025	0.042	0.15	0.005	0.003	0.05	0.005	0.009	0.05	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	11 ##	0.007	0.01	0.03	0.003	0.	0.009	0.003	0.003	0.01	0.028
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	12	3.	4.492	13.3	2.	11.692	3.419	2.	2.7	6.375	11.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	13	240.	253.	316.	216.	847.833	29.118	220.	232.5	275.	306.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	13	61.	64.846	80.	56.	67.808	8.235	56.	58.	73.	78.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	13	21.	22.	28.	13.	16.167	4.021	15.	20.	25.5	27.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	13	55.	63.615	92.	51.	241.59	15.543	51.	52.	79.	91.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	12	3.	3.333	5.	2.	0.606	0.778	2.3	3.	4.	4.7
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	13	31.	35.769	56.	27.	105.692	10.281	27.	29.	45.	54.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	13	190.	197.462	260.	158.	1320.436	36.338	160.8	166.	230.	257.2
01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	11	1.	1.136	2.	0.25	0.542	0.736	0.25	0.5	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	12	0.025	15.855	80.	0.	862.117	29.362	0.	0.	37.525	74.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	11 ##	0.5	0.727	3.	0.5	0.568	0.754	0.5	0.5	0.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	11 ##	2.5	2.591	5.	1.	0.841	0.917	1.3	2.5	2.5	4.5
01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	11 ##	10.	10.	20.	5.	20.	4.472	5.	5.	10.	19.
01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	11 ##	2.5	2.591	5.	1.	0.841	0.917	1.3	2.5	2.5	4.5
01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	11 ##	5.	6.591	15.	2.5	17.841	4.224	3.	5.	5.	15.
01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	11 ##	1.	1.136	2.5	1.	0.205	0.452	1.	1.	1.	2.2
01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	12	10.	20.833	90.	5.	544.697	23.339	5.	10.	25.	72.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	12 ##	0.5	0.583	2.	0.25	0.242	0.492	0.25	0.25	0.5	1.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	13	448.	479.231	654.	404.	6473.026	80.455	404.8	410.	540.	625.2
71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	11 ##	0.05	0.2	1.6	0.05	0.216	0.465	0.05	0.05	0.1	1.3
74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	12	0.03	0.062	0.31	0.015	0.007	0.083	0.015	0.015	0.075	0.247

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	11	10.2	9.9	13.	7.	4.028	2.007	7.1	8.	12.	12.88
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	12	0.9	1.142	2.	0.5	0.348	0.59	0.5	0.7	1.825	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	10	684.5	677.1	925.	276.	33440.989	182.869	304.1	593.75	801.25	917.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	12	760.	769.333	940.	625.	11254.424	106.087	634.	663.	873.75	926.5
00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	11	7.	7.309	8.8	5.8	1.051	1.025	5.86	6.7	8.3	8.76
00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	11	12.	11.682	20.	5.	30.414	5.515	5.	5.	16.	19.6
00400	PH (STANDARD UNITS)	05/10/78-11/12/86	10	8.05	8.02	8.6	7.1	0.184	0.429	7.16	7.775	8.325	8.58
00400	CONVERTED PH (STANDARD UNITS)	05/10/78-11/12/86	10	8.047	7.79	8.6	7.1	0.243	0.493	7.16	7.775	8.325	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	10	0.009	0.016	0.079	0.003	0.001	0.023	0.003	0.005	0.017	0.073
00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	12	2.	1.833	3.	1.	0.515	0.718	1.	1.	2.	3.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	12	125.5	127.833	149.	120.	75.788	8.706	120.	121.	132.25	145.7

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	12	151.	154.5	182.	142.	128.091	11.318	143.2	146.5	160.5	177.8
00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	12	0.	0.667	4.	0.	2.424	1.557	0.	0.	0.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	9	0.45	0.462	0.75	0.23	0.024	0.153	0.23	0.36	0.575	0.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	12	0.2	0.342	1.	0.1	0.064	0.254	0.13	0.2	0.475	0.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	11	0.06	0.721	7.15	0.01	4.55	2.133	0.013	0.03	0.16	5.76
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	9 ##	0.01	0.013	0.03	0.005	0.	0.009	0.005	0.006	0.023	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	10	5.4	8.82	37.1	3.6	103.117	10.155	3.61	3.925	8.45	34.43
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	12	260.	251.583	304.	191.	1092.811	33.058	196.7	228.25	273.	299.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	12	65.	61.667	78.	42.	100.788	10.039	44.4	54.	67.5	76.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	12	23.5	23.75	27.	21.	4.205	2.05	21.	22.	25.75	26.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	12	68.5	65.667	92.	48.	223.697	14.957	48.3	50.75	76.5	89.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	12	3.	3.417	5.	3.	0.447	0.669	3.	3.	4.	4.7
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	12	46.5	40.583	56.	26.	146.629	12.109	26.3	27.	51.5	54.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	12	216.5	202.917	270.	151.	1893.174	43.511	151.9	156.	236.75	265.8
01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	12	1.	1.583	5.	0.25	2.208	1.486	0.25	0.625	2.	4.7
01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	11 ##	0.025	2.309	25.	0.	56.64	7.526	0.	0.025	0.09	20.02
01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	11 ##	0.5	0.818	2.5	0.5	0.364	0.603	0.5	0.5	1.	2.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	11 ##	2.5	3.409	7.5	2.5	2.841	1.685	2.5	2.5	5.	7.
01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	11 ##	5.	7.045	15.	2.5	13.523	3.677	3.	5.	10.	14.
01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	11 ##	2.5	3.182	10.	2.5	5.114	2.261	2.5	2.5	2.5	8.5
01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	11 ##	5.	11.591	75.	2.5	445.341	21.103	3.	5.	5.	62.
01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	11 ##	1.	1.5	5.	1.	1.55	1.245	1.	1.	1.	4.5
01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	11	10.	9.773	20.	2.5	38.068	6.17	3.	5.	15.	20.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	12 ##	0.55	0.654	2.	0.25	0.229	0.479	0.25	0.313	0.75	1.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	12	506.	489.667	622.	380.	6374.424	79.84	387.8	412.5	560.5	607.6
71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	11	0.05	0.084	0.44	0.015	0.015	0.121	0.015	0.03	0.06	0.374

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	12	8.55	8.692	10.8	6.5	1.299	1.14	6.89	8.	9.475	10.56
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	13	0.8	1.092	4.	0.3	0.981	0.99	0.3	0.45	1.3	3.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	9	870.	840.333	990.	661.	12941.75	113.762	661.	722.	920.	990.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	13	890.	855.231	1030.	649.	11393.026	106.738	667.4	789.5	935.	994.
00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	12	6.85	6.825	8.8	5.1	1.131	1.064	5.25	5.925	7.675	8.5
00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	12 ##	6.25	9.75	21.	5.	43.977	6.632	5.	5.	17.75	20.7
00400	PH (STANDARD UNITS)	05/10/78-11/12/86	9	7.8	7.911	8.4	7.6	0.076	0.276	7.6	7.7	8.15	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/10/78-11/12/86	9	7.8	7.846	8.4	7.6	0.081	0.284	7.6	7.7	8.15	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	9	0.016	0.014	0.025	0.004	0.	0.007	0.004	0.008	0.02	0.025
00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	13	2.	2.	4.	1.	1.	1.	1.	1.	3.	3.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	13	135.	135.692	154.	128.	43.564	6.6	128.8	131.5	138.	148.8
00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	13	162.	164.692	188.	156.	66.231	8.138	156.8	159.	168.	180.
00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	12	0.	0.417	2.	0.	0.629	0.793	0.	0.	0.75	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	13 ##	0.05	0.062	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	9	0.55	0.544	0.7	0.35	0.013	0.112	0.35	0.445	0.63	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	13	0.3	0.288	0.5	0.05	0.018	0.133	0.07	0.2	0.35	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	13	0.04	0.043	0.1	0.02	0.	0.021	0.022	0.03	0.05	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	9	0.01	0.019	0.05	0.	0.	0.019	0.	0.005	0.04	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	12	6.25	7.142	15.5	3.6	11.626	3.41	3.75	4.825	7.75	14.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	13	288.	285.077	320.	237.	621.244	24.925	242.2	270.	305.	319.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	13	75.	73.462	88.	57.	86.936	9.324	57.4	67.	80.	85.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	12	25.	24.583	29.	16.	10.811	3.288	18.1	23.25	26.75	28.7

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Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	13	80.	76.538	95.	56.	135.103	11.623	58.	65.5	85.5	92.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	13	4.	4.077	5.	3.	0.41	0.641	3.	4.	4.5	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	13	59.	53.846	72.	32.	149.974	12.246	33.6	42.5	62.5	69.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	13	255.	234.769	286.	166.	1852.859	43.045	167.2	186.5	270.5	280.8
01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	13	1.	1.308	3.	0.5	0.689	0.83	0.5	1.	1.5	3.
01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	13	0.025	3.877	50.	0.	192.053	13.858	0.	0.	0.075	30.04
01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	13 ##	0.5	0.846	5.	0.5	1.558	1.248	0.5	0.5	0.5	3.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	13 ##	2.5	3.654	10.	2.5	5.849	2.419	2.5	2.5	3.75	9.
01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	13 ##	5.	6.538	15.	2.5	13.061	3.614	2.5	5.	10.	13.
01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	13 ##	2.5	23.385	251.5	2.5	4720.798	68.708	2.5	2.5	5.	158.9
01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	13 ##	5.	6.692	20.	0.	27.022	5.198	1.	3.75	10.	16.8
01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	13 ##	1.	1.538	5.	1.	1.394	1.181	1.	1.	1.75	4.
01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	13	5.	9.885	50.	2.5	152.84	12.363	2.7	5.	10.	34.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	13 ##	0.5	0.577	2.	0.25	0.254	0.504	0.25	0.25	0.75	1.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	13	595.	572.692	664.	416.	6139.231	78.353	424.8	526.	631.	658.4
71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	13 ##	0.05	0.065	0.15	0.05	0.001	0.032	0.05	0.05	0.075	0.13
74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	13 ##	0.015	0.036	0.09	0.015	0.001	0.027	0.015	0.015	0.055	0.086

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Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/78-11/12/86	3	9.	9.1	10.	8.3	0.73	0.854	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/78-11/12/86	3	0.8	1.033	1.7	0.6	0.343	0.586	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/78-11/12/86	3	920.	823.667	925.	626.	29310.333	171.203	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/78-11/12/86	3	900.	831.667	920.	675.	18508.333	136.045	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/10/78-11/12/86	2	7.8	7.8	9.6	6.	6.48	2.546	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/06/78-11/12/86	2 ##	16.	16.	27.	5.	242.	15.556	**	**	**	**
00400	PH (STANDARD UNITS)	05/10/78-11/12/86	2	7.3	7.3	7.7	6.9	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/10/78-11/12/86	2	7.137	7.137	7.7	6.9	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/78-11/12/86	2	0.073	0.073	0.126	0.02	0.006	0.075	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/10/78-11/12/86	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	3	131.	131.	136.	126.	25.	5.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/10/78-11/12/86	3	160.	160.	166.	154.	36.	6.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/10/78-11/12/86	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/78-11/12/86	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/10/78-11/12/86	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/78-11/12/86	3	0.3	0.433	0.8	0.2	0.103	0.321	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/78-11/12/86	3	0.025	0.025	0.03	0.02	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/78-11/12/86	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/78-11/12/86	2	2.55	2.55	3.	2.1	0.405	0.636	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/10/78-11/12/86	3	300.	299.	310.	287.	133.	11.533	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/10/78-11/12/86	3	78.	77.333	84.	70.	49.333	7.024	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/78-11/12/86	3	26.	25.667	27.	24.	2.333	1.528	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/10/78-11/12/86	3	84.	76.	90.	54.	372.	19.287	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/10/78-11/12/86	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/78-11/12/86	3	60.	52.333	64.	33.	284.333	16.862	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/10/78-11/12/86	3	245.	223.333	258.	167.	2422.333	49.217	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/10/78-11/12/86	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/10/78-11/12/86	3	0.09	33.363	100.	0.	3330.336	57.709	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/10/78-11/12/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/10/78-11/12/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/10/78-11/12/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/10/78-11/12/86	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/10/78-11/12/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**

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Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	05/10/78-11/12/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/10/78-11/12/86	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/10/78-11/12/86	3 ##	0.25	0.5	1.	0.25	0.188	0.433	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/78-11/12/86	3	612.	563.333	634.	444.	10801.333	103.929	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/10/78-11/12/86	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/10/78-11/12/86	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/10/78-11/12/86	2 ##	0.048	0.048	0.08	0.015	0.002	0.046	**	**	**	**

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Station Inventory for Station: GLCA0015

NPS Station ID: GLCA0015 | LAT/LON: 36.947226/-111.487504 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040802
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 | Depth of Water: 999 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070006002 | RF1 Mile Point: 2.690 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
NEAR DAM; APPR 1/8 MILE BELOW CONFLUENCE OF ARMS BETWEEN BUTTE ON E SHORE AND BLDGS SET BACK FR SHORE ON W; MIDCHANNEL; 190 DEGREES TO PICNIC AREA; 150 DEGREES TO CENTER OF DAM; 080 DEGREES TO SM BUTTE ON END OF PENNINSULA.
COMMENTS: 4-15 WATER GREEN; NO VISIBLE PARTICLES; INTEG 25 FT.

Parameter Inventory for Station: GLCA0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/01/75	22	10.5	11.745	23.6	4.7	29.473	5.429	6.56	8.4	12.225	23.34
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/01/75	22	91.7	92.35	95.7	91.	2.474	1.573	91.	91.	94.225	95.05
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/01/75	3	204.	228.	300.	180.	4032.	63.498	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/01/75	22	576.5	636.636	937.	502.	18714.623	136.801	503.	528.	678.75	916.8
00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/01/75	20	7.1	7.74	10.	5.8	1.953	1.398	6.04	6.8	9.5	9.79
00400	PH (STANDARD UNITS)	04/15/75-12/01/75	22	8.025	8.102	8.6	7.8	0.066	0.257	7.8	7.9	8.225	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/15/75-12/01/75	22	8.024	8.04	8.6	7.8	0.07	0.265	7.8	7.9	8.225	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/75-12/01/75	22	0.009	0.009	0.016	0.003	0.	0.004	0.003	0.006	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/01/75	22	129.5	128.818	149.	119.	75.489	8.688	120.	121.	131.25	145.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/01/75	22	0.02	0.023	0.06	0.01	0.	0.012	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/01/75	22	0.2	0.195	0.4	0.1	0.007	0.084	0.1	0.1	0.225	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/01/75	22	0.37	0.365	0.66	0.17	0.021	0.146	0.173	0.26	0.43	0.637
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/01/75	22	0.007	0.008	0.017	0.006	0.	0.003	0.006	0.007	0.01	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/01/75	20 ##	0.005	0.005	0.01	0.001	0.	0.004	0.001	0.001	0.008	0.01
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/01/75	3	1.	1.2	2.1	0.5	0.67	0.819	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/01/75	3	999.	712.667	999.	140.	245960.333	495.944	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	20	0	0.00	6	0	0.00	6	0	0.00	8	0	0.00			
00400	PH	Other-Hi Lim.	9.	22	0	0.00	8	0	0.00	6	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	8	0	0.00	6	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	8	0	0.00	6	0	0.00	8	0	0.00			

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

Station Inventory for Station: GLCA0016

NPS Station ID: GLCA0016
LAT/LON: 36.950004/-111.491671
Agency: 11TOX09
Date Created: 09/21/85
Location: LAKE POWELL
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 000253 /AZTOX253
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: LITTLE COLORADO RIVER
ECO Region:
RF1 Index: 14070006002
RF1 Mile Point: 2.990
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/85-05/29/85	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/85-05/29/85	1	900.	900.	900.	900.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/85-07/01/85	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/29/85-05/29/85	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/11/85-05/29/85	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/29/85-07/01/85	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/85-05/29/85	1	## 1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/85-07/01/85	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	1	## 1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	1	## 3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/85-07/01/85	2	## 46.5	46.5	88.	5.	3444.5	58.69	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/29/85-07/01/85	2	## 4.5	4.5	6.5	2.5	8.	2.828	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/85-05/29/85	1	## 2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/29/85-07/01/85	2	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/85-05/29/85	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/29/85-07/01/85	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/29/85-07/01/85	2	## 17.75	17.75	20.	15.5	10.125	3.182	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/85-05/29/85	1	## 4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	05/11/85-05/29/85	2	## 10.	10.	10.	10.	0.	0.	**	**	**	**
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	05/11/85-05/29/85	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/29/85-07/01/85	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/29/85-05/29/85	1	## 3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/85-07/01/85	2	## 6.25	6.25	7.	5.5	1.125	1.061	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/85-05/29/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	05/29/85-07/01/85	2	## 30.	30.	30.	30.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	05/29/85-05/29/85	1	## 19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	05/11/85-05/29/85	2	## 15.	15.	15.	15.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/29/85-07/01/85	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/29/85-05/29/85	1	## 1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	05/11/85-05/29/85	2	6.85	6.85	10.	3.7	19.845	4.455	**	**	**	**
01360	SAMPLE LENGTH CM	05/29/85-05/29/85	1	4.46	4.46	4.46	4.46	0.	0.	**	**	**	**
01362	SAMPLE WEIGHT-MAXIMUM G	05/29/85-05/29/85	1	1670.	1670.	1670.	1670.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	05/29/85-05/29/85	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	05/11/85-05/29/85	2 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
34272	BIS (CHLOROMETHYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34341	DIMETHYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	05/29/85-07/01/85	2 ##	106.775	106.775	213.5	0.05	22780.451	150.932	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34417	METHYL BROMIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34422	METHYL CHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34468	PHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34474	SILVER WET WGTTISMG/KG	05/11/85-05/29/85	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34565	1,3-DICHLOROPROPENE WET WGTTISMG/KG	05/11/85-05/11/85	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	05/11/85-05/29/85	2 ##	106.833	106.833	213.5	0.165	22755.911	150.851	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/01/85-07/01/85	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	425.	425.	425.	425.	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	05/11/85-05/29/85	2 ##	1.601	1.601	3.2	0.001	5.117	2.262	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34654	P,P'-DDE SUSPUG/L	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	05/29/85-05/29/85	1 ##	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	05/11/85-07/01/85	2 ##	0.13	0.13	0.25	0.01	0.029	0.17	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	05/11/85-05/11/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/01/85-07/01/85	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	05/11/85-05/11/85	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	05/29/85-05/29/85	1 ##	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	05/29/85-05/29/85	1 ##	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/11/85-05/11/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/29/85-05/29/85	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/29/85-05/29/85	1 ##	2.595	2.595	2.595	2.595	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	1 ##	25.95	25.95	25.95	25.95	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/29/85-05/29/85	1 ##	25.95	25.95	25.95	25.95	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	05/29/85-05/29/85	1 ##	12.985	12.985	12.985	12.985	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
45145	DIMETHYLNAPHTHALENE IN SEDIMENT UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
71498	MACROINVERTEBRATE ORGANISM NO/SAMPLE	05/29/85-05/29/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/29/85-07/01/85	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/29/85-05/29/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/11/85-05/29/85	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	2 ##	0.775	0.775	0.95	0.6	0.061	0.247	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	2 ##	2.9	2.9	3.7	2.1	1.28	1.131	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	2	189.5	189.5	263.	116.	10804.5	103.945	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/11/85-05/29/85	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/11/85-05/29/85	2 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/29/85-05/29/85	1	3698.	3698.	3698.	3698.	0.	0.	**	**	**	**
75059	ACETONE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/11/85	1	0.202	0.202	0.202	0.202	0.	0.	**	**	**	**
75166	2-HEXANONE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/29/85	2 ##	1.602	1.602	3.2	0.004	5.107	2.26	**	**	**	**
75192	STYRENE SEDIMENT,DRY WGT,UG/KG	05/11/85-05/29/85	2 ##	0.801	0.801	1.6	0.002	1.278	1.13	**	**	**	**
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	05/29/85-05/29/85	1 ##	213.5	213.5	213.5	213.5	0.	0.	**	**	**	**
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	05/11/85-05/11/85	1 ##	0.165	0.165	0.165	0.165	0.	0.	**	**	**	**
77041	CARBON DISULFIDE WHOLE WATER,UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77089	ANILINE WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	05/29/85-05/29/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
77689	DIBENZYLAMINE WHOLE WATER,UG/L	07/01/85-07/01/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78544	CARBON DISULFIDE IN SEDIMENT UG/KG	05/29/85-05/29/85	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	07/01/85-07/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	05/29/85-05/29/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/11/85-05/11/85	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	05/11/85-05/11/85	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00							1	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	5.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	5.	2	0	0.00							1	0	0.00	1	0	0.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							1	0	0.00	1	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	10.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00										1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00										1	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00										1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00										1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00										1	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00										1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00										1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00										1	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00										1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	1	0	0.00										1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00										1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00										1	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00										1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00										1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00										1	0	0.00
34654	P,P'-DDE, SUSPENDED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00										1	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	1	0	0.00										1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00										1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00										1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00										1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00										1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00										1	0	0.00
		Drinking Water	3.	1	0	0.00										1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.4	1	0	0.00										1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00										1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00										1	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	2.	2	0	0.00							1	0	0.00	1	0	0.00
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0017

NPS Station ID: GLCA0017 LAT/LON: 36.955004/-111.483059 Agency: 21UTAH Date Created: 08/29/81
Location: L POWELL NO 2 1 MI S OF WAH WEAP MARINA FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 495201
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER DRAINAGE ECO Region:
RF1 Index: 14070006002 RF1 Mile Point: 3.390 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/80-02/26/82	5	8.	8.18	10.	7.4	1.112	1.055	**	**	**	**
00065	STAGE, STREAM (FEET)	12/04/80-12/04/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/04/80-12/04/80	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/80-05/21/82	7	0.5	2.2	12.	0.4	18.717	4.326	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/26/82-02/26/82	1	940.	940.	940.	940.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/80-05/21/82	7	730.	755.714	1010.	235.	71436.905	267.277	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/07/80-02/26/82	5	3.3	2.84	3.7	1.9	0.758	0.871	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/04/80-12/04/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/07/80-05/21/82	7 ##	7.5	10.714	20.	7.5	24.405	4.94	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/82-02/26/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/26/82-02/26/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/82-02/26/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/07/80-05/21/82	7	2.	1.571	3.	0.	0.952	0.976	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/07/80-05/21/82	7	123.	127.714	144.	113.	189.905	13.781	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/07/80-05/21/82	7	144.	149.143	174.	130.	287.81	16.965	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/07/80-05/21/82	7	0.	0.286	2.	0.	0.571	0.756	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/07/80-05/21/82	6 ##	2.5	4.083	14.	1.5	23.842	4.883	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/07/80-05/21/82	7 ##	2.5	3.857	14.	1.5	20.226	4.497	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/80-05/21/82	7 ##	0.05	0.071	0.1	0.05	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/07/80-12/04/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/07/80-12/04/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/07/80-12/04/80	3	0.3	0.3	0.35	0.25	0.002	0.05	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/07/80-12/04/80	3	0.8	0.783	1.05	0.5	0.076	0.275	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/80-05/21/82	7	0.2	0.257	0.4	0.2	0.006	0.079	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/80-05/18/82	6	0.325	0.342	0.45	0.25	0.005	0.074	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/80-05/21/82	7	0.025	0.037	0.1	0.02	0.001	0.03	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/07/80-12/04/80	3 ##	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/80-05/21/82	7	4.2	6.9	24.	2.9	58.107	7.623	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/80-05/21/82	7	256.	278.571	346.	230.	2426.286	49.257	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/80-05/21/82	7	64.	67.429	87.	56.	124.619	11.163	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/80-05/21/82	7	20.	22.714	31.	18.	23.571	4.855	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/80-05/21/82	7	67.	63.986	100.	7.9	809.201	28.446	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/80-05/21/82	7	4.	3.714	5.	3.	0.571	0.756	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/07/80-05/21/82	7	40.	49.143	82.	35.	345.143	18.578	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/80-05/21/82	7	72.	69.143	82.	43.	160.476	12.668	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/80-05/21/82	7	207.	219.429	300.	177.	1838.619	42.879	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/80-12/04/80	3	0.25	0.24	0.26	0.21	0.001	0.026	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/80-12/04/80	3	7.	7.333	8.	7.	0.333	0.577	**	**	**	**

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

Parameter Inventory for Station: GLCA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	05/07/80-05/21/82	7	1.	0.871	1.	0.4	0.049	0.221	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/07/80-05/21/82	7	0.05	0.052	0.1	0.025	0.001	0.03	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/07/80-12/04/80	3	130.	130.	160.	100.	900.	30.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/07/80-05/21/82	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/07/80-12/04/80	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/07/80-05/21/82	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/07/80-05/21/82	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/07/80-05/21/82	7 ##	2.5	3.571	5.	2.5	1.786	1.336	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/07/80-05/21/82	7 ##	5.	13.857	52.	0.	347.476	18.641	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/07/80-05/21/82	7 ##	5.	6.429	15.	5.	14.286	3.78	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/07/80-05/21/82	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/07/80-05/21/82	7	20.	22.143	60.	2.5	388.393	19.708	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/07/80-05/21/82	7 ##	0.5	0.536	1.	0.25	0.051	0.225	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/07/80-05/21/82	7	500.	563.429	724.	444.	12940.952	113.758	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/07/80-05/21/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/07/80-12/04/80	3 ##	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/07/80-05/21/82	7 ##	0.05	0.071	0.1	0.05	0.001	0.027	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/07/80-02/26/82	5	0.	36.4	182.	0.	6624.8	81.393	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/07/80-05/21/82	7	0.03	0.061	0.26	0.015	0.008	0.089	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	5	1.00	1	1	1.00	1	1	1.00	3	3	1.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	5.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	1300.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	5.	5 &	1	0.20				1	1	1.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	100.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	2.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0018

NPS Station ID: GLCA0018 LAT/LON: 36.975004/-111.483337 Agency: 21UTWR Date Created: 02/02/79
Location: LAKE POWELL AT WAHWEAP FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 008
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14070006011 RF1 Mile Point: 10.760 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
DATA FROM THE UTAH DIVISION OF WILDLIFE RESOURCES SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
LAKE POWELL AT WAHWEAP

Parameter Inventory for Station: GLCA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	12/07/71-12/07/71	4	3.815	3.695	5.95	1.2	6.148	2.48	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/07/71-12/07/71	4	0.09	0.093	0.12	0.07	0.	0.022	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/07/71-12/07/71	4	0.51	0.543	0.68	0.47	0.009	0.097	**	**	**	**
34474	SILVER WET WGTTISMG/KG	12/07/71-12/07/71	4	0.056	0.056	0.07	0.043	0.	0.011	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/07/71-12/07/71	4	0.265	0.224	0.36	0.005	0.023	0.153	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	12/07/71-12/07/71	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/07/71-12/07/71	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/07/71-12/07/71	4	0.135	0.133	0.16	0.1	0.001	0.028	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/07/71-12/07/71	4	0.47	0.502	0.78	0.29	0.054	0.233	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/07/71-12/07/71	4	1.3	1.165	1.48	0.58	0.16	0.4	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/07/71-12/07/71	4	0.65	1.053	2.56	0.35	1.052	1.025	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/07/71-12/07/71	4	5.	5.	5.	5.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0019

NPS Station ID: GLCA0019 | LAT/LON: 36.979170/-111.384726 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040801
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 | Depth of Water: 999 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070006004 | RF1 Mile Point: 6.930 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
S OF CONFLUENCE OF NAVAJO CANYON AND THE NARROWS; 170 DEGREES TO STACKS FOR POWER PLANT; 210 DEGREES E TO FLAT TOPPED MESA (TOWER BUTTE); 205 DEGREES TO BUTTE TO SW; 330 DEGREES TO BUOY AT MOUTH OF NAVAJO CANYON. COMMENTS: 4-15 ULE FOREL 7, GREEN; NO VISIBLE PARTICULATES; THERMOCLINE AT 5 FT AND 65 FT; INTEG 25 FT.

Parameter Inventory for Station: GLCA0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	28	9.95	12.046	25.3	5.9	31.4	5.604	6.97	8.425	13.025	24.2
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	28	92.85	92.604	94.	91.2	0.7	0.837	91.7	91.825	93.3	93.73
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	3	204.	334.	600.	198.	53076.	230.382	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	28	582.	626.25	940.	507.	15923.972	126.19	507.9	527.75	672.	895.
00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	28	7.2	7.589	10.	5.4	2.024	1.423	5.96	6.25	8.9	9.8
00400	PH (STANDARD UNITS)	04/15/75-12/02/75	28	8.1	8.141	8.8	7.7	0.102	0.32	7.79	7.925	8.3	8.755
00400	CONVERTED PH (STANDARD UNITS)	04/15/75-12/02/75	28	8.1	8.047	8.8	7.7	0.112	0.334	7.79	7.925	8.3	8.755
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/75-12/02/75	28	0.008	0.009	0.02	0.002	0.	0.005	0.002	0.005	0.012	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	28	132.	134.143	154.	125.	64.72	8.045	125.	128.25	137.75	147.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	28 ##	0.015	0.019	0.04	0.01	0.	0.01	0.01	0.01	0.028	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	28	0.2	0.179	0.4	0.1	0.008	0.088	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	28	0.38	0.396	0.66	0.17	0.022	0.148	0.179	0.273	0.508	0.642
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	28	0.009	0.009	0.017	0.005	0.	0.003	0.006	0.006	0.011	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	26 ##	0.006	0.006	0.013	0.001	0.	0.004	0.001	0.001	0.01	0.011
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/14/75-12/02/75	2	1.5	1.5	2.2	0.8	0.98	0.99	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	28	0	0.00	9	0	0.00	8	0	0.00	11	0	0.00			
00400	PH	Other-Hi Lim.	9.	28	0	0.00	9	0	0.00	8	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	28	0	0.00	9	0	0.00	8	0	0.00	11	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	9	0	0.00	8	0	0.00	11	0	0.00			

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

Station Inventory for Station: GLCA0020

NPS Station ID: GLCA0020
LAT/LON: 36.991115/-111.497226
Agency: 112WRD
Date Created: 04/14/78
Location: A-42-08 35DCD
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 365928111295001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/77-12/05/77	2	22.5	22.5	24.	21.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/77-12/05/77	3	1610.	1620.	1650.	1600.	700.	26.458	**	**	**	**
00400	PH (STANDARD UNITS)	09/13/77-10/18/77	2	7.4	7.4	7.5	7.3	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/13/77-10/18/77	2	7.389	7.389	7.5	7.3	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/77-10/18/77	2	0.041	0.041	0.05	0.032	0.	0.013	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/77-10/18/77	2	23.5	23.5	30.	17.	84.5	9.192	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/77-10/18/77	2	290.5	290.5	300.	281.	180.5	13.435	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/77-10/18/77	2	356.5	356.5	370.	343.	364.5	19.092	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/77-10/18/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/13/77-09/13/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/18/77-10/18/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/18/77-10/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/77-10/18/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/77-10/18/77	2	553.	553.	556.	550.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/77-10/18/77	2	260.	260.	280.	240.	800.	28.284	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/77-10/18/77	2	131.5	131.5	133.	130.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/77-10/18/77	2	52.	52.	54.	50.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/77-10/18/77	2	156.	156.	162.	150.	72.	8.485	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/13/77-10/18/77	2	2.9	2.9	3.	2.8	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	10/18/77-10/18/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/77-10/18/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/77-10/18/77	2	108.	108.	110.	106.	8.	2.828	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/77-10/18/77	2	445.	445.	450.	440.	50.	7.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/77-10/18/77	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/77-10/18/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/77-10/18/77	5	37.	42.6	70.	30.	247.8	15.742	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/01/77-12/05/77	6	40.	45.5	70.	36.	168.7	12.988	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/18/77-10/18/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/13/77-09/13/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/13/77-09/13/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/13/77-09/13/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/13/77-09/13/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/18/77-10/18/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/13/77-09/13/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/18/77-10/18/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/13/77-09/13/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/13/77-09/13/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/77-10/18/77	3	10.	13.667	21.	10.	40.333	6.351	**	**	**	**

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

Parameter Inventory for Station: GLCA0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/77-09/28/77	3	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/77-09/13/77	1	1211.	1211.	1211.	1211.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/18/77-10/18/77	1	1120.	1120.	1120.	1120.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/18/77-10/18/77	1	1.52	1.52	1.52	1.52	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/77-09/13/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/13/77-09/13/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	2	1.00	2	2	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	50.	5	1	0.20	3	0	0.00				2	1	0.50			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	6	2	0.33	3	0	0.00	1	1	1.00	2	1	0.50			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	1	0.33	3	1	0.33									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												

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

Station Inventory for Station: GLCA0021

NPS Station ID: GLCA0021
LAT/LON: 36.991670/-111.556671
Agency: 112WRD
Date Created: 04/14/78
Location: A-42-08 32CDD
FIPS State/County: 04005 ARIZONA/COCONINO
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 365930111332401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/81-06/11/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/73-06/11/81	4	1095.	1122.5	1350.	950.	33691.667	183.553	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/73-06/11/81	3	7.4	7.367	7.7	7.	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/73-06/11/81	3	7.4	7.274	7.7	7.	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/73-06/11/81	3	0.04	0.053	0.1	0.02	0.002	0.042	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/11/81-06/11/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/81-06/11/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/81-06/11/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/23/73-08/15/73	2	13.1	13.1	18.	8.2	48.02	6.93	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/73-09/09/77	3	230.	230.667	250.	212.	361.333	19.009	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/73-09/09/77	3	280.	281.	305.	258.	553.	23.516	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/23/73-09/09/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/73-09/09/77	2	0.34	0.34	0.45	0.23	0.024	0.156	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/11/81-06/11/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/73-06/11/81	4	458.	453.5	474.	424.	446.333	21.127	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/73-09/09/77	3	220.	220.	230.	210.	100.	10.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/73-06/11/81	4	100.5	103.	118.	93.	126.	11.225	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/73-06/11/81	4	46.5	46.	53.	38.	39.333	6.272	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/73-06/11/81	4	99.5	98.75	120.	76.	383.583	19.585	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/73-06/11/81	4	2.	2.	2.4	1.6	0.133	0.365	**	**	**	**
00932	SODIUM, PERCENT	06/11/81-06/11/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/81-06/11/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/73-06/11/81	4	111.	109.	130.	84.	470.667	21.695	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/73-06/11/81	4	266.	250.	280.	188.	1776.	42.143	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/73-06/11/81	4	0.25	0.258	0.34	0.19	0.005	0.074	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/81-06/11/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/09/77-06/11/81	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/23/73-09/09/77	3 ##	5.	5.833	10.	2.5	14.583	3.819	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/11/81-06/11/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/77-09/09/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/23/73-09/09/77	3 ##	10.	7.5	10.	2.5	18.75	4.33	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/77-09/09/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/23/73-09/09/77	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/77-09/09/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/23/73-09/09/77	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/23/73-09/09/77	3 ##	25.	53.333	110.	25.	2408.333	49.075	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/11/81-06/11/81	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/77-09/09/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	03/23/73-09/09/77	3 ##	15.	16.667	25.	10.	58.333	7.638	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/77-09/09/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/23/73-09/09/77	3 ##	10.	7.	10.	1.	27.	5.196	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/11/81-06/11/81	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/77-09/09/77	1 ##	32.5	32.5	32.5	32.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/23/73-09/09/77	3	50.	50.833	70.	32.5	352.083	18.764	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/77-06/11/81	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	03/23/73-09/09/77	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/77-09/09/77	1	903.	903.	903.	903.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/23/73-06/11/81	3	663.	709.	864.	600.	19011.	137.88	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/09/77-09/09/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/73-09/09/77	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/77-09/09/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/23/73-09/09/77	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	06/11/81-06/11/81	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01075	SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GLCA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	2	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												

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

Station Inventory for Station: GLCA0022

NPS Station ID: GLCA0022 | LAT/LON: 37.008337/-111.487504 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040807
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 | Depth of Water: 136 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070006011 | RF1 Mile Point: 8.330 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
N OF WAHWEAP MARINA IN WAHWEAP BAY; 345 DEGREES FR WAHWEAP LODGE; 315 DEGREES FR POWER PLANT STACKS; 1 MILE FR S SHORE.
COMMENTS: 4-16 ULE 17; TOO ROUGH FOR 5 AND 15 FT SAMPLING; NO ALGAE OR CHLOR-A; INTEG 25 FT.
8-14 ULE 8; 1% LIGHT, 50 FT; INTEG 50 FT; DEPTH 999 FT.

Parameter Inventory for Station: GLCA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/02/75	22	11.45	12.882	23.9	5.7	33.731	5.808	7.36	8.5	14.075	23.77
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/02/75	22	92.6	92.923	94.	89.6	1.225	1.107	91.78	92.4	94.	94.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/02/75	3	180.	180.	204.	156.	576.	24.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/02/75	22	617.	685.591	938.	564.	17950.92	133.981	566.5	587.5	740.5	936.7
00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/02/75	22	7.4	7.118	9.8	2.4	2.867	1.693	4.44	6.4	7.9	9.48
00400	PH (STANDARD UNITS)	04/16/75-12/02/75	22	8.175	8.184	8.65	7.7	0.102	0.319	7.8	7.9	8.462	8.65
00400	CONVERTED PH (STANDARD UNITS)	04/16/75-12/02/75	22	8.174	8.081	8.65	7.7	0.113	0.336	7.8	7.9	8.462	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/75-12/02/75	22	0.007	0.008	0.02	0.002	0.	0.005	0.002	0.003	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/02/75	21	135.	131.286	147.	119.	64.514	8.032	119.4	125.	137.	141.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/02/75	21	0.02	0.02	0.06	0.01	0.	0.012	0.01	0.01	0.03	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/02/75	22	0.2	0.241	0.5	0.1	0.016	0.126	0.1	0.1	0.325	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/02/75	21	0.36	0.332	0.54	0.16	0.014	0.116	0.162	0.26	0.41	0.504
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/02/75	22	0.008	0.008	0.013	0.006	0.	0.001	0.007	0.007	0.009	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/02/75	20 ##	0.007	0.006	0.014	0.001	0.	0.004	0.001	0.001	0.01	0.011
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/14/75-12/02/75	2	1.25	1.25	1.8	0.7	0.605	0.778	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/02/75	3	220.	451.667	999.	136.	226444.333	475.862	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	1	0.05	9	0	0.00	7	1	0.14	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00	9	0	0.00	6	0	0.00	6	0	0.00			

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

Station Inventory for Station: GLCA0023

NPS Station ID: GLCA0023 LAT/LON: 37.009726/-111.305559 Agency: 11EPALES Date Created: / /
Location: LAKE POWELL FIPS State/County: 04037 ARIZONA/
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 040808
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 148 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070006005 RF1 Mile Point: 22.990 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
345 DEGREES FR TOWER BUTTE; 150 YDS FR S SHORE; 75 YDS W FR 2 SM ISLANDS COMMENTS: 4-16 ULE 7; STATION MOVED FR CENTRAL CHANNEL DUE TO HEAVY WINDS; INTEG 25 FT. NOT SAMPLED SECOND ROUND.
MAP: ESCALANTE 1:250,000

Parameter Inventory for Station: GLCA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-04/16/75	8	9.75	9.162	9.8	7.6	0.791	0.89	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-04/16/75	8	92.3	92.312	92.4	92.3	0.001	0.035	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-04/16/75	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-04/16/75	8	577.5	583.5	637.	568.	478.286	21.87	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/16/75-04/16/75	8	9.1	8.6	10.	6.2	1.554	1.247	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/75-04/16/75	8	8.375	8.294	8.45	8.	0.039	0.197	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/75-04/16/75	8	8.369	8.252	8.45	8.	0.041	0.202	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/75-04/16/75	8	0.004	0.006	0.01	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-04/16/75	8	126.5	129.625	146.	124.	55.982	7.482	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-04/16/75	8 ##	0.015	0.016	0.03	0.01	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-04/16/75	8 ##	0.1	0.213	0.4	0.1	0.024	0.155	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-04/16/75	8	0.4	0.428	0.6	0.34	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-04/16/75	8	0.01	0.01	0.011	0.008	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-04/16/75	8 ##	0.006	0.006	0.008	0.006	0.	0.001	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-04/16/75	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-04/16/75	1	148.	148.	148.	148.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	0	0.00							8	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00							8	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00							8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00							8	0	0.00			

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

Station Inventory for Station: GLCA0024

NPS Station ID: GLCA0024
LAT/LON: 37.017504/-111.327781
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040819
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006005
RF1 Mile Point: 21.820
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/02/75	24	10.85	12.35	25.7	5.8	34.15	5.844	6.95	8.35	12.35	25.2
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/02/75	17	94.	93.676	94.2	92.4	0.446	0.668	92.48	93.25	94.	94.2
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/02/75	3	204.	244.	324.	204.	4800.	69.282	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/02/75	24	657.5	695.792	994.	480.	30661.476	175.104	490.5	519.25	879.25	931.
00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/02/75	24	7.	7.271	9.8	4.4	1.995	1.413	5.7	6.2	8.6	9.4
00400	PH (STANDARD UNITS)	04/29/75-12/02/75	24	8.025	8.187	8.7	7.8	0.087	0.295	7.85	8.	8.475	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/29/75-12/02/75	24	8.024	8.107	8.7	7.8	0.094	0.306	7.85	8.	8.475	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/75-12/02/75	24	0.009	0.008	0.016	0.002	0.	0.004	0.002	0.003	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/02/75	24	130.5	131.042	155.	116.	112.476	10.605	118.5	121.25	138.75	146.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/02/75	24 ##	0.01	0.016	0.05	0.01	0.	0.011	0.01	0.01	0.02	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/02/75	24 ##	0.1	0.138	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.25
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/02/75	23	0.43	0.422	0.66	0.19	0.018	0.135	0.194	0.31	0.52	0.602
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/02/75	24	0.008	0.008	0.013	0.005	0.	0.002	0.006	0.006	0.009	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/02/75	24 ##	0.005	0.005	0.012	0.001	0.	0.004	0.001	0.001	0.009	0.011
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/02/75	3	1.5	1.833	2.7	1.3	0.573	0.757	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/02/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	24	0	0.00	9	0	0.00	8	0	0.00	7	0	0.00			
00400	PH	Other-Hi Lim.	9.	24	0	0.00	9	0	0.00	8	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	24	0	0.00	9	0	0.00	8	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	8	0	0.00	8	0	0.00	7	0	0.00			

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

Station Inventory for Station: GLCA0025

NPS Station ID: GLCA0025 | LAT/LON: 37.026392/-111.420837 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040803
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 | Depth of Water: 144 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070006016 | RF1 Mile Point: 0.310 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
WARM CREEK BAY; CENTER OF AREA; 155 DEGREES TO STACKS; 230 DEGREES TO MTN BETWEEN US AND WAHWEAP; 110 DEGREES TO STRAIGHT WALLED MESA (TOWER BUTTE). COMMENTS: 4-15 FOREL 7, GREEN; NO VISIBLE PARTICLES; INTEG 25 FT.
8-14 NO ULE OR LIGHT; INTEG 50 FT; DEPTH 165 FT.

Parameter Inventory for Station: GLCA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/75-12/02/75	21	9.9	11.9	24.9	7.5	22.459	4.739	8.14	9.25	11.75	22.74
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/15/75-12/02/75	21	91.8	92.038	95.4	87.	3.771	1.942	89.4	91.4	93.2	94.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/15/75-12/02/75	2	186.	186.	216.	156.	1800.	42.426	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/75-12/02/75	22	577.	636.182	954.	497.	20766.823	144.107	499.1	552.	707.25	941.2
00300	OXYGEN, DISSOLVED MG/L	04/15/75-12/02/75	22	7.9	7.882	10.	5.4	2.086	1.444	5.8	6.9	9.6	9.74
00400	PH (STANDARD UNITS)	04/15/75-12/02/75	22	8.15	8.168	8.6	7.9	0.054	0.233	7.9	7.938	8.3	8.585
00400	CONVERTED PH (STANDARD UNITS)	04/15/75-12/02/75	22	8.147	8.114	8.6	7.9	0.058	0.24	7.9	7.938	8.3	8.585
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/75-12/02/75	22	0.007	0.008	0.013	0.003	0.	0.004	0.003	0.005	0.012	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/75-12/02/75	22	127.	127.5	139.	116.	47.405	6.885	118.3	121.25	134.	136.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/75-12/02/75	22	0.02	0.018	0.05	0.01	0.	0.009	0.01	0.01	0.02	0.027
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/75-12/02/75	22	0.2	0.164	0.4	0.1	0.005	0.073	0.1	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/75-12/02/75	22	0.37	0.351	0.54	0.17	0.009	0.096	0.192	0.28	0.423	0.481
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/75-12/02/75	22	0.008	0.011	0.039	0.006	0.	0.008	0.007	0.007	0.01	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/75-12/02/75	22 ##	0.006	0.006	0.013	0.001	0.	0.003	0.001	0.004	0.009	0.01
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/15/75-12/02/75	3	1.	1.367	2.2	0.9	0.523	0.723	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/15/75-12/02/75	3	150.	153.	165.	144.	117.	10.817	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	22	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00			

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

Station Inventory for Station: GLCA0026

NPS Station ID: GLCA0026
LAT/LON: 37.051948/-111.309726
Agency: 112WRD
Date Created: 03/27/82
Location: (D-43- 5)24DDA-S1
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370307111183501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/59-04/21/59	1	566.	566.	566.	566.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/59-04/21/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/59-04/21/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/59-04/21/59	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/59-04/21/59	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/59-04/21/59	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/21/59-04/21/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/59-04/21/59	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/59-04/21/59	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/59-04/21/59	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/59-04/21/59	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/21/59-04/21/59	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/59-04/21/59	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/59-04/21/59	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/59-04/21/59	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/59-04/21/59	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/59-04/21/59	1	346.	346.	346.	346.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/59-04/21/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0027

NPS Station ID: GLCA0027 LAT/LON: 37.064727/-111.290003 Agency: 21UTAH Date Created: 06/21/80
Location: L POWELL-PADRE BAY AT XING OF THE FATHERS FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 495206
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER DRAINAGE ECO Region:
RF1 Index: 14070006029 RF1 Mile Point: 2.610 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/80-02/26/82	8	8.	8.512	14.	6.5	5.473	2.339	**	**	**	**
00065	STAGE, STREAM (FEET)	12/04/80-12/04/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/04/80-12/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/80-02/26/82	8	0.45	4.825	30.	0.1	107.305	10.359	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/10/80-04/10/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/10/80-02/26/82	4	837.5	681.75	943.	109.	153974.25	392.396	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/10/80-02/26/82	8	820.	840.	1100.	680.	23514.286	153.344	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/10/80-03/12/81	7	4.	4.729	9.1	1.9	6.552	2.56	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/04/80-12/04/80	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/10/80-02/26/82	8	20.	17.375	25.	7.5	46.196	6.797	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/82-02/26/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/26/82-02/26/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/82-02/26/82	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/10/80-02/26/82	8	1.	1.25	3.	0.	0.786	0.886	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/80-02/26/82	8	116.	124.875	144.	113.	184.696	13.59	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/10/80-02/26/82	8	140.	148.25	174.	130.	301.071	17.351	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/10/80-02/26/82	8	2.	1.75	4.	0.	2.786	1.669	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/10/80-02/26/82	7	## 2.5	2.357	2.5	1.5	0.143	0.378	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/10/80-02/26/82	8	## 2.5	9.813	62.	1.5	444.781	21.09	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/80-02/26/82	8	## 0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/10/80-12/04/80	6	## 0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/80-12/04/80	6	## 0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/10/80-12/04/80	6	0.4	0.417	0.55	0.35	0.006	0.075	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/80-12/04/80	6	0.5	0.488	0.85	0.025	0.083	0.288	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/80-02/26/82	8	0.2	0.225	0.5	0.1	0.014	0.116	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/80-02/26/82	8	0.4	0.381	0.55	0.05	0.021	0.146	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/80-02/26/82	8	0.023	0.031	0.1	0.01	0.001	0.029	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/80-12/04/80	6	## 0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/80-02/26/82	8	4.8	6.05	14.7	2.5	15.791	3.974	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/10/80-02/26/82	8	268.	275.5	360.	228.	2283.143	47.782	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/10/80-02/26/82	8	64.	69.875	100.	54.	231.268	15.207	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/10/80-02/26/82	8	20.	21.875	28.	19.	13.839	3.72	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/10/80-02/26/82	8	70.	74.	100.	54.	272.	16.492	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/10/80-02/26/82	8	4.5	4.25	5.	3.	0.786	0.886	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/10/80-02/26/82	8	37.5	44.875	71.	34.	189.839	13.778	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/10/80-02/26/82	8	70.5	63.125	74.	38.	179.268	13.389	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/10/80-02/26/82	8	199.	219.125	310.	164.	2423.839	49.233	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/10/80-12/04/80	6	0.24	0.245	0.28	0.22	0.	0.022	**	**	**	**

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

Parameter Inventory for Station: GLCA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/10/80-12/04/80	6	8.	8.333	9.	8.	0.267	0.516	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/10/80-02/26/82	8	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/10/80-02/26/82	8 ##	0.025	0.031	0.07	0.025	0.	0.016	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/10/80-12/04/80	6	140.	132.5	225.	15.	4627.5	68.026	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/10/80-02/26/82	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/10/80-12/04/80	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/10/80-02/26/82	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/10/80-02/26/82	8 ##	7.5	7.75	12.	5.	9.071	3.012	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/10/80-02/26/82	8 ##	5.	4.375	5.	2.5	1.339	1.157	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/10/80-02/26/82	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/10/80-02/26/82	8 ##	5.	7.5	15.	5.	21.429	4.629	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/10/80-02/26/82	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/10/80-02/26/82	8	17.5	23.188	65.	2.5	495.71	22.265	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/10/80-02/26/82	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01501	ALPHA, TOTAL	05/21/82-05/21/82	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
03501	BETA, TOTAL	05/21/82-05/21/82	3	9.	8.333	9.	7.	1.333	1.155	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/21/82-05/21/82	3 ##	5.	25.667	67.	5.	1281.333	35.796	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/10/80-02/26/82	8	548.	562.	740.	440.	12421.714	111.453	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	04/10/80-02/26/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/10/80-12/04/80	6 ##	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/10/80-02/26/82	7 ##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/10/80-02/26/82	8	0.	38.05	145.4	0.	3357.106	57.941	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/10/80-02/26/82	8 ##	0.015	0.024	0.05	0.015	0.	0.014	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	4	0.57	1	1	1.00	1	1	1.00	5	2	0.40			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	1300.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	3 &	1	0.33				1	1	1.00	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	100.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
	Drinking Water	2.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0028

NPS Station ID: GLCA0028
LAT/LON: 37.065560/-110.951948
Agency: 112WRD
Date Created: 03/27/82
Location: (D-43- 9) 7BCA-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370347110571401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/53-09/11/53	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/53-09/11/53	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/53-09/11/53	1	418.	418.	418.	418.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/11/53-09/11/53	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/11/53-09/11/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/11/53-09/11/53	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/11/53-09/11/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/53-09/11/53	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/53-09/11/53	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/11/53-09/11/53	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/11/53-09/11/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/53-09/11/53	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/53-09/11/53	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/53-09/11/53	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/53-09/11/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/53-09/11/53	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/53-09/11/53	1	244.	244.	244.	244.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/53-09/11/53	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0029

NPS Station ID: GLCA0029
LAT/LON: 37.067503/-110.941670
Agency: 112WRD
Date Created: 03/27/82
Location: (D-43- 9) 7AAC-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370357110563801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/53-09/11/53	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/53-09/11/53	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/53-09/11/53	1	408.	408.	408.	408.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/11/53-09/11/53	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/11/53-09/11/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/11/53-09/11/53	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/53-09/11/53	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/11/53-09/11/53	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/53-09/11/53	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/53-09/11/53	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/11/53-09/11/53	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/11/53-09/11/53	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/53-09/11/53	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/53-09/11/53	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/53-09/11/53	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/53-09/11/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/53-09/11/53	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/53-09/11/53	1	234.	234.	234.	234.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/53-09/11/53	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0030

NPS Station ID: GLCA0030
LAT/LON: 37.084726/-110.972227
Agency: 112WRD
Date Created: 03/27/82
Location: R(D-43- 8)12BCC-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370500110582901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/53-09/13/53	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/53-09/13/53	1	274.	274.	274.	274.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/53-09/13/53	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/53-09/13/53	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/53-09/13/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/13/53-09/13/53	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/53-09/13/53	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/53-09/13/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/53-09/13/53	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/53-09/13/53	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/13/53-09/13/53	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/13/53-09/13/53	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/13/53-09/13/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/53-09/13/53	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/53-09/13/53	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/53-09/13/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/53-09/13/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/53-09/13/53	1	160.	160.	160.	160.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/53-09/13/53	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0031

NPS Station ID: GLCA0031
LAT/LON: 37.093060/-111.656949
Agency: 112WRD
Date Created: 11/18/75
Location: WAHWEEP CREEK NEAR ALKALI SEEP
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 370535111392501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/31/74-05/31/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/31/74-05/31/74	1	3040.	3040.	3040.	3040.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/31/74-05/31/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/31/74-05/31/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/31/74-05/31/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/31/74-05/31/74	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/31/74-05/31/74	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/31/74-05/31/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/31/74-05/31/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/31/74-05/31/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/31/74-05/31/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	1	790.	790.	790.	790.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/31/74-05/31/74	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/74-05/31/74	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/74-05/31/74	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/74-05/31/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/31/74-05/31/74	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/31/74-05/31/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/74-05/31/74	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/31/74-05/31/74	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/74-05/31/74	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/31/74-05/31/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/31/74-05/31/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/31/74-05/31/74	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/31/74-05/31/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/74-05/31/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/31/74-05/31/74	1	2140.	2140.	2140.	2140.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/31/74-05/31/74	1	5.78	5.78	5.78	5.78	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/31/74-05/31/74	1	2.91	2.91	2.91	2.91	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: GLCA0032

NPS Station ID: GLCA0032
LAT/LON: 37.109170/-110.761670
Agency: 112WRD
Date Created: 03/27/82
Location: (D-42-10)26ACA-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370626110454601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	153.	153.	153.	153.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0032

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0033

NPS Station ID: GLCA0033
LAT/LON: 37.112226/-110.994448
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040815
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006023
RF1 Mile Point: 10.680
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/02/75	33	11.5	12.215	24.8	6.3	24.119	4.911	7.16	9.05	13.	23.24
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/02/75	25	98.5	97.908	101.	93.	5.772	2.402	94.	95.	100.	100.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/02/75	4	246.	252.	372.	144.	8736.	93.467	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/02/75	28	529.5	524.464	700.	391.	10171.813	100.855	395.9	414.5	587.5	683.8
00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/02/75	32	7.2	7.531	9.8	5.2	1.607	1.268	6.2	6.7	8.6	9.6
00400	PH (STANDARD UNITS)	04/28/75-12/02/75	33	8.	7.915	8.95	7.	0.348	0.59	7.04	7.2	8.35	8.74
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-12/02/75	33	8.	7.553	8.95	7.	0.483	0.695	7.04	7.2	8.35	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-12/02/75	33	0.01	0.028	0.1	0.001	0.001	0.035	0.002	0.004	0.063	0.092
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/02/75	33	129.	124.333	146.	104.	192.104	13.86	106.	109.5	136.5	142.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/02/75	33 ##	0.01	0.013	0.03	0.01	0.	0.006	0.01	0.01	0.02	0.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/02/75	33 ##	0.1	0.145	0.3	0.1	0.003	0.056	0.1	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/02/75	33	0.37	0.385	0.6	0.1	0.018	0.134	0.168	0.315	0.475	0.586
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/02/75	33	0.009	0.009	0.016	0.006	0.	0.003	0.006	0.008	0.011	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/02/75	33	0.005	0.005	0.012	0.001	0.	0.004	0.001	0.002	0.007	0.012
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/02/75	4	1.7	2.15	4.3	0.9	2.363	1.537	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/02/75	4	999.	792.75	999.	174.	170156.25	412.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	32	0	0.00	8	0	0.00	16	0	0.00	8	0	0.00			
00400	PH	Other-Hi Lim.	9.	33	0	0.00	8	0	0.00	17	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	33	0	0.00	8	0	0.00	17	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	8	0	0.00	17	0	0.00	8	0	0.00			

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

Station Inventory for Station: GLCA0034

NPS Station ID: GLCA0034
LAT/LON: 37.112504/-110.769171
Agency: 112WRD
Date Created: 03/27/82
Location: (D-42-10)26BBA-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370639110461201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	1	373.	373.	373.	373.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/02/53-09/02/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/53-09/02/53	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/53-09/02/53	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/02/53-09/02/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/02/53-09/02/53	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/02/53-09/02/53	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/53-09/02/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/02/53-09/02/53	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/53-09/02/53	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/02/53-09/02/53	1	219.	219.	219.	219.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/02/53-09/02/53	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0035

NPS Station ID: GLCA0035
LAT/LON: 37.113615/-110.767503
Agency: 112WRD
Date Created: 03/27/82
Location: (D-42-10)26BAB-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370644110460501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/53-09/02/53	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/02/53-09/02/53	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/53-09/02/53	1	341.	341.	341.	341.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/02/53-09/02/53	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/02/53-09/02/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/53-09/02/53	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/02/53-09/02/53	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/53-09/02/53	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0035

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0036

NPS Station ID: GLCA0036
LAT/LON: 37.117503/-111.483892
Agency: 112WRD
Date Created: 02/28/78
Location: (D-42- 4)33BBD-S1 UNNAMED SP IN WARM CR
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370703111290201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/74-05/30/74	1	2640.	2640.	2640.	2640.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/30/74-05/30/74	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/30/74-05/30/74	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/74-05/30/74	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/30/74-05/30/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/74-05/30/74	1	416.	416.	416.	416.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/30/74-05/30/74	1	481.	481.	481.	481.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/30/74-05/30/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/74-05/30/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/30/74-05/30/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/30/74-05/30/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/30/74-05/30/74	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/30/74-05/30/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/74-05/30/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/74-05/30/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/30/74-05/30/74	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/30/74-05/30/74	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/30/74-05/30/74	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/74-05/30/74	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/30/74-05/30/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/30/74-05/30/74	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/30/74-05/30/74	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/74-05/30/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/30/74-05/30/74	1	860.	860.	860.	860.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/30/74-05/30/74	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/30/74-05/30/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/30/74-05/30/74	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/30/74-05/30/74	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: GLCA0037

NPS Station ID: GLCA0037
LAT/LON: 37.126392/-111.484726
Agency: 112WRD
Date Created: 02/28/78
Location: (D-42- 4)28CBD-S1 SEEP IN WARM CREEK
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370735111290501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/29/74-05/29/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/74-05/29/74	1	5840.	5840.	5840.	5840.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/74-05/29/74	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/74-05/29/74	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/74-05/29/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/29/74-05/29/74	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/29/74-05/29/74	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/29/74-05/29/74	1	323.	323.	323.	323.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/29/74-05/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/29/74-05/29/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/29/74-05/29/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/29/74-05/29/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/29/74-05/29/74	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/29/74-05/29/74	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/29/74-05/29/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/74-05/29/74	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/29/74-05/29/74	1	980.	980.	980.	980.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/29/74-05/29/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/29/74-05/29/74	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/29/74-05/29/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/29/74-05/29/74	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/29/74-05/29/74	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/29/74-05/29/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/29/74-05/29/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/29/74-05/29/74	1	670.	670.	670.	670.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/29/74-05/29/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/29/74-05/29/74	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/29/74-05/29/74	1	4710.	4710.	4710.	4710.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/29/74-05/29/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/29/74-05/29/74	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: GLCA0038

NPS Station ID: GLCA0038
LAT/LON: 37.139726/-110.953337
Agency: 21UTAH
Date Created: 06/21/80
Location: L POWELL-N OF OAK CANYON NR RAINBOW BRIDGE
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 495209
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER DRAINAGE
ECO Region:
RF1 Index: 14070006026
RF1 Mile Point: 3.370
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 140700010003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	7	8.	8.571	13.	6.2	6.232	2.496	**	**	**	**
00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	7	0.5	0.571	1.	0.3	0.072	0.269	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	3	885.	891.667	1080.	710.	34258.333	185.09	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	7	705.	797.143	1055.	620.	30707.143	175.235	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	7	4.6	5.043	8.8	2.3	6.096	2.469	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/09/80-03/11/81	7	20.	19.	25.	10.	28.667	5.354	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-03/11/81	7	1.	1.	2.	0.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	7	116.	125.	144.	110.	214.667	14.652	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-03/11/81	7	136.	143.143	172.	126.	298.476	17.276	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/09/80-03/11/81	7	2.	1.714	4.	0.	1.905	1.38	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-03/11/81	7 ##	0.05	0.064	0.1	0.05	0.001	0.024	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	6	0.4	0.417	0.65	0.25	0.018	0.133	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	6	0.575	0.592	0.8	0.4	0.027	0.166	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	7	0.2	0.271	0.5	0.1	0.019	0.138	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-03/11/81	7	0.4	0.414	0.65	0.25	0.015	0.121	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	7 ##	0.02	0.019	0.025	0.01	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	6 ##	0.01	0.017	0.04	0.01	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	7	4.2	5.7	15.	3.	17.52	4.186	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	7	232.	260.714	335.	208.	2485.571	49.856	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-03/11/81	7	62.	68.857	120.	51.	563.476	23.738	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-03/11/81	7	18.	17.714	24.	9.	19.571	4.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-03/11/81	7	60.	68.286	100.	47.	363.238	19.059	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-03/11/81	7	4.	4.	5.	3.	1.	1.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-03/11/81	7	33.	46.714	70.	27.	393.571	19.839	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	7	70.	63.857	71.	33.	192.476	13.874	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-03/11/81	7	186.	197.286	290.	146.	2454.238	49.54	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	6	0.225	0.23	0.26	0.2	0.	0.022	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	6	8.	8.167	9.	8.	0.167	0.408	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-03/11/81	7	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-03/11/81	7 ##	0.025	0.031	0.07	0.025	0.	0.017	**	**	**	**

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

Parameter Inventory for Station: GLCA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	6	137.5	134.167	155.	110.	274.167	16.558	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-03/11/81	7 ##	0.5	0.643	1.	0.5	0.06	0.244	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-03/11/81	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-03/11/81	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-03/11/81	7 ##	5.	4.286	5.	2.5	1.488	1.22	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-03/11/81	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-03/11/81	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	7	24.	24.286	60.	6.	360.905	18.997	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/03/80-12/03/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-03/11/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	05/20/82-05/20/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
03501	BETA, TOTAL	05/20/82-05/20/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/20/82-05/20/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	7	460.	526.571	674.	400.	13332.952	115.468	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-03/11/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	6 ##	0.01	0.015	0.03	0.01	0.	0.008	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-03/11/81	7 ##	0.05	0.1	0.3	0.05	0.008	0.091	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	7	0.	41.086	128.6	0.	3110.451	55.771	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/09/80-03/11/81	7	0.03	0.026	0.04	0.015	0.	0.011	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	3	0.43	1	1	1.00	1	1	1.00	5	1	0.20			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	5.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	1300.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	5.	2 &	0	0.00				1	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	100.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	2.	7	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0039

NPS Station ID: GLCA0039 LAT/LON: 37.151948/-110.931948 Agency: 12TAWI Date Created: 09/03/76
Location: LAKE POWELL DOWNSTREAM FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006 Depth of Water: 999 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14070006026 RF1 Mile Point: 4.890 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
IN MIDDLE OF COLORADO RIVER CHANNEL, A LITTLE ON THE SE SIDE OF THE WATER BODY. N OF RAINBOW CANYON A COUPLE OF RIVER BENDS. JUST N OF SMALL TRIBUTARY CANYON TO SE. 6/9/76 INTEGRATE FM 30 FT.

Parameter Inventory for Station: GLCA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	24	9.2	11.817	22.7	6.4	29.124	5.397	7.25	8.625	14.525	22.6
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-06/09/76	1	32.8	32.8	32.8	32.8	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	2	2160.15	2160.15	3651.3	669.	4447056.645	2108.805	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	10	0.35	0.48	1.9	0.2	0.255	0.505	0.2	0.275	0.4	1.75
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/77-04/07/77	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	24	587.5	619.333	773.	544.	5899.449	76.808	550.	557.	655.5	767.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	22	768.	768.909	977.	678.	5261.134	72.534	697.	715.	783.75	907.1
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	22	8.2	8.573	10.2	7.	0.706	0.84	7.93	8.15	8.85	10.07
00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/07/77	13	8.1	8.2	8.6	7.8	0.068	0.261	7.84	8.	8.45	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-04/07/77	13	8.1	8.133	8.6	7.8	0.073	0.271	7.84	8.	8.45	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/07/77	13	0.008	0.007	0.016	0.003	0.	0.004	0.003	0.004	0.01	0.015
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	23	127.	127.261	140.	117.	20.929	4.575	123.4	125.	129.	134.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	23	0.03	0.025	0.05	0.01	0.	0.014	0.01	0.01	0.03	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	21	0.3	0.257	0.5	0.1	0.011	0.103	0.1	0.2	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	23	0.38	0.406	0.63	0.26	0.009	0.094	0.264	0.37	0.47	0.546
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	20	0.007	0.007	0.013	0.001	0.	0.003	0.002	0.005	0.008	0.011
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	10	0.004	0.004	0.007	0.003	0.	0.002	0.003	0.003	0.006	0.007
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	19 ##	0.001	0.002	0.005	0.001	0.	0.001	0.001	0.001	0.002	0.005
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/07/77	2	3.15	3.15	4.8	1.5	5.445	2.333	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	2	999.	999.	999.	999.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/07/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00							10	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	0	0.00							9	0	0.00	13	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00										13	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00										13	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00							10	0	0.00	13	0	0.00

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

Station Inventory for Station: GLCA0040

NPS Station ID: GLCA0040
LAT/LON: 37.154727/-110.813337
Agency: 12TAWI
Date Created: 09/03/76
Location: CHA CANYON.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP013
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 100
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205002
RF1 Mile Point: 5.740
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
CHA CANYON TOWARD HEAD, 40M OFF LARGE SLIDE AREA TO W, 010 DEG. TO LAST VISIBLE PT ON E SHORE TOWARD MAIN CHANNEL, DUE S OF MOUTH OF CANYON.

Parameter Inventory for Station: GLCA0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/30/77	17	9.7	13.265	22.	7.5	31.515	5.614	8.38	8.85	20.	22.
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/30/77-03/30/77	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/30/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-03/30/77	7	0.3	0.271	0.3	0.2	0.002	0.049	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/30/77	2	117.	117.	156.	78.	3042.	55.154	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/30/77-03/30/77	8	445.	445.	450.	440.	28.571	5.345	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/30/77	14	756.	740.214	776.	693.	984.643	31.379	696.	704.	766.75	774.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/30/77	17	9.	9.882	12.	7.1	2.863	1.692	7.5	8.8	11.55	12.
00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/30/77	14	9.1	9.279	10.1	8.6	0.279	0.528	8.7	8.8	9.775	10.05
00400	PH (STANDARD UNITS)	06/11/76-03/30/77	17	8.6	8.753	9.4	8.4	0.084	0.29	8.48	8.55	9.	9.32
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-03/30/77	17	8.6	8.68	9.4	8.4	0.09	0.299	8.48	8.55	9.	9.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/30/77	17	0.003	0.002	0.004	0.	0.	0.001	0.	0.001	0.003	0.003
00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/30/77	14	8.3	8.364	8.7	8.2	0.026	0.16	8.2	8.275	8.45	8.65
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-03/30/77	14	8.3	8.34	8.7	8.2	0.026	0.162	8.2	8.275	8.45	8.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/30/77	14	0.005	0.005	0.006	0.002	0.	0.001	0.002	0.004	0.005	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/30/77	14	123.	123.857	129.	119.	9.209	3.035	119.5	121.75	126.25	128.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/30/77	14 ##	0.01	0.019	0.05	0.01	0.	0.012	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/30/77	14	0.2	0.193	0.5	0.1	0.013	0.114	0.1	0.1	0.225	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/30/77	14	0.36	0.329	0.41	0.24	0.004	0.067	0.24	0.248	0.383	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/30/77	14	0.009	0.012	0.054	0.006	0.	0.012	0.007	0.009	0.011	0.033
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/30/77-03/30/77	7	0.002	0.003	0.01	0.002	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/30/77	14 ##	0.001	0.003	0.012	0.001	0.	0.003	0.001	0.001	0.002	0.009
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/30/77-03/30/77	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/30/77	2	92.5	92.5	100.	85.	112.5	10.607	**	**	**	**
85281	INVALID PARAMETER	06/11/76-03/30/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00							7	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	17	0	0.00							8	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	0	0.00							7	0	0.00	7	0	0.00
00400	PH	Other-Hi Lim.	9.	17	5	0.29							8	0	0.00	9	5	0.56
		Other-Lo Lim.	6.5	17	0	0.00							8	0	0.00	9	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00							7	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	14	0	0.00							7	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00							7	0	0.00	7	0	0.00

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

Station Inventory for Station: GLCA0041

NPS Station ID: GLCA0041
LAT/LON: 37.157781/-110.866671
Agency: 12TAWI
Date Created: 09/03/76
Location: NASJA CANYON.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP009
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 240
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205002
RF1 Mile Point: 1.290
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
AT CONFLUENCE OF NASJA AND BALD ROCK CANYONS. 6/11/76 TOO DEEP TO ANCHOR, COULD NOT HOLD POSITION. SURFACE SAMPLE ONLY.

Parameter Inventory for Station: GLCA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/31/77	32	10.	11.65	23.	7.2	22.288	4.721	8.	9.025	11.125	21.7
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/31/77	3	3657.	3659.433	3670.	3651.3	91.863	9.585	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	6	0.3	0.333	0.4	0.3	0.003	0.052	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/31/77	3	288.	262.	336.	162.	8076.	89.867	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/06/76-03/31/77	23	445.	442.391	460.	420.	97.431	9.871	422.	440.	445.	455.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/31/77	7	773.	770.714	777.	752.	72.238	8.499	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	18	9.2	9.528	11.3	7.4	1.639	1.28	7.76	8.625	10.975	11.3
00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/31/77	7	10.2	10.314	11.	9.5	0.348	0.59	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/76-03/31/77	32	8.2	8.028	9.4	6.9	0.768	0.876	6.93	7.025	8.775	9.14
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-03/31/77	32	8.2	7.412	9.4	6.9	1.16	1.077	6.93	7.025	8.775	9.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	32	0.006	0.039	0.126	0.	0.002	0.047	0.001	0.002	0.095	0.118
00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	8	8.2	8.213	8.6	8.1	0.027	0.164	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-03/31/77	8	8.2	8.191	8.6	8.1	0.028	0.166	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	8	0.006	0.006	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/31/77	8	128.	128.125	130.	126.	1.268	1.126	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/31/77	8 ##	0.01	0.011	0.02	0.01	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/31/77	8 ##	0.1	0.175	0.4	0.1	0.019	0.139	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/31/77	8	0.37	0.359	0.39	0.25	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/31/77	8	0.009	0.01	0.014	0.008	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-03/31/77	7	0.004	0.005	0.009	0.003	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/31/77	8 ##	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/31/77	2	220.	220.	240.	200.	800.	28.284	**	**	**	**
85281	INVALID PARAMETER	06/11/76-03/31/77	3	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00							6	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	18	0	0.00							9	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00							6	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	32	5	0.16				14	0	0.00	9	0	0.00	9	5	0.56
		Other-Lo Lim.	6.5	32	0	0.00				14	0	0.00	9	0	0.00	9	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00				1	0	0.00	6	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00				1	0	0.00	6	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00				1	0	0.00	6	0	0.00	1	0	0.00

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

Station Inventory for Station: GLCA0042

NPS Station ID: GLCA0042 LAT/LON: 37.166670/-110.702781 Agency: 12TAWI Date Created: 09/03/76
Location: PIUTE CANYON. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP023
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 65 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205004 RF1 Mile Point: 1.840 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
IN PIUTE CANYON ARM INSIDE ISLAND ABOUT 10M OFF PT ON W SHORE. DUE S FM ISLAND. NEAR SHORE DUE TO INABILITY TO ANCHOR OUT.

Parameter Inventory for Station: GLCA0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	8	19.1	18.125	21.	13.8	9.665	3.109	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	7	694.	709.714	806.	683.	1876.238	43.316	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	21.8	21.8	21.8	21.8	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	8	8.15	8.05	8.4	7.5	0.114	0.338	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	7	8.6	8.457	8.8	7.8	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/76-06/11/76	8	8.85	8.825	9.	8.6	0.025	0.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-06/11/76	8	8.847	8.799	9.	8.6	0.026	0.161	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	8	0.001	0.002	0.003	0.001	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	6	8.4	8.383	8.6	8.1	0.034	0.183	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-06/11/76	6	8.389	8.35	8.6	8.1	0.035	0.187	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	6	0.004	0.004	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	7	118.	117.857	119.	116.	1.476	1.215	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	7	0.03	0.026	0.04	0.01	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	7	0.3	0.314	0.4	0.3	0.001	0.038	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	7	0.26	0.269	0.31	0.24	0.001	0.032	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	7	0.011	0.013	0.019	0.01	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	7 ##	0.001	0.003	0.008	0.001	0.	0.003	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	1	65.	65.	65.	65.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/11/76-06/11/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	8	0	0.00										8	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00										7	0	0.00
00400	PH	Other-Hi Lim.	9.	8	2	0.25										8	2	0.25
		Other-Lo Lim.	6.5	8	0	0.00										8	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00										6	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00

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

Station Inventory for Station: GLCA0043

NPS Station ID: GLCA0043
LAT/LON: 37.168059/-110.052226
Agency: 112WRD
Date Created: 03/27/82
Location: (D-42-17) 4BCB- S2
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371005110030801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	1	460.	460.	460.	460.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0044

NPS Station ID: GLCA0044 | LAT/LON: 37.168059/-110.738893 | Agency: 12TAWI | Date Created: 09/03/76
Location: DEEP CANYON | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP019
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080205 | Depth of Water: 120 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205003 | RF1 Mile Point: 3.000 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN DEEP CANYON AT PT WHERE CANYON BENDS FM N-S TO SE-NW. N TO PT WHERE BEND OCCURS. MIDCHANNEL NW TO PT ON S SHORE WHERE CANYON BENDS AGAIN.

Parameter Inventory for Station: GLCA0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	10	15.9	15.59	21.5	7.	33.434	5.782	7.12	10.3	21.425	21.5
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	7	683.	672.429	705.	590.	1478.286	38.448	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	10	7.8	7.86	8.6	7.	0.452	0.672	7.02	7.2	8.6	8.6
00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	7	9.	8.743	9.4	7.6	0.37	0.608	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/76-06/11/76	10	8.7	8.67	9.1	8.2	0.098	0.313	8.21	8.375	8.925	9.09
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-06/11/76	10	8.689	8.571	9.1	8.2	0.109	0.33	8.21	8.375	8.925	9.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	10	0.002	0.003	0.006	0.001	0.	0.002	0.001	0.001	0.004	0.006
00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	6	8.5	8.417	8.6	8.1	0.034	0.183	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-06/11/76	6	8.5	8.381	8.6	8.1	0.035	0.188	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	6	0.003	0.004	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	7	117.	117.143	118.	117.	0.143	0.378	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	7	0.02	0.023	0.04	0.01	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	7	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	7	0.27	0.29	0.37	0.25	0.002	0.047	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	7	0.009	0.009	0.011	0.008	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	7 ##	0.001	0.001	0.003	0.001	0.	0.001	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	1	120.	120.	120.	120.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/11/76-06/11/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	10	0	0.00										10	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00										7	0	0.00
00400	PH	Other-Hi Lim.	9.	10	2	0.20										10	2	0.20
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00										6	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00

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

Station Inventory for Station: GLCA0045

NPS Station ID: GLCA0045
LAT/LON: 37.168337/-110.817226
Agency: 21UTAH
Date Created: 06/21/80
Location: L POWELL-AT CHA CANYON
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 495210
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin: COLORADO R BASIN
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R DRAINAGE
ECO Region:
RF1 Index: 14080205001
RF1 Mile Point: 6.600
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	7	9.	12.057	28.	6.8	54.103	7.355	**	**	**	**
00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	7	0.5	2.471	9.6	0.5	11.349	3.369	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	2	820.	820.	1000.	640.	64800.	254.558	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	7	630.	747.857	985.	580.	34207.143	184.952	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	7	4.3	4.8	9.6	1.4	7.143	2.673	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/09/80-03/11/81	7	20.	18.429	26.	10.	24.619	4.962	**	**	**	**
00400	PH (STANDARD UNITS)	04/09/80-04/09/80	2	7.8	7.8	8.6	7.	1.28	1.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-04/09/80	2	7.29	7.29	8.6	7.	1.8	1.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-04/09/80	2	0.051	0.051	0.1	0.003	0.005	0.069	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-03/11/81	7	1.	0.714	1.	0.	0.238	0.488	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	7	110.	119.571	139.	100.	316.952	17.803	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-03/11/81	7	128.	135.143	166.	114.	346.476	18.614	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/09/80-03/11/81	7	2.	2.	6.	0.	5.333	2.309	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	7 ##	2.5	3.714	11.	2.5	10.321	3.213	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-03/11/81	7 ##	0.05	0.064	0.1	0.05	0.001	0.024	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	6	0.375	0.408	0.65	0.15	0.042	0.206	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	6	0.6	0.55	0.65	0.35	0.016	0.126	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	7	0.2	0.271	0.6	0.1	0.026	0.16	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-03/11/81	7	0.35	0.4	0.65	0.15	0.036	0.189	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	7	0.02	0.024	0.05	0.01	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	6	0.02	1.517	9.	0.01	13.44	3.666	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	7	4.2	4.486	7.2	3.3	1.755	1.325	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	7	224.	253.429	310.	204.	2532.952	50.328	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-03/11/81	7	59.	64.429	83.	55.	139.619	11.816	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-03/11/81	7	18.	19.286	25.	15.	16.571	4.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-03/11/81	7	47.	61.429	95.	42.	437.619	20.919	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-03/11/81	7	3.	3.571	5.	3.	0.619	0.787	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-03/11/81	7	19.	30.429	61.	16.	404.286	20.107	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	7	58.	50.143	65.	24.	315.143	17.752	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-03/11/81	7	169.	198.571	276.	166.	2534.952	50.348	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	6	0.25	0.253	0.3	0.21	0.001	0.033	**	**	**	**

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

Parameter Inventory for Station: GLCA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	6	8.5	8.167	9.	6.	1.367	1.169	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-03/11/81	7	1.	0.929	1.	0.5	0.036	0.189	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/03/80-12/03/80	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-03/11/81	7 ##	0.025	0.031	0.07	0.025	0.	0.017	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	6	135.	145.833	210.	110.	1204.167	34.701	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-03/11/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-03/11/81	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-03/11/81	7 ##	5.	5.071	10.	0.5	7.536	2.745	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-03/11/81	7 ##	5.	4.643	5.	2.5	0.893	0.945	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-03/11/81	7 ##	5.	9.286	20.	5.	36.905	6.075	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-03/11/81	7 ##	5.	9.714	30.	5.	88.905	9.429	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	7	30.	31.429	65.	2.5	762.202	27.608	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-03/11/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	04/09/80-05/20/82	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
03501	BETA, TOTAL	04/09/80-05/20/82	2	31.	31.	52.	10.	882.	29.698	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/09/80-05/20/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
09501	RADIUM 226, TOTAL	04/09/80-04/09/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	04/09/80-04/09/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	7	414.	498.	650.	376.	16534.667	128.587	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-03/11/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	6 ##	0.015	0.018	0.04	0.01	0.	0.012	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-03/11/81	7	0.1	0.107	0.2	0.05	0.005	0.067	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	7	0.	76.4	332.	0.	14992.52	122.444	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/09/80-03/11/81	7	0.03	0.026	0.04	0.015	0.	0.011	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	3	0.43	2	1	0.50	1	1	1.00	4	1	0.25			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	5.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	1300.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	5.	2 &	1	0.50				1	0	0.00	1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	2.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			

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

Station Inventory for Station: GLCA0046

NPS Station ID: GLCA0046
LAT/LON: 37.168892/-110.052226
Agency: 112WRD
Date Created: 03/27/82
Location: (D-42-17) 4BBC-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371008110030801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	1	410.	410.	410.	410.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0047

NPS Station ID: GLCA0047
LAT/LON: 37.173059/-110.904727
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040814
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 999
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006026
RF1 Mile Point: 7.390
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	26	10.5	12.012	24.1	5.9	27.404	5.235	6.55	8.325	13.2	23.59
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-11/24/75	17	101.	98.176	101.	94.	9.654	3.107	94.8	95.	101.	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	3	240.	206.	240.	138.	3468.	58.89	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	26	553.5	534.923	662.	386.	6719.994	81.976	389.4	484.5	583.5	649.8
00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	26	7.5	7.777	9.8	5.	1.697	1.303	6.3	6.95	8.9	9.66
00400	PH (STANDARD UNITS)	04/28/75-11/24/75	26	8.025	7.881	8.85	7.	0.366	0.605	7.1	7.2	8.325	8.745
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-11/24/75	26	8.024	7.524	8.85	7.	0.498	0.706	7.1	7.2	8.325	8.745
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-11/24/75	26	0.009	0.03	0.1	0.001	0.001	0.034	0.002	0.005	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	26	120.5	120.385	144.	102.	159.686	12.637	102.	110.25	131.25	138.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	25 ##	0.01	0.015	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	26 ##	0.1	0.15	0.3	0.1	0.003	0.058	0.1	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	25	0.39	0.392	0.58	0.05	0.019	0.137	0.168	0.32	0.5	0.556
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	26	0.011	0.01	0.015	0.007	0.	0.002	0.008	0.008	0.012	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	21	0.007	0.006	0.012	0.002	0.	0.004	0.002	0.003	0.01	0.012
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	3	1.9	2.7	5.3	0.9	5.32	2.307	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	26	0	0.00	8	0	0.00	9	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	26	0	0.00	8	0	0.00	9	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	8	0	0.00	9	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00	7	0	0.00	9	0	0.00	9	0	0.00			

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

Station Inventory for Station: GLCA0048

NPS Station ID: GLCA0048 | LAT/LON: 37.176392/-110.873615 | Agency: 12TAWI | Date Created: 05/27/77
Location: SAN JUAN RIVER/ARM | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP003
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 90 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205001 | RF1 Mile Point: 2.940 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
LOCATED ABOUT ONE MILE UPSTREAM FM SJLP006, OFF MOUTH OF COVE ON EDGE OF CHANNEL-DIURNNAL STATION. RIVER MILE 5.0

Parameter Inventory for Station: GLCA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/77-04/03/77	15	8.9	8.88	9.2	8.	0.07	0.265	8.48	8.9	9.	9.14
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	04/03/77-04/03/77	2	3651.3	3651.3	3651.3	3651.3	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/77-04/03/77	12	0.4	0.35	0.5	0.2	0.008	0.09	0.2	0.3	0.4	0.47
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/03/77-04/03/77	2	390.	390.	420.	360.	1800.	42.426	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/03/77-04/03/77	15	435.	435.533	450.	420.	44.981	6.707	426.	430.	440.	444.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/77-04/03/77	12	783.5	779.417	786.	760.	67.902	8.24	762.7	773.5	785.	785.7
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/03/77-04/03/77	15	10.6	10.793	11.7	10.	0.378	0.615	10.06	10.3	11.4	11.7
00300	OXYGEN, DISSOLVED MG/L	04/03/77-04/03/77	12	9.9	9.933	10.8	9.2	0.197	0.444	9.32	9.625	10.15	10.74
00400	PH (STANDARD UNITS)	04/03/77-04/03/77	15	8.6	8.627	8.9	8.3	0.031	0.175	8.36	8.5	8.8	8.84
00400	CONVERTED PH (STANDARD UNITS)	04/03/77-04/03/77	15	8.6	8.593	8.9	8.3	0.032	0.178	8.36	8.5	8.8	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/77-04/03/77	15	0.003	0.003	0.005	0.001	0.	0.001	0.001	0.002	0.003	0.004
00403	PH, LAB, STANDARD UNITS SU	04/03/77-04/03/77	12	8.	7.908	8.1	7.4	0.041	0.202	7.49	7.8	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/03/77-04/03/77	12	8.	7.856	8.1	7.4	0.044	0.209	7.49	7.8	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/77-04/03/77	12	0.01	0.014	0.04	0.008	0.	0.009	0.008	0.01	0.016	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/77-04/03/77	12	124.	124.417	131.	117.	19.174	4.379	117.9	120.25	128.	130.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/77-04/03/77	12 ##	0.01	0.028	0.22	0.01	0.004	0.061	0.01	0.01	0.01	0.157
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/77-04/03/77	12	0.2	0.175	0.3	0.1	0.004	0.062	0.1	0.1	0.2	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/77-04/03/77	12	0.38	0.38	0.38	0.38	0.	0.	0.38	0.38	0.38	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/77-04/03/77	12	0.011	0.016	0.063	0.007	0.	0.015	0.008	0.01	0.014	0.049
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/77-04/03/77	12	0.005	0.006	0.015	0.004	0.	0.003	0.004	0.004	0.007	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/03/77-04/03/77	12 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.002
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/03/77-04/03/77	2	2.1	2.1	2.3	1.9	0.08	0.283	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/03/77-04/03/77	2	107.5	107.5	125.	90.	612.5	24.749	**	**	**	**
85281	INVALID PARAMETER	04/03/77-04/03/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00							12	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	15	0	0.00							15	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	12	0	0.00							12	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00							15	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00							15	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00							12	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00							12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00							12	0	0.00			

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

Station Inventory for Station: GLCA0049

NPS Station ID: GLCA0049 LAT/LON: 37.177781/-110.699449 Agency: 12TAWI Date Created: 09/03/76
Location: AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP022
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 135 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN NESKAHI WASH ECO Region:
RF1 Index: 14080205016 RF1 Mile Point: 0.550 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
SOUTHERNMOST OF 3 SITE TRANSECT CROSS CHANNEL BETWEEN PIUTE AND NESKAHI CANYONS. HALFWAY BETWEEN SMALL ISLAND AND S SHORE.

Parameter Inventory for Station: GLCA0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	10	16.4	16.5	23.5	8.9	37.744	6.144	8.93	9.95	23.2	23.5
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-06/10/76	10	610.	604.8	695.	510.	6057.067	77.827	510.3	525.75	686.25	694.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	9	694.	696.111	715.	662.	298.361	17.273	662.	688.5	714.5	715.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	10	7.9	7.98	8.8	7.4	0.253	0.503	7.4	7.55	8.45	8.78
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	10	115.	115.	117.	113.	2.222	1.491	113.	113.75	116.25	117.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	10 ##	0.01	0.019	0.04	0.01	0.	0.013	0.01	0.01	0.033	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	10	0.2	0.2	0.4	0.1	0.007	0.082	0.1	0.175	0.2	0.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	10	0.305	0.332	0.47	0.22	0.01	0.101	0.22	0.228	0.445	0.469
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	10	0.009	0.009	0.014	0.006	0.	0.003	0.006	0.007	0.011	0.014
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	10 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	1	135.	135.	135.	135.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/10/76-06/10/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00										10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00										10	0	0.00

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

Station Inventory for Station: GLCA0050

NPS Station ID: GLCA0050 LAT/LON: 37.178337/-110.780004 Agency: 12TAWI Date Created: 09/03/76
Location: WILSON CANYON. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP016
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 100 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205001 RF1 Mile Point: 8.750 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
WILSON CANYON NEAR MOUTH. DUE SW TO FLAT BENCH WHERE IT JOINS MAIN CHANNEL, DUE NW TO W EDGE OF NAVAJO SANDSTONE CLIFF ON SKYLINE, DUE NE TO GROVE OF TREES IN SMALL SIDE CANYON.

Parameter Inventory for Station: GLCA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-04/08/77	38	10.	10.829	23.	7.3	19.564	4.423	7.3	8.075	10.5	22.
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-04/08/77	4	3654.15	3657.4	3670.	3651.3	77.78	8.819	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-04/08/77	12	0.4	0.383	0.5	0.3	0.003	0.058	0.3	0.325	0.4	0.47
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-04/08/77	4	307.	267.5	348.	108.	12801.	113.142	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/06/76-04/08/77	29	460.	483.552	683.	415.	4359.256	66.025	430.	442.5	518.	547.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-04/08/77	18	755.5	771.278	986.	683.	6352.683	79.704	688.4	737.	768.25	968.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	20	8.8	9.125	11.1	7.5	1.578	1.256	7.7	7.825	10.4	11.07
00300	OXYGEN, DISSOLVED MG/L	06/11/76-04/08/77	19	8.2	8.442	9.8	7.8	0.288	0.537	7.9	8.1	9.	9.2
00400	PH (STANDARD UNITS)	06/11/76-03/31/77	32	8.35	8.344	9.4	7.4	0.255	0.505	7.8	8.	8.5	9.17
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-03/31/77	32	8.347	8.099	9.4	7.4	0.317	0.563	7.8	8.	8.5	9.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	32	0.004	0.008	0.04	0.	0.	0.009	0.001	0.003	0.01	0.016
00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	15	8.2	8.207	8.7	7.4	0.104	0.322	7.7	8.1	8.5	8.64
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-03/31/77	15	8.2	8.074	8.7	7.4	0.122	0.35	7.7	8.1	8.5	8.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	15	0.006	0.008	0.04	0.002	0.	0.009	0.002	0.003	0.008	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-04/08/77	20	122.	122.4	135.	115.	25.937	5.093	116.	118.75	125.	132.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-04/08/77	20 ##	0.01	0.018	0.04	0.01	0.	0.011	0.01	0.01	0.02	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-04/08/77	20 ##	0.1	0.16	0.4	0.	0.01	0.099	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-04/08/77	20	0.38	0.389	0.68	0.24	0.018	0.132	0.24	0.273	0.415	0.662
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-04/08/77	20	0.009	0.009	0.015	0.	0.	0.003	0.007	0.008	0.01	0.013
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-04/08/77	13	0.004	0.005	0.008	0.003	0.	0.002	0.003	0.004	0.006	0.008
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-04/08/77	20 ##	0.001	0.002	0.014	0.001	0.	0.003	0.001	0.001	0.002	0.009
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-04/08/77	3	310.	469.667	999.	100.	221170.333	470.288	**	**	**	**
85281	INVALID PARAMETER	06/11/76-04/08/77	4	12.	11.75	12.	11.	0.25	0.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00							12	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	20	0	0.00							11	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	0	0.00							12	0	0.00	7	0	0.00
00400	PH	Other-Hi Lim.	9.	32	6	0.19				12	0	0.00	11	0	0.00	9	6	0.67
		Other-Lo Lim.	6.5	32	0	0.00				12	0	0.00	11	0	0.00	9	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00				2	0	0.00	6	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00				2	0	0.00	6	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00				1	0	0.00	12	0	0.00	7	0	0.00

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

Station Inventory for Station: GLCA0051

NPS Station ID: GLCA0051
LAT/LON: 37.178892/-110.900005
Agency: 112WRD
Date Created: 08/15/81
Location: SAN JUAN RIVER AT MOUTH-EAST BANK
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371044110540000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/21/59-04/21/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/59-04/21/59	1	979.	979.	979.	979.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/59-04/21/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/59-04/21/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/59-04/21/59	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/59-04/21/59	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/59-04/21/59	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/21/59-04/21/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/21/59-04/21/59	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/59-04/21/59	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/59-04/21/59	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/59-04/21/59	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/59-04/21/59	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/59-04/21/59	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/59-04/21/59	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/21/59-04/21/59	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/59-04/21/59	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/59-04/21/59	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/59-04/21/59	1	347.	347.	347.	347.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/59-04/21/59	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/59-04/21/59	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/21/59-04/21/59	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/21/59-04/21/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/21/59-04/21/59	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/21/59-04/21/59	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	04/21/59-04/21/59	1	76.	76.	76.	76.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	04/21/59-04/21/59	1	89.	89.	89.	89.	0.	0.	**	**	**	**
09503	RADIUM 226, DISSOLVED	04/21/59-04/21/59	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	04/21/59-04/21/59	1	87.	87.	87.	87.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/59-04/21/59	1	679.	679.	679.	679.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/59-04/21/59	1	665.	665.	665.	665.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/59-04/21/59	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/21/59-04/21/59	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	1	1.00							1	1	1.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0052

NPS Station ID: GLCA0052
LAT/LON: 37.180281/-110.047226
Agency: 112WRD
Date Created: 03/27/82
Location: (D-41-17)33BDC-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371049110025001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/54-09/23/68	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/17/54-09/17/54	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/54-09/23/68	2	531.5	531.5	538.	525.	84.5	9.192	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/54-09/17/54	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/17/54-09/17/54	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/17/54-09/17/54	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/17/54-09/17/54	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/54-09/17/54	1	238.	238.	238.	238.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/54-09/17/54	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/54-09/17/54	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/54-09/17/54	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/17/54-09/17/54	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/17/54-09/17/54	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/17/54-09/17/54	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/54-09/17/54	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/54-09/17/54	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/54-09/17/54	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/54-09/17/54	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/54-09/17/54	1	328.	328.	328.	328.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/54-09/17/54	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0053

NPS Station ID: GLCA0053
LAT/LON: 37.180559/-110.893616
Agency: 12TAWI
Date Created: 09/03/76
Location: LAKE POWELL-SAN JUAN ARM ENTRANC
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP004
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 999
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14070001001
RF1 Mile Point: 0.860
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
060 DEG, 150M FM SMALL ISLAND GUARDING ENTRANCE TO SAN JUAN ARM. ISLAND IS JUST OFF LARGE PENINSULA MASS AT FORK OF SJ-COLORADO RIVERS.

Parameter Inventory for Station: GLCA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	28	8.55	11.018	23.3	6.2	29.482	5.43	6.75	7.625	11.975	23.02
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-04/04/77	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	3	3651.3	3657.2	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/04/77-04/07/77	11	0.4	0.482	1.1	0.2	0.086	0.293	0.22	0.3	0.5	1.08
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/04/77-04/07/77	2	366.	366.	384.	348.	648.	25.456	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	28	538.	556.179	770.	415.	12518.745	111.887	435.	446.25	626.5	760.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	23	747.	749.217	935.	629.	5904.996	76.844	643.4	704.	786.	881.8
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/04/77-04/04/77	10	11.45	10.93	12.1	8.7	1.705	1.306	8.71	9.7	12.	12.09
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	24	8.7	9.125	12.8	7.4	1.707	1.307	8.	8.05	10.05	10.95
00400	PH (STANDARD UNITS)	04/04/77-04/04/77	10	8.6	8.53	8.6	8.3	0.011	0.106	8.31	8.475	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/04/77-04/04/77	10	8.6	8.517	8.6	8.3	0.011	0.107	8.31	8.475	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/77-04/04/77	10	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.005
00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/04/77	18	8.2	8.189	8.6	7.4	0.075	0.274	7.76	8.1	8.325	8.51
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-04/04/77	18	8.2	8.082	8.6	7.4	0.087	0.295	7.76	8.1	8.325	8.51
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/04/77	18	0.006	0.008	0.04	0.003	0.	0.008	0.003	0.005	0.008	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	24	125.5	126.25	144.	117.	67.848	8.237	117.5	120.25	127.	143.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	24 ##	0.01	0.016	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	24	0.2	0.233	1.5	0.1	0.08	0.282	0.1	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	24	0.38	0.416	0.67	0.26	0.012	0.11	0.265	0.365	0.49	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	24	0.008	0.007	0.013	0.001	0.	0.003	0.004	0.005	0.009	0.012
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/77-04/07/77	11	0.003	0.004	0.006	0.001	0.	0.002	0.001	0.003	0.005	0.006
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	23 ##	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.002	0.003
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/04/77	2	4.65	4.65	7.5	1.8	16.245	4.031	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	3	999.	999.	999.	999.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/07/77	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00							11	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	10	0	0.00							10	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	24	0	0.00							11	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00							10	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00							10	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	18	0	0.00							6	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	18	0	0.00							6	0	0.00	12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00							11	0	0.00	13	0	0.00

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

Station Inventory for Station: GLCA0054

NPS Station ID: GLCA0054
LAT/LON: 37.181948/-110.775005
Agency: 12TAWI
Date Created: 05/20/77
Location: SAN JUAN RIVER/ARM
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP005
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205001
RF1 Mile Point: 8.850
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
SAMPLE FM SPRING AT WILSON CREEK COVE

Parameter Inventory for Station: GLCA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/77-03/31/77	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	03/31/77-03/31/77	1	3651.3	3651.3	3651.3	3651.3	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/77-03/31/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/31/77-03/31/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/31/77-03/31/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/77-03/31/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/77-03/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	03/31/77-03/31/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0055

NPS Station ID: GLCA0055 LAT/LON: 37.184170/-110.652781 Agency: 12TAWI Date Created: 09/03/76
Location: NESKAHI WASH. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP024
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 85 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205005 RF1 Mile Point: 0.350 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ABOUT 200M INTO NESHKAHI WASH. SLIGHTLY S OF SIDE GULLY ON W SHORE, ABOUT 20M FM E CLIFF SIDE. DUE S TO SMALL PT (ROCK LEDGE OR CLIFF) ON W SHORE. 300 DEG TO PT ON W SIDE TOWARD MAIN LAKE, 290 DEG. TO LAST VISIBLE PT ON E SHORE.

Parameter Inventory for Station: GLCA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-06/11/76	9	21.	17.511	21.5	10.3	24.704	4.97	10.3	11.65	21.5	21.5
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-06/11/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-06/11/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-06/11/76	7	694.	681.286	726.	579.	2227.238	47.194	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	24.6	24.6	24.6	24.6	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-06/11/76	9	7.4	7.2	7.8	6.5	0.343	0.585	6.5	6.6	7.8	7.8
00300	OXYGEN, DISSOLVED MG/L	06/11/76-06/11/76	7	8.	7.714	8.	6.6	0.265	0.515	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/76-06/11/76	9	8.9	8.767	9.2	8.2	0.113	0.335	8.2	8.45	9.	9.2
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-06/11/76	9	8.9	8.641	9.2	8.2	0.13	0.361	8.2	8.45	9.	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	9	0.001	0.002	0.006	0.001	0.	0.002	0.001	0.001	0.004	0.006
00403	PH, LAB, STANDARD UNITS SU	06/11/76-06/11/76	7	8.3	8.286	8.6	7.9	0.051	0.227	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-06/11/76	7	8.3	8.233	8.6	7.9	0.055	0.234	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-06/11/76	7	0.005	0.006	0.013	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-06/11/76	7	113.	114.429	119.	112.	10.286	3.207	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-06/11/76	7	0.02	0.03	0.05	0.02	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-06/11/76	7	0.4	0.357	0.4	0.3	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-06/11/76	7	0.24	0.263	0.34	0.23	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-06/11/76	7	0.01	0.01	0.013	0.009	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-06/11/76	6 ##	0.001	0.002	0.009	0.001	0.	0.003	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-06/11/76	1	85.	85.	85.	85.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/11/76-06/11/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	9	0	0.00										9	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00										7	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	9	3	0.33										9	3	0.33
		Other-Lo Lim.	6.5	9	0	0.00										9	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00

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

Station Inventory for Station: GLCA0056

NPS Station ID: GLCA0056
LAT/LON: 37.184726/-110.866115
Agency: 12TAWI
Date Created: 09/03/76
Location: GOOSENECK BEND.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 999
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205001
RF1 Mile Point: 2.110
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
HALFWAY DOWN 1ST LOOP OF SAN JUAN ARM EAST OF COLORADO RIVER. BEFORE THE CANYON SWINGS OPEN TO RIGHT (S) FOR BOTTOM LOOP.

Parameter Inventory for Station: GLCA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-03/30/77	25	8.9	11.484	24.2	6.5	33.893	5.822	6.8	7.95	14.2	23.74
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-03/30/77	2	50.65	50.65	76.	25.3	1285.245	35.85	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	3	3651.3	3657.2	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-04/07/77	11	0.3	0.318	0.6	0.2	0.012	0.108	0.2	0.3	0.3	0.56
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/30/77-04/07/77	2	384.	384.	420.	348.	2592.	50.912	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/07/77	30	522.5	547.067	770.	415.	11977.03	109.44	422.8	435.	619.	755.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	24	762.5	752.625	934.	629.	5390.505	73.42	656.5	696.5	778.75	878.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/30/77-03/30/77	12	10.15	9.783	10.8	8.2	1.094	1.046	8.23	8.6	10.7	10.8
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	25	9.	8.856	10.5	7.	1.127	1.061	7.6	7.8	10.	10.2
00400	PH (STANDARD UNITS)	03/30/77-03/30/77	12	8.3	8.333	8.6	8.2	0.013	0.115	8.2	8.225	8.4	8.54
00400	CONVERTED PH (STANDARD UNITS)	03/30/77-03/30/77	12	8.3	8.32	8.6	8.2	0.014	0.116	8.2	8.225	8.4	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/30/77-03/30/77	12	0.005	0.005	0.006	0.003	0.	0.001	0.003	0.004	0.006	0.006
00403	PH, LAB, STANDARD UNITS SU	06/09/76-03/30/77	19	8.1	8.037	8.6	7.3	0.106	0.325	7.5	7.8	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-03/30/77	19	8.1	7.91	8.6	7.3	0.123	0.35	7.5	7.8	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-03/30/77	19	0.008	0.012	0.05	0.003	0.	0.011	0.003	0.005	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	24	127.	127.375	142.	116.	53.027	7.282	119.	122.25	131.	141.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	24 ##	0.01	0.014	0.04	0.01	0.	0.008	0.01	0.01	0.02	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	24 ##	0.1	0.108	0.2	0.1	0.001	0.028	0.1	0.1	0.1	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	24	0.385	0.412	0.63	0.25	0.012	0.108	0.255	0.335	0.495	0.585
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	23	0.009	0.008	0.013	0.003	0.	0.002	0.004	0.006	0.009	0.011
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/30/77-04/07/77	11	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.002	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	21 ##	0.001	0.002	0.008	0.001	0.	0.002	0.001	0.001	0.002	0.005
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-03/30/77	2	52.	52.	98.	6.	4232.	65.054	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	3	999.	772.667	999.	320.	153680.333	392.021	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/07/77	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00							11	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	0	0.00							12	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	25	0	0.00							12	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	12	0	0.00							12	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00							12	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	19	0	0.00							6	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	19	0	0.00							6	0	0.00	13	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00							11	0	0.00	13	0	0.00

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

Station Inventory for Station: GLCA0057

NPS Station ID: GLCA0057
LAT/LON: 37.184726/-111.366671
Agency: 112WRD
Date Created: 02/28/78
Location: (D-42- 5) 4DA -S SEEP NR MOU LST CHNCE CR
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371105111220001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/31/74-05/31/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/31/74-05/31/74	1	4160.	4160.	4160.	4160.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/31/74-05/31/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/31/74-05/31/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/31/74-05/31/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/31/74-05/31/74	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/31/74-05/31/74	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/31/74-05/31/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/31/74-05/31/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/31/74-05/31/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/31/74-05/31/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/31/74-05/31/74	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/31/74-05/31/74	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/74-05/31/74	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/74-05/31/74	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/74-05/31/74	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/31/74-05/31/74	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/31/74-05/31/74	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/74-05/31/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/31/74-05/31/74	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/74-05/31/74	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/31/74-05/31/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/31/74-05/31/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/31/74-05/31/74	1	590.	590.	590.	590.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/31/74-05/31/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/74-05/31/74	1	180.	180.	180.	180.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/31/74-05/31/74	1	3520.	3520.	3520.	3520.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/31/74-05/31/74	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/31/74-05/31/74	1	4.79	4.79	4.79	4.79	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: GLCA0058

NPS Station ID: GLCA0058
LAT/LON: 37.185837/-110.556948
Agency: 112WRD
Date Created: 04/24/82
Location: (D-41-12)35BBB-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371109110332501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/23/57-11/23/57	1	1220.	1220.	1220.	1220.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/23/57-11/23/57	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/23/57-11/23/57	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/57-11/23/57	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/23/57-11/23/57	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/23/57-11/23/57	1	306.	306.	306.	306.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/23/57-11/23/57	1	373.	373.	373.	373.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/23/57-11/23/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/23/57-11/23/57	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/57-11/23/57	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/23/57-11/23/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/23/57-11/23/57	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/23/57-11/23/57	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/23/57-11/23/57	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/23/57-11/23/57	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	11/23/57-11/23/57	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/57-11/23/57	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/23/57-11/23/57	1	344.	344.	344.	344.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/23/57-11/23/57	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/23/57-11/23/57	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/23/57-11/23/57	1	840.	840.	840.	840.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/23/57-11/23/57	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GLCA0059

NPS Station ID: GLCA0059 LAT/LON: 37.186115/-110.699449 Agency: 12TAWI Date Created: 09/03/76
Location: NESKAHI WASH AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP021
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 218 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205016 RF1 Mile Point: 0.550 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
CENTER OF 3 SITE TRANSECT CROSS CHANNEL ABOUT MIDWAY BETWEEN PIUTE AND NESKAHI CANYONS. IN MIDDLE OF WATER BODY 1/2 WAY BETWEEN S AND N SHORES.

Parameter Inventory for Station: GLCA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/07/77	23	9.3	12.522	23.8	7.7	33.045	5.748	7.84	8.3	16.	23.64
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	1	26.9	26.9	26.9	26.9	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/07/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	10	1.3	1.39	3.	0.3	0.71	0.843	0.32	0.725	2.	2.93
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/77-04/07/77	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-04/07/77	23	550.	581.87	700.	510.	3916.391	62.581	515.8	528.	640.	685.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-04/07/77	23	730.	738.13	939.	683.	3016.028	54.918	687.4	704.	741.	813.6
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-04/07/77	23	8.2	8.283	10.8	4.4	2.071	1.439	6.28	7.6	9.5	10.24
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-04/07/77	23	115.	116.826	143.	108.	60.514	7.779	111.4	113.	117.	131.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-04/07/77	24	0.03	0.041	0.38	0.01	0.005	0.074	0.01	0.01	0.04	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-04/07/77	23 ##	0.1	0.152	0.3	0.1	0.007	0.085	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-04/07/77	23	0.43	0.42	0.61	0.22	0.014	0.118	0.224	0.31	0.49	0.582
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-04/07/77	20	0.009	0.009	0.016	0.003	0.	0.004	0.004	0.006	0.011	0.015
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	10	0.003	0.003	0.007	0.002	0.	0.002	0.002	0.002	0.004	0.007
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-04/07/77	19 ##	0.001	0.003	0.013	0.001	0.	0.004	0.001	0.001	0.003	0.01
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/07/77-04/07/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/07/77	2	211.5	211.5	218.	205.	84.5	9.192	**	**	**	**
85281	INVALID PARAMETER	06/10/76-04/07/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00							10	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	23	0	0.00							10	0	0.00	13	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00							10	0	0.00	13	0	0.00

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

Station Inventory for Station: GLCA0060

NPS Station ID: GLCA0060 LAT/LON: 37.191670/-110.699449 Agency: 12TAWI Date Created: 09/03/76
Location: NESKAHI WASH AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP020
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 208 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205008 RF1 Mile Point: 24.690 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
NORTHERNMOST OF TRANSECT OF 3 SITES IN OPEN AREA BEFORE RIVER STARTS DOWNSTREAM LOOPING AGAIN. ABOUT 75M FM N SHORE OPPOSITE SOUTHERN POINT.
GENERAL AREA OF TRANSECT ABOUT 1/2 WAY BETWEEN PIUTE AND NESKAHI CANYONS.

Parameter Inventory for Station: GLCA0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	13	12.4	14.762	23.6	8.	44.339	6.659	8.	8.35	22.35	23.6
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-06/10/76	13	610.	603.462	690.	510.	4797.436	69.264	514.	535.	675.	690.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	13	715.	722.462	864.	651.	3293.269	57.387	659.4	677.5	736.5	838.8
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	13	7.6	7.477	9.	5.	1.217	1.103	5.56	6.8	8.3	8.92
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	13	116.	118.077	136.	111.	65.91	8.119	111.8	113.	121.5	134.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	13	0.03	0.037	0.07	0.02	0.	0.015	0.02	0.025	0.05	0.062
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	13 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	13	0.39	0.395	0.59	0.22	0.02	0.14	0.22	0.26	0.53	0.586
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	7	0.023	0.032	0.058	0.012	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	7	0.012	0.016	0.034	0.007	0.	0.009	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	1	208.	208.	208.	208.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/10/76-06/10/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	13	0	0.00										13	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00										13	0	0.00

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

Station Inventory for Station: GLCA0061

NPS Station ID: GLCA0061 | LAT/LON: 37.197781/-110.886670 | Agency: 12TAWI | Date Created: 09/03/76
Location: LAKE POWELL UPSTREAM | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP002
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 | Depth of Water: 120 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14070001001 | RF1 Mile Point: 2.110 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 140700010000106.79 | RF3 Mile Point: 6.92 | Distance from RF3: 0.06 | On/Off RF3:
Description:
N OF FAT PENINUSLA TO WEST, N OF ENTRANCE TO SAN JUAN ARM. DIRECTLY FACING BLACK BUOY TO S ABOUT 200 YDS.

Parameter Inventory for Station: GLCA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/06/77	21	9.9	12.595	23.7	7.1	33.331	5.773	7.48	8.65	17.05	23.34
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/09/76-06/09/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/06/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	10	0.35	0.51	1.3	0.3	0.123	0.351	0.3	0.3	0.625	1.27
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/06/77-04/06/77	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/76-04/06/77	21	580.	619.381	775.	538.	7557.148	86.932	540.	546.	702.5	769.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/06/77	19	762.	768.474	935.	699.	4093.596	63.981	704.	715.	785.	905.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	79.6	79.6	79.6	79.6	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/06/77	20	8.8	8.67	10.	7.	0.86	0.927	7.24	8.	9.65	9.98
00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/06/77	9	8.2	8.211	8.6	7.8	0.061	0.247	7.8	8.05	8.4	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-04/06/77	9	8.2	8.15	8.6	7.8	0.065	0.256	7.8	8.05	8.4	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/06/77	9	0.006	0.007	0.016	0.003	0.	0.004	0.003	0.004	0.009	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/06/77	21	132.	132.905	149.	118.	42.49	6.518	126.2	130.	135.	144.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/06/77	21 ##	0.01	0.029	0.32	0.01	0.005	0.068	0.01	0.01	0.01	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/06/77	20 ##	0.1	0.17	0.4	0.1	0.011	0.103	0.1	0.1	0.2	0.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/06/77	21	0.39	0.413	0.66	0.24	0.015	0.123	0.26	0.335	0.495	0.624
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/06/77	19	0.007	0.007	0.01	0.001	0.	0.003	0.002	0.005	0.008	0.009
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	12	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.008	0.009
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/06/77	20 ##	0.002	0.003	0.017	0.001	0.	0.004	0.001	0.001	0.003	0.008
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/06/77	2	4.15	4.15	6.2	2.1	8.405	2.899	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/06/77	2	559.5	559.5	999.	120.	386320.5	621.547	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/06/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00							10	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	20	0	0.00							11	0	0.00	9	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	9	0	0.00										9	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00										9	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00							12	0	0.00	9	0	0.00

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

Station Inventory for Station: GLCA0062

NPS Station ID: GLCA0062 | LAT/LON: 37.198616/-110.566116 | Agency: 12TAWI | Date Created: 09/03/76
Location: NOKAI ARM | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP033
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 44 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205006 | RF1 Mile Point: 0.950 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
UP NOKAI ARM IN MIDCHANNEL WHERE SLOPE ON W SIDE STARTS TO FLATTEN OUT. LARGE SNAG IN CENTER OF CHANNEL. DUE W TO WHERE FLAT TABULAR OUTCROP MEETS THE H2O, DUE E TO WHERE RED OUTCROP MEETS BRUSH COVERED AREAS.

Parameter Inventory for Station: GLCA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/07/77	13	13.2	15.1	22.	9.1	29.405	5.423	9.14	9.6	20.85	22.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/07/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-04/07/77	2	156.	156.	252.	60.	18432.	135.765	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	7	445.	453.571	485.	440.	314.286	17.728	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	6	630.	622.833	715.	503.	4970.567	70.502	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-04/07/77	13	12.3	9.692	13.7	2.6	18.839	4.34	3.	5.95	13.6	13.7
00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	5	4.8	5.04	7.2	2.	4.148	2.037	**	**	**	**
00400	PH (STANDARD UNITS)	06/10/76-06/10/76	6	8.6	8.683	9.2	8.3	0.138	0.371	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/10/76-06/10/76	6	8.555	8.569	9.2	8.3	0.153	0.392	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-06/10/76	6	0.003	0.003	0.005	0.001	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/10/76-04/07/77	13	8.3	8.223	8.6	7.5	0.102	0.319	7.62	8.	8.45	8.56
00403	CONVERTED PH, LAB, STANDARD UNITS	06/10/76-04/07/77	13	8.3	8.092	8.6	7.5	0.12	0.347	7.62	8.	8.45	8.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-04/07/77	13	0.005	0.008	0.032	0.003	0.	0.008	0.003	0.004	0.01	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	6	103.	104.167	118.	92.	88.967	9.432	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	6	0.055	0.058	0.08	0.04	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	6	0.23	0.258	0.38	0.18	0.007	0.086	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	6	0.032	0.031	0.034	0.023	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	6 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/07/77	2	42.25	42.25	44.	40.5	6.125	2.475	**	**	**	**
85281	INVALID PARAMETER	06/10/76-04/07/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	13	2	0.15							7	0	0.00	6	2	0.33

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

EPA Water Quality Criteria Analysis for Station: GLCA0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	1	0.20										5	1	0.20
00400	PH	Other-Hi Lim.	9.	6	2	0.33										6	2	0.33
		Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00							7	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00							7	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00										6	0	0.00

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

Station Inventory for Station: GLCA0063

NPS Station ID: GLCA0063 LAT/LON: 37.201392/-110.818892 Agency: 12TAWI Date Created: 09/03/76
Location: CHA CANYON AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP012
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 999 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
N OF CHA CANYON IN CENTER OF OPEN WATER. JUST E OF SERIES OF RIVER BENDS THAT LEAD TO COLORADO RIVER.

Parameter Inventory for Station: GLCA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-04/07/77	41	9.2	10.866	22.4	7.	19.364	4.4	7.3	8.	11.	21.5
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/11/76-03/30/77	2	46.7	46.7	73.	20.4	1383.38	37.194	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-04/07/77	4	3654.15	3657.4	3670.	3651.3	77.78	8.819	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/30/77-04/07/77	12	0.4	0.433	0.8	0.2	0.032	0.178	0.2	0.3	0.575	0.74
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/06/76-04/07/77	3	324.	282.	360.	162.	11124.	105.47	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/11/76-04/07/77	41	455.	520.561	735.	415.	9553.452	97.742	432.	452.5	585.	715.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-04/07/77	25	750.	769.36	984.	683.	5157.823	71.818	694.	736.	774.5	898.4
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/30/77-03/30/77	10	11.15	10.91	12.	8.4	1.21	1.1	8.56	10.3	11.7	12.
00300	OXYGEN, DISSOLVED MG/L	06/11/76-04/07/77	23	9.	8.704	10.2	6.4	1.128	1.062	7.4	8.	9.5	10.2
00400	PH (STANDARD UNITS)	12/06/76-03/30/77	22	8.2	8.25	8.7	7.6	0.066	0.258	7.93	8.1	8.425	8.6
00400	CONVERTED PH (STANDARD UNITS)	12/06/76-03/30/77	22	8.2	8.171	8.7	7.6	0.073	0.27	7.93	8.1	8.425	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/76-03/30/77	22	0.006	0.007	0.025	0.002	0.	0.005	0.003	0.004	0.008	0.012
00403	PH, LAB, STANDARD UNITS SU	12/06/76-03/30/77	7	8.2	8.157	8.3	7.8	0.03	0.172	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/76-03/30/77	7	8.2	8.123	8.3	7.8	0.031	0.176	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/76-03/30/77	7	0.006	0.008	0.016	0.005	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-04/07/77	26	122.	123.269	147.	109.	76.045	8.72	115.	117.75	126.	137.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-04/07/77	26 ##	0.01	0.018	0.05	0.01	0.	0.012	0.01	0.01	0.023	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-04/07/77	26 ##	0.1	0.146	0.4	0.1	0.007	0.086	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-04/07/77	26	0.4	0.433	0.81	0.25	0.019	0.136	0.25	0.355	0.498	0.646
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-04/07/77	26	0.009	0.018	0.196	0.002	0.001	0.037	0.003	0.006	0.012	0.029
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/76-04/07/77	14	0.005	0.006	0.013	0.001	0.	0.003	0.002	0.003	0.008	0.012
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-04/07/77	25 ##	0.001	0.002	0.011	0.001	0.	0.003	0.001	0.001	0.003	0.007
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/30/77-03/30/77	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-04/07/77	3	999.	749.333	999.	250.	187000.333	432.435	**	**	**	**
85281	INVALID PARAMETER	06/11/76-04/07/77	4	11.5	11.5	12.	11.	0.333	0.577	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00							12	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	10	0	0.00							10	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	23	0	0.00							10	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	22	0	0.00				12	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00				12	0	0.00	10	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00				1	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				1	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00				1	0	0.00	13	0	0.00	12	0	0.00

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

Station Inventory for Station: GLCA0064

NPS Station ID: GLCA0064
LAT/LON: 37.202226/-110.524170
Agency: 12TAWI
Date Created: 09/03/76
Location: COPPER CANYON
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP034
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 70
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
COPPER CANYON-LONG NARROW ARM ON S SIDE-CENTER OF CHANNEL BEFORE ARM BENDS. 10M FM PT ON W SIDE, 20M TO E SIDE. PT ON NW SIDE DUE NW FM SITE, OUTCROP OF NO MANS MESA DUE SE FM SITE TO WHERE IT DISAPPEARS INTO GROUND HORIZON.

Parameter Inventory for Station: GLCA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	17	15.	15.747	24.3	9.	24.643	4.964	9.8	11.15	19.75	23.66
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	6	457.5	462.5	480.	450.	147.5	12.145	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	8	535.5	603.625	801.	488.	18305.696	135.299	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	46.7	46.7	46.7	46.7	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/07/77	17	8.8	10.235	14.4	7.8	8.051	2.837	7.8	7.95	13.95	14.32
00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	8	8.05	7.263	8.6	0.8	6.886	2.624	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/76-04/07/77	17	7.2	5.559	8.4	0.9	9.04	3.007	1.3	2.15	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	06/09/76-04/07/77	17	7.2	1.938	8.4	0.9	22.967	4.792	1.3	2.15	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/07/77	17	0.063	11523.926	125892.541	0.004	969377465.007	31134.827	0.004	0.004	8285.163	57027.082
00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	8	6.1	5.313	7.9	1.8	6.347	2.519	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-06/09/76	8	5.494	2.592	7.9	1.8	14.805	3.848	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-06/09/76	8	3.205	2558.431	15848.932	0.013	30724452.61	5542.964	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	8	101.	106.25	128.	92.	230.214	15.173	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	8	0.06	0.049	0.06	0.02	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	8	0.3	0.275	0.4	0.2	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	8	0.355	0.388	0.62	0.19	0.036	0.189	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	8	0.032	0.033	0.044	0.026	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	8	0.005	0.006	0.01	0.002	0.	0.003	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-06/09/76	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	2	53.5	53.5	70.	37.	544.5	23.335	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/07/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	17	0	0.00							6	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	1	0.13										8	1	0.13
00400	PH	Other-Hi Lim.	9.	17	0	0.00							6	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	17	8	0.47							6	0	0.00	11	8	0.73
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00										8	0	0.00
		Other-Lo Lim.	6.5	8	4	0.50										8	4	0.50
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00										8	0	0.00

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

Station Inventory for Station: GLCA0065

NPS Station ID: GLCA0065
LAT/LON: 37.203059/-110.503893
Agency: 112WRD
Date Created: 07/17/82
Location: NR013.0021X0324
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371211110301401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/13/57-12/13/57	1	1720.	1720.	1720.	1720.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/13/57-12/13/57	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/13/57-12/13/57	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/57-12/13/57	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/13/57-12/13/57	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/57-12/13/57	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/13/57-12/13/57	1	259.	259.	259.	259.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/13/57-12/13/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/13/57-12/13/57	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/57-12/13/57	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/13/57-12/13/57	1	488.	488.	488.	488.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/13/57-12/13/57	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/13/57-12/13/57	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	12/13/57-12/13/57	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	12/13/57-12/13/57	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	12/13/57-12/13/57	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/57-12/13/57	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/57-12/13/57	1	788.	788.	788.	788.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/13/57-12/13/57	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/13/57-12/13/57	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/13/57-12/13/57	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/13/57-12/13/57	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00				1	1	1.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GLCA0066

NPS Station ID: GLCA0066
LAT/LON: 37.204448/-110.661670
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040813
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 160
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205019
RF1 Mile Point: 1.010
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	22	13.05	14.573	27.4	9.1	29.932	5.471	9.97	11.65	13.85	26.79
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-11/24/75	13	94.	96.308	100.	93.	8.731	2.955	93.4	94.	100.	100.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	3	96.	125.	204.	75.	4791.	69.217	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	22	565.	522.409	717.	379.	11749.015	108.393	382.5	410.5	605.5	651.8
00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	22	8.	7.809	9.8	4.2	2.032	1.426	5.72	7.15	9.25	9.54
00400	PH (STANDARD UNITS)	04/28/75-11/24/75	22	8.2	7.993	9.	7.	0.463	0.681	7.03	7.175	8.425	8.935
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-11/24/75	22	8.2	7.538	9.	7.	0.681	0.825	7.03	7.175	8.425	8.935
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-11/24/75	22	0.006	0.029	0.1	0.001	0.001	0.037	0.001	0.004	0.067	0.094
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	22	116.5	111.5	132.	75.	288.167	16.975	76.6	105.	122.25	130.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	22 ##	0.015	0.027	0.09	0.01	0.001	0.023	0.01	0.01	0.05	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	22 ##	0.1	0.177	0.7	0.1	0.019	0.138	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	22	0.4	0.366	0.66	0.01	0.034	0.186	0.023	0.29	0.47	0.635
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	22	0.012	0.07	1.22	0.007	0.066	0.257	0.007	0.009	0.02	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	16	0.002	0.003	0.01	0.	0.	0.002	0.001	0.002	0.003	0.008
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	3	1.7	2.5	4.5	1.3	3.04	1.744	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	3	145.	148.	160.	139.	117.	10.817	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	22	1	0.05	6	1	0.17	7	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00			

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

Station Inventory for Station: GLCA0067

NPS Station ID: GLCA0067
LAT/LON: 37.209726/-110.593060
Agency: 12TAWI
Date Created: 09/03/76
Location: ZAHN BAY.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP038
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 98
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205019
RF1 Mile Point: 15.570
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
JUST DOWNSTREAM FM VERY DISTINCT LARGE ISLAND AND 4 SMALL ONES. CENTER OF CHANNEL OPPOSITE LARGE RED PT JUTTING INTO THE LOWER BEND OF THE RIVER.

Parameter Inventory for Station: GLCA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/07/77	15	12.5	14.78	23.1	8.9	30.476	5.521	8.96	9.9	21.8	23.1
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/07/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	6	0.3	0.417	1.1	0.2	0.114	0.337	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/07/77	2	186.	186.	312.	60.	31752.	178.191	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/07/77	15	615.	592.533	830.	430.	21461.981	146.499	430.	440.	723.	788.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/07/77	14	748.5	717.5	827.	576.	7003.038	83.684	581.5	617.5	774.75	810.5
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/07/77-04/07/77	6	14.4	14.233	14.5	13.4	0.179	0.423	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/07/77	14	7.9	7.05	9.5	2.2	4.861	2.205	3.2	5.025	8.55	9.4
00400	PH (STANDARD UNITS)	04/07/77-04/07/77	7	8.5	8.514	8.7	8.4	0.015	0.121	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/77-04/07/77	7	8.5	8.5	8.7	8.4	0.015	0.122	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/77-04/07/77	7	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/07/77	14	8.1	8.079	8.5	7.6	0.054	0.233	7.7	7.975	8.225	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/07/77	14	8.1	8.02	8.5	7.6	0.058	0.241	7.7	7.975	8.225	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/07/77	14	0.008	0.01	0.025	0.003	0.	0.006	0.004	0.006	0.011	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/07/77	14	117.	114.429	128.	98.	104.264	10.211	99.	101.	122.5	126.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/07/77	14	0.03	0.027	0.05	0.01	0.	0.014	0.01	0.01	0.04	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/07/77	14	0.2	0.207	0.4	0.1	0.013	0.114	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/07/77	14	0.49	0.419	0.63	0.15	0.027	0.165	0.15	0.213	0.525	0.585
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/07/77	14	0.012	0.013	0.022	0.008	0.	0.005	0.008	0.009	0.019	0.022
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	6	0.004	0.006	0.013	0.004	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/07/77	13	0.003	0.003	0.006	0.001	0.	0.002	0.001	0.001	0.004	0.005
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/07/77	2	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/07/77	2	89.	89.	98.	80.	162.	12.728	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/07/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00							6	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	6	0	0.00							6	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	1	0.07							6	0	0.00	8	1	0.13
00400	PH	Other-Hi Lim.	9.	7	0	0.00							7	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00							7	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00							6	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	14	0	0.00							6	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00							6	0	0.00	8	0	0.00

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

Station Inventory for Station: GLCA0068

NPS Station ID: GLCA0068 LAT/LON: 37.215838/-110.686115 Agency: 12TAWI Date Created: 09/03/76
Location: NESKAHI WASH AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP025
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 185 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205008 RF1 Mile Point: 21.470 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
N OF NESKAHI WASH JUST DOWNSTREAM FM PT WHERE WATER OPENS UP BELOW THE GREAT BEND. MIDDLE OF CHANNEL DIRECTLY OFF FIRST PT OF LAND BELOW THE BEND. ISLAND AHEAD ABOUT 1 MILE.

Parameter Inventory for Station: GLCA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-04/06/77	20	10.	13.1	24.2	8.2	37.02	6.084	8.31	8.775	16.875	24.19
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/10/76-06/10/76	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-04/06/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	4	0.7	0.725	1.1	0.4	0.089	0.299	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/06/77-04/06/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/10/76-04/06/77	20	551.	580.9	700.	518.	4315.884	65.695	524.3	531.25	641.25	699.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-04/06/77	20	729.5	730.55	832.	662.	2135.103	46.207	663.	696.5	758.75	816.2
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	26.6	26.6	26.6	26.6	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-04/06/77	20	7.9	7.725	10.6	5.6	1.787	1.337	5.86	6.6	8.4	9.49
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-04/06/77	18	118.	115.389	125.	105.	42.605	6.527	105.	107.	120.	122.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-04/06/77	18	0.02	0.029	0.11	0.01	0.001	0.026	0.01	0.01	0.033	0.074
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-04/06/77	18 ##	0.1	0.156	0.8	0.1	0.027	0.165	0.1	0.1	0.125	0.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-04/06/77	18	0.42	0.387	0.56	0.18	0.014	0.117	0.189	0.335	0.47	0.524
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-04/06/77	13	0.009	0.02	0.167	0.003	0.002	0.044	0.003	0.003	0.012	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	7	0.004	0.004	0.006	0.002	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-04/06/77	12 ##	0.001	0.002	0.011	0.001	0.	0.003	0.001	0.001	0.002	0.009
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/10/76-04/06/77	2	3.1	3.1	4.7	1.5	5.12	2.263	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-04/06/77	2	147.5	147.5	185.	110.	2812.5	53.033	**	**	**	**
85281	INVALID PARAMETER	06/10/76-04/06/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	20	0	0.00							8	0	0.00	12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00							7	0	0.00	11	0	0.00

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

Station Inventory for Station: GLCA0069

NPS Station ID: GLCA0069 | LAT/LON: 37.217227/-110.607782 | Agency: 12TAWI | Date Created: 09/03/76
Location: GREAT BEND.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP030
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 55 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN SPENCER CAMP- | ECO Region:
RF1 Index: 14080205019 | RF1 Mile Point: 14.310 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN SMALL BAY NEAR ENTRANCE TO GREAT BEND ON E SHORE. 160 DEG. TO SMALL PT BETWEEN DOUBLE INLET TO E, 060 DEG. TO N EDGE OF DOUBLE MESA ON E SKYLINE, 190 DEG. TO GREEN AND BLUE OUTCROP OF CHINILE FORMATION 1/2 WAY UP W HILL.
6/10/76 ON EDGE OF PRECIPICE, DEPTH VARIES 20 FT AS BOAT SWINGS ON

Parameter Inventory for Station: GLCA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	7	21.	19.643	22.5	14.	13.31	3.648	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-06/10/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	6	571.	583.667	704.	525.	4055.467	63.683	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	40.5	40.5	40.5	40.5	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-06/10/76	7	5.9	5.8	7.6	3.4	3.31	1.819	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	6	5.2	5.6	7.6	3.6	2.816	1.678	**	**	**	**
00400	PH (STANDARD UNITS)	06/10/76-06/10/76	7	8.4	8.514	8.9	8.2	0.081	0.285	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/10/76-06/10/76	7	8.4	8.44	8.9	8.2	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-06/10/76	7	0.004	0.004	0.006	0.001	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/10/76-06/10/76	6	8.15	8.133	8.3	7.9	0.027	0.163	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/10/76-06/10/76	6	8.147	8.107	8.3	7.9	0.027	0.166	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-06/10/76	6	0.007	0.008	0.013	0.005	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	6	102.	105.5	121.	100.	63.9	7.994	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	6	0.05	0.047	0.06	0.02	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	6	0.21	0.275	0.53	0.16	0.022	0.148	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	6	0.023	0.023	0.035	0.011	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	6	0.003	0.002	0.003	0.001	0.	0.001	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	1	55.	55.	55.	55.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/10/76-06/10/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	2	0.29										7	2	0.29
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	1	0.17										6	1	0.17
00400	PH	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00										6	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00										6	0	0.00

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

Station Inventory for Station: GLCA0070

NPS Station ID: GLCA0070 | LAT/LON: 37.222226/-110.523616 | Agency: 12TAWI | Date Created: 09/03/76
Location: COPPER CANYON-CASTLE CREEK AREA | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP035
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 70 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205006 | RF1 Mile Point: 4.410 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
BETWEEN COPPER AND CASTLE CREEK CANYONS, MIDCHANNEL. LANDING STRIP ABOUT 1 MILE DOWNSTREAM ON N SHORE. IN 2ND SET OF NARROWS AFTER 2ND LARGE OPEN AREA OF RIVER.

Parameter Inventory for Station: GLCA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	19	10.	13.689	24.5	8.9	32.847	5.731	9.	9.	18.8	23.6
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	3	3651.3	3657.2	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	10	0.4	0.55	1.4	0.3	0.132	0.363	0.3	0.3	0.625	1.36
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	3	108.	92.	120.	48.	1488.	38.575	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	19	460.	516.053	730.	420.	9534.942	97.647	425.	445.	580.	720.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	17	777.	732.294	856.	523.	13165.971	114.743	535.8	619.	811.	840.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	46.7	46.7	46.7	46.7	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	12	11.95	12.067	12.8	11.4	0.235	0.485	11.46	11.625	12.5	12.8
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	17	9.6	8.171	10.6	2.	8.232	2.869	2.64	6.7	10.2	10.28
00400	PH (STANDARD UNITS)	04/06/77-04/06/77	12	8.4	8.4	8.6	8.2	0.02	0.141	8.2	8.3	8.55	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/06/77-04/06/77	12	8.4	8.379	8.6	8.2	0.02	0.143	8.2	8.3	8.55	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/77-04/06/77	12	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	16	8.3	8.231	8.4	7.8	0.046	0.215	7.8	8.125	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/06/77	16	8.3	8.173	8.4	7.8	0.05	0.223	7.8	8.125	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/06/77	16	0.005	0.007	0.016	0.004	0.	0.004	0.004	0.004	0.008	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	16	119.5	114.688	130.	93.	150.496	12.268	94.4	101.25	124.	127.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	16	0.025	0.026	0.06	0.01	0.	0.017	0.01	0.01	0.038	0.053
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	16	0.2	0.225	0.3	0.1	0.006	0.077	0.1	0.2	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	16	0.575	0.547	0.8	0.18	0.049	0.221	0.187	0.338	0.755	0.793
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	16	0.018	0.024	0.115	0.012	0.001	0.025	0.012	0.013	0.026	0.056
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/06/77	9	0.005	0.005	0.009	0.003	0.	0.002	0.003	0.004	0.008	0.009
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	16 ##	0.001	0.002	0.005	0.001	0.	0.002	0.001	0.001	0.005	0.005
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	3	1.4	1.6	2.	1.4	0.12	0.346	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	3	53.	58.	70.	51.	109.	10.44	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/06/77	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00							10	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	0	0.00							12	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	3	0.18							10	0	0.00	7	3	0.43
00400	PH	Other-Hi Lim.	9.	12	0	0.00							12	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00							12	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	16	0	0.00							10	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	16	0	0.00							10	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00							9	0	0.00	7	0	0.00

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

Station Inventory for Station: GLCA0071

NPS Station ID: GLCA0071
LAT/LON: 37.228615/-111.060559
Agency: 112WRD
Date Created: 06/20/87
Location: (D-41- 8)20DBA-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371343111033801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070006
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/81-10/24/81	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/24/81-10/24/81	1	960.	960.	960.	960.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/81-10/24/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/81-10/24/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/81-10/24/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/24/81-10/24/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/24/81-10/24/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/81-10/24/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/24/81-10/24/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/24/81-10/24/81	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/24/81-10/24/81	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/24/81-10/24/81	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/24/81-10/24/81	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/24/81-10/24/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/24/81-10/24/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/81-10/24/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/24/81-10/24/81	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/24/81-10/24/81	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/24/81-10/24/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/24/81-10/24/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/24/81-10/24/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/24/81-10/24/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/24/81-10/24/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/24/81-10/24/81	1	633.	633.	633.	633.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GLCA0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0072

NPS Station ID: GLCA0072 LAT/LON: 37.229170/-110.534727 Agency: 12TAWI Date Created: 09/03/76
Location: CASTLE CREEK CANYON. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP036
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 55 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205007 RF1 Mile Point: 8.490 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ABOUT HALFWAY UP CASTLE CREEK CANYON. ISLAND DUE W, 240 DEG. TO EDGE OF NOKAI DOME CLIFF ON SKYLINE, 150 DEG. TO E EDGE OF NO MANS MESA CLIFF ON SKYLINE, 240 DEG. TO N EDGE OF MIKES MESA CLIFF.

Parameter Inventory for Station: GLCA0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/07/77	13	14.5	15.654	24.	8.9	28.128	5.304	8.94	11.15	21.	23.8
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/07/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/07/77	4	0.65	1.2	3.1	0.4	1.633	1.278	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-04/07/77	2	120.	120.	204.	36.	14112.	118.794	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/07/77-04/07/77	6	482.5	481.667	515.	450.	586.667	24.221	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/07/77	11	726.	657.364	802.	461.	20547.255	143.343	467.	499.	798.	801.2
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/07/77	13	7.8	8.262	13.2	0.8	21.481	4.635	0.88	4.	12.45	13.
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/07/77	11	7.2	6.655	9.8	1.6	9.785	3.128	1.6	3.6	9.6	9.76
00400	PH (STANDARD UNITS)	06/09/76-04/07/77	13	8.4	8.438	9.2	7.9	0.188	0.433	7.94	8.1	8.7	9.2
00400	CONVERTED PH (STANDARD UNITS)	06/09/76-04/07/77	13	8.4	8.287	9.2	7.9	0.212	0.461	7.94	8.1	8.7	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/07/77	13	0.004	0.005	0.013	0.001	0.	0.004	0.001	0.002	0.008	0.012
00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/07/77	11	8.1	8.182	8.6	7.9	0.06	0.244	7.92	8.	8.4	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-04/07/77	11	8.1	8.129	8.6	7.9	0.063	0.25	7.92	8.	8.4	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/07/77	11	0.008	0.007	0.013	0.003	0.	0.003	0.003	0.004	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/07/77	11	118.	109.364	123.	92.	193.455	13.909	92.	92.	123.	123.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/07/77	11	0.04	0.038	0.07	0.01	0.	0.021	0.01	0.01	0.06	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/07/77	11	0.2	0.209	0.4	0.1	0.015	0.122	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/07/77	11	0.57	0.471	0.74	0.18	0.046	0.215	0.18	0.19	0.65	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/07/77	11	0.028	0.028	0.056	0.009	0.	0.015	0.009	0.012	0.041	0.053
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/07/77	4	0.007	0.006	0.007	0.005	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/07/77	10	0.005	0.005	0.012	0.001	0.	0.004	0.001	0.001	0.008	0.012
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-04/07/77	2	2.6	2.6	4.2	1.	5.12	2.263	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/07/77	2	45.25	45.25	55.	35.5	190.125	13.789	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/07/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	13	3	0.23							6	0	0.00	7	3	0.43
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	3	0.27							4	0	0.00	7	3	0.43
00400	PH	Other-Hi Lim.	9.	13	3	0.23							6	0	0.00	7	3	0.43
		Other-Lo Lim.	6.5	13	0	0.00							6	0	0.00	7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00							4	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00							4	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00							4	0	0.00	7	0	0.00

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

Station Inventory for Station: GLCA0073

NPS Station ID: GLCA0073 | LAT/LON: 37.239448/-110.511116 | Agency: 12TAWI | Date Created: 09/03/76
Location: SAN JAUN ARM-MONITOR BUTTE AREA | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP029
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080205 | Depth of Water: 63 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205006 | RF1 Mile Point: 5.890 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
JUST ABOVE NARROWS IN LARGE OPEN BAY AREA. ABOUT 2 MILES UPSTREAM FM SITE 035. STRAIGHT OPEN PART OF RIVER.
6/8/76 LOTS OF DEBRIS, WOOD CHIPS, ETC. ON SURFACE.

Parameter Inventory for Station: GLCA0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	14	13.85	15.443	24.3	9.	37.644	6.135	9.05	9.35	22.625	24.25
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	5	1.	1.04	1.7	0.3	0.268	0.518	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	2	60.	60.	74.	46.	392.	19.799	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	14	515.	541.571	745.	460.	7739.187	87.973	465.	480.	559.	732.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	12	792.5	704.583	875.	487.	25077.356	158.358	491.2	523.75	826.	875.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	48.5	48.5	48.5	48.5	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	7	12.	11.571	12.	10.4	0.389	0.624	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	12	7.6	7.242	11.2	1.2	11.297	3.361	1.44	4.55	10.3	11.02
00400	PH (STANDARD UNITS)	04/06/77-04/06/77	7	8.4	8.386	8.5	8.2	0.018	0.135	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/06/77-04/06/77	7	8.4	8.367	8.5	8.2	0.019	0.136	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/77-04/06/77	7	0.004	0.004	0.006	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	12	8.3	8.15	8.4	7.6	0.061	0.247	7.66	8.	8.3	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/06/77	12	8.3	8.073	8.4	7.6	0.067	0.259	7.66	8.	8.3	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/06/77	12	0.005	0.008	0.025	0.004	0.	0.006	0.004	0.005	0.01	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	12	120.5	114.	136.	93.	227.636	15.088	93.	98.	125.	133.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	12	0.02	0.024	0.04	0.01	0.	0.013	0.01	0.01	0.04	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	12	0.3	0.25	0.4	0.	0.012	0.109	0.03	0.2	0.3	0.37
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	12	0.59	0.522	0.8	0.18	0.06	0.244	0.183	0.233	0.758	0.797
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	11	0.017	0.018	0.027	0.012	0.	0.004	0.013	0.015	0.02	0.026
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	5	0.006	0.005	0.007	0.	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	11	0.006	0.006	0.018	0.001	0.	0.005	0.001	0.001	0.008	0.016
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	2	1.65	1.65	1.9	1.4	0.125	0.354	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	2	54.	54.	63.	45.	162.	12.728	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/06/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00							5	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	0	0.00							7	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	12	2	0.17							5	0	0.00	7	2	0.29
00400	PH	Other-Hi Lim.	9.	7	0	0.00							7	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00							7	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00							5	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00							5	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00							5	0	0.00	7	0	0.00

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

Station Inventory for Station: GLCA0074

NPS Station ID: GLCA0074
LAT/LON: 37.240281/-110.628337
Agency: 12TAWI
Date Created: 09/03/76
Location: SPENCER CAMP AREA.
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SJLP037
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 130
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205008
RF1 Mile Point: 8.970
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
IN MIDCHANNEL UPSTREAM FM ENTRANCE TO GREAT BEND. SLIGHTLY UPSTREAM FM SPENCERS CAMP.

Parameter Inventory for Station: GLCA0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/08/77	19	11.5	13.558	23.9	8.5	33.351	5.775	8.8	9.	16.8	23.7
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/08/77	3	3651.3	3657.2	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/77-04/08/77	8	0.4	1.238	6.9	0.2	5.266	2.295	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/07/77	2	190.	190.	324.	56.	35912.	189.505	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/08/77	19	535.	536.842	678.	420.	10739.474	103.631	420.	435.	661.	670.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/08/77	17	744.	727.235	775.	635.	1793.316	42.348	656.6	699.	758.	774.2
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	38.2	38.2	38.2	38.2	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/07/77-04/07/77	6	13.4	13.267	13.6	12.4	0.207	0.455	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/08/77	17	8.4	7.953	9.2	5.	1.879	1.371	5.48	6.7	9.	9.2
00400	PH (STANDARD UNITS)	04/07/77-04/07/77	8	8.45	8.463	8.7	8.2	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/77-04/07/77	8	8.447	8.439	8.7	8.2	0.023	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/77-04/07/77	8	0.004	0.004	0.006	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/07/77	15	7.9	7.98	8.3	7.8	0.025	0.157	7.8	7.9	8.1	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/07/77	15	7.9	7.956	8.3	7.8	0.025	0.159	7.8	7.9	8.1	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/07/77	15	0.013	0.011	0.016	0.005	0.	0.003	0.006	0.008	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/08/77	17	115.	112.647	124.	97.	79.743	8.93	97.8	106.	119.	121.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/08/77	17 ##	0.01	0.021	0.04	0.01	0.	0.013	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/08/77	16	0.2	0.194	0.4	0.1	0.011	0.106	0.1	0.1	0.275	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/08/77	17	0.47	0.405	0.58	0.11	0.027	0.165	0.11	0.285	0.505	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/08/77	16	0.013	0.014	0.023	0.011	0.	0.003	0.011	0.011	0.015	0.019
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/07/77-04/08/77	8	0.004	0.004	0.005	0.004	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/08/77	17 ##	0.001	0.002	0.008	0.001	0.	0.002	0.001	0.001	0.003	0.004
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/07/77	2	3.05	3.05	5.6	0.5	13.005	3.606	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/08/77	3	95.	105.667	130.	92.	446.333	21.127	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/08/77	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	6	0	0.00							6	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00							8	0	0.00	9	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00							8	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00							8	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00							6	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00							6	0	0.00	9	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00							8	0	0.00	9	0	0.00

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

Station Inventory for Station: GLCA0075

NPS Station ID: GLCA0075
LAT/LON: 37.255559/-110.534727
Agency: 21UTAH
Date Created: 08/01/81
Location: CASTLE CK AT FORKS
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495290
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN DRAINAGE
ECO Region:
RF1 Index: 14080205038
RF1 Mile Point: 1.610
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0075

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

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

Station Inventory for Station: GLCA0076

NPS Station ID: GLCA0076 LAT/LON: 37.256115/-110.442226 Agency: 12TAWI Date Created: 09/03/76
Location: PIUTE FARMS FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE024
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 45 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205006 RF1 Mile Point: 11.180 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
IN PIUTE FARMS WASH EMBAYMENT BETWEEN PTS. 75M FM SMALL ISLAND WHICH BEARS 060 DEGREES FM SITE.

Parameter Inventory for Station: GLCA0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	12	15.95	16.133	24.5	9.8	30.002	5.477	9.92	10.825	21.375	24.35
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	5	4.	4.22	5.1	3.9	0.257	0.507	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	6	552.5	559.167	600.	530.	704.167	26.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	11	635.	709.909	928.	500.	41740.491	204.305	500.2	501.	914.	928.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	54.2	54.2	54.2	54.2	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	12	9.55	8.617	12.7	0.5	17.089	4.134	1.19	5.725	12.275	12.64
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	11	7.8	7.082	10.3	2.	7.912	2.813	2.28	5.2	9.6	10.22
00400	PH (STANDARD UNITS)	06/08/76-04/05/77	12	8.4	8.408	9.	7.7	0.154	0.392	7.76	8.2	8.675	9.
00400	CONVERTED PH (STANDARD UNITS)	06/08/76-04/05/77	12	8.4	8.248	9.	7.7	0.182	0.426	7.76	8.2	8.675	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	12	0.004	0.006	0.02	0.001	0.	0.005	0.001	0.002	0.006	0.018
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	11	8.3	8.173	8.5	7.7	0.096	0.31	7.72	7.8	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/05/77	11	8.3	8.069	8.5	7.7	0.108	0.329	7.72	7.8	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	11	0.005	0.009	0.02	0.003	0.	0.006	0.003	0.004	0.016	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	11	119.	114.364	129.	96.	203.255	14.257	96.2	98.	127.	128.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	11	0.03	0.034	0.06	0.01	0.	0.016	0.01	0.02	0.05	0.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	11	0.4	0.391	0.5	0.3	0.007	0.083	0.3	0.3	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	11	0.5	0.484	0.71	0.19	0.046	0.214	0.192	0.22	0.69	0.706
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	11	0.039	0.034	0.062	0.017	0.	0.014	0.017	0.02	0.041	0.059
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	5	0.007	0.007	0.008	0.007	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	11	0.003	0.005	0.012	0.001	0.	0.004	0.001	0.001	0.01	0.012
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	2	5.	5.	5.6	4.4	0.72	0.849	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	2	35.	35.	45.	25.	200.	14.142	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/05/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00							5	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	2	0.17							6	0	0.00	6	2	0.33
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	2	0.18							5	0	0.00	6	2	0.33
00400	PH	Other-Hi Lim.	9.	12	2	0.17							6	0	0.00	6	2	0.33
		Other-Lo Lim.	6.5	12	0	0.00							6	0	0.00	6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00							5	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00							5	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00							5	0	0.00	6	0	0.00

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

Station Inventory for Station: GLCA0077

NPS Station ID: GLCA0077 | LAT/LON: 37.256115/-110.476392 | Agency: 12TAWI | Date Created: 09/03/76
Location: MIKES CANYON AREA | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP031
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 59 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205007 | RF1 Mile Point: 3.330 | Distance from RF1: 5.00 | On/Off RF1: OFF
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN NARROWS BETWEEN 2 WIDE AREAS IN RIVER. THE UPSTREAM AREA (PIUTE FARMS) IS THE LAST WIDE AREA BEFORE THE LAKE ENDS. SOUTH OF ENTRANCE TO MIKES CANYON. 6/8/76 WATER TURBID.

Parameter Inventory for Station: GLCA0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/06/77	12	15.1	16.525	25.	9.7	35.793	5.983	9.73	10.325	22.875	24.94
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/06/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/77-04/06/77	4	0.45	0.45	0.6	0.3	0.017	0.129	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/06/77	2	41.	41.	48.	34.	98.	9.899	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/06/77	12	527.5	572.083	765.	500.	8374.811	91.514	506.	520.	590.	762.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/06/77	11	822.	695.273	913.	458.	40260.618	200.65	462.6	485.	866.	912.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	51.4	51.4	51.4	51.4	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/77-04/06/77	5	11.5	11.58	12.2	10.9	0.317	0.563	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/06/77	11	8.2	6.918	10.	0.6	9.546	3.09	0.96	5.2	9.3	9.96
00400	PH (STANDARD UNITS)	04/06/77-04/06/77	5	8.5	8.5	8.7	8.3	0.025	0.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/06/77-04/06/77	5	8.5	8.477	8.7	8.3	0.026	0.16	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/77-04/06/77	5	0.003	0.003	0.005	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/06/77	9	8.2	8.122	8.5	7.6	0.104	0.323	7.6	7.8	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/06/77	9	8.2	8.01	8.5	7.6	0.119	0.345	7.6	7.8	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/06/77	9	0.006	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/06/77	11	126.	113.636	132.	94.	282.655	16.812	94.2	95.	128.	131.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/06/77	11	0.03	0.028	0.05	0.01	0.	0.013	0.01	0.02	0.04	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/06/77	11	0.3	0.309	0.4	0.2	0.005	0.07	0.2	0.3	0.4	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/06/77	11	0.62	0.497	0.81	0.18	0.063	0.25	0.182	0.19	0.7	0.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/06/77	10	0.026	0.026	0.038	0.016	0.	0.007	0.016	0.02	0.031	0.037
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/77-04/06/77	4	0.008	0.011	0.022	0.007	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/06/77	10	0.007	0.009	0.021	0.001	0.	0.007	0.001	0.003	0.014	0.021
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/06/77	2	1.65	1.65	1.9	1.4	0.125	0.354	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/06/77	2	47.5	47.5	59.	36.	264.5	16.263	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/06/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	5	0	0.00							5	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	2	0.18							4	0	0.00	7	2	0.29
00400	PH	Other-Hi Lim.	9.	5	0	0.00							5	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00							5	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	9	0	0.00							2	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00							2	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	1	0	0.00				4	0	0.00	6	0	0.00

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

Station Inventory for Station: GLCA0078

NPS Station ID: GLCA0078
LAT/LON: 37.259448/-110.165003
Agency: 112WRD
Date Created: 03/27/82
Location: (D-40-16)33CCC-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371534110095401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/68-09/23/68	1	529.	529.	529.	529.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0079

NPS Station ID: GLCA0079 | LAT/LON: 37.259726/-110.419449 | Agency: 12TAWI | Date Created: 09/03/76
Location: PIUTE FARMS-ROCKHOUSE GULCH ENT. | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJDE023
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 42 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 0.310 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
MOUTH OF COVE ON S SHORE (ROCKHOUSE GULCH), HOGAN ON PT ON W SHORE OF COVE. IN OLD CHANNEL ABOUT 100M FM W SHORE ON LINE BETWEEN PTS FORMING COVES ENTRANCE. 6/8/76 WATER GREENER-LESS BROWN. NO H2S IN SEDIMENT.

Parameter Inventory for Station: GLCA0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	10	16.8	16.82	24.	10.4	29.317	5.415	10.45	11.125	22.4	23.96
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	5	5.4	5.16	6.1	4.2	0.683	0.826	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	2	35.5	35.5	36.	35.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	5	560.	571.	620.	540.	1255.	35.426	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	10	743.	713.4	934.	484.	48724.489	220.736	484.2	486.	921.	933.6
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	54.7	54.7	54.7	54.7	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	10	9.7	9.02	13.5	1.4	17.155	4.142	1.68	6.15	12.6	13.44
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	10	8.75	8.11	10.7	3.6	5.968	2.443	3.72	6.45	10.1	10.67
00400	PH (STANDARD UNITS)	06/08/76-04/05/77	10	8.6	8.54	9.	7.8	0.132	0.363	7.83	8.325	8.8	8.98
00400	CONVERTED PH (STANDARD UNITS)	06/08/76-04/05/77	10	8.6	8.38	9.	7.8	0.16	0.4	7.83	8.325	8.8	8.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	10	0.003	0.004	0.016	0.001	0.	0.005	0.001	0.002	0.005	0.015
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	10	8.4	8.25	8.5	7.5	0.105	0.324	7.55	8.	8.5	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/05/77	10	8.4	8.108	8.5	7.5	0.128	0.357	7.55	8.	8.5	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	10	0.004	0.008	0.032	0.003	0.	0.009	0.003	0.003	0.01	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	10	116.5	111.4	130.	93.	210.267	14.501	93.1	94.	123.	129.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	10	0.03	0.038	0.08	0.01	0.001	0.024	0.01	0.018	0.063	0.079
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	10	0.35	0.35	0.4	0.3	0.003	0.053	0.3	0.3	0.4	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	10	0.515	0.457	0.66	0.2	0.042	0.204	0.2	0.215	0.643	0.659
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	10	0.034	0.035	0.064	0.018	0.	0.015	0.018	0.021	0.046	0.062
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	5	0.009	0.008	0.011	0.005	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	10	0.005	0.008	0.029	0.001	0.	0.009	0.001	0.001	0.011	0.027
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	2	5.65	5.65	6.5	4.8	1.445	1.202	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	2	32.5	32.5	42.	23.	180.5	13.435	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/05/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00							5	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	10	1	0.10							5	0	0.00	5	1	0.20
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	1	0.10							5	0	0.00	5	1	0.20
00400	PH	Other-Hi Lim.	9.	10	1	0.10							5	0	0.00	5	1	0.20
		Other-Lo Lim.	6.5	10	0	0.00							5	0	0.00	5	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	10	0	0.00							5	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00							5	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00							5	0	0.00	5	0	0.00

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

Station Inventory for Station: GLCA0080

NPS Station ID: GLCA0080 LAT/LON: 37.260281/-110.491671 Agency: 12TAWI Date Created: 09/03/76
Location: MIKES CANYON AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP042
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 56 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205007 RF1 Mile Point: 4.130 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
OFF MOUTH OF MIKES CANYON 2/3 OF DISTANCE FM S SHORE TO PROJECTED SHORELINE AT ENTRANCE TO CANYON. DUE SW TO SMALL VEGETATED PT ON W SHORE, MIKES MESA DUE NE, DUE S TO W EDGE OF CLIFF. 6/9/76; WATER MUCH GREENER THAN AT UPSTREAM STATIONS.

Parameter Inventory for Station: GLCA0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/05/77	14	13.8	15.229	24.	9.6	29.331	5.416	9.7	9.875	20.75	23.5
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/05/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	7	515.	515.	530.	500.	100.	10.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	7	461.	544.	771.	433.	22645.	150.483	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/05/77	14	9.	8.343	12.7	0.5	18.395	4.289	0.6	5.5	12.4	12.6
00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	7	6.	4.943	7.6	0.8	8.276	2.877	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/76-04/05/77	14	8.6	8.479	9.	7.7	0.168	0.41	7.75	8.175	8.825	8.95
00400	CONVERTED PH (STANDARD UNITS)	06/09/76-04/05/77	14	8.6	8.282	9.	7.7	0.21	0.458	7.75	8.175	8.825	8.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/05/77	14	0.003	0.005	0.02	0.001	0.	0.006	0.001	0.002	0.007	0.018
00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	7	8.1	8.2	8.5	7.9	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-06/09/76	7	8.1	8.134	8.5	7.9	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-06/09/76	7	0.008	0.007	0.013	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	7	94.	103.857	135.	91.	341.81	18.488	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	7	0.04	0.037	0.05	0.03	0.	0.008	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	6	0.5	0.483	0.6	0.4	0.006	0.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	7	0.32	0.36	0.61	0.19	0.034	0.184	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	6	0.04	0.043	0.069	0.03	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	7	0.008	0.01	0.024	0.004	0.	0.007	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/05/77	2	48.75	48.75	56.5	41.	120.125	10.96	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/05/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/01-10/31---------- Obs	Exceed	Prop.	----------11/01-1/31---------- Obs	Exceed	Prop.	----------2/01-5/31---------- Obs	Exceed	Prop.	----------6/01-7/31---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	14	2	0.14							7	0	0.00	7	2	0.29
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	2	0.29										7	2	0.29

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

EPA Water Quality Criteria Analysis for Station: GLCA0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	14	1	0.07							7	0	0.00	7	1	0.14
		Other-Lo Lim.	6.5	14	0	0.00							7	0	0.00	7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00

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

Station Inventory for Station: GLCA0081

NPS Station ID: GLCA0081 LAT/LON: 37.261670/-110.442503 Agency: 12TAWI Date Created: 09/03/76
Location: PIUTE FARMS AREA FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE025
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 44 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205007 RF1 Mile Point: 0.950 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
LAST DE SITE. MID CHANNEL, 1/3 WAY FM N SHORE OPPOSITE SITE 024 AND S OF BAY ON N SHORE.

Parameter Inventory for Station: GLCA0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-04/05/77	12	15.5	16.	23.	9.4	29.849	5.463	9.61	10.825	22.1	22.85
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-04/05/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	4	0.5	0.525	0.7	0.4	0.022	0.15	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-04/05/77	2	27.	27.	30.	24.	18.	4.243	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	6	542.5	550.	600.	515.	930.	30.496	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-04/05/77	10	503.5	639.5	921.	413.	57398.722	239.58	414.8	435.5	915.75	920.7
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	54.4	54.4	54.4	54.4	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-04/05/77	12	9.25	8.75	12.3	0.6	13.315	3.649	1.89	6.75	11.925	12.27
00300	OXYGEN, DISSOLVED MG/L	06/09/76-04/05/77	10	8.	7.69	10.	2.4	5.837	2.416	2.74	6.25	9.825	9.99
00400	PH (STANDARD UNITS)	06/09/76-04/05/77	12	8.55	8.533	9.	8.	0.086	0.293	8.06	8.325	8.675	9.
00400	CONVERTED PH (STANDARD UNITS)	06/09/76-04/05/77	12	8.547	8.444	9.	8.	0.095	0.308	8.06	8.325	8.675	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/05/77	12	0.003	0.004	0.01	0.001	0.	0.003	0.001	0.002	0.005	0.009
00403	PH, LAB, STANDARD UNITS SU	06/09/76-04/05/77	10	8.35	8.3	8.5	8.	0.031	0.176	8.01	8.1	8.425	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-04/05/77	10	8.347	8.266	8.5	8.	0.032	0.18	8.01	8.1	8.425	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-04/05/77	10	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-04/05/77	10	102.	107.9	130.	91.	313.211	17.698	91.	91.	126.25	129.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-04/05/77	10	0.03	0.026	0.04	0.01	0.	0.013	0.01	0.01	0.04	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-04/05/77	10	0.4	0.35	0.5	0.2	0.009	0.097	0.2	0.275	0.4	0.49
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-04/05/77	10	0.415	0.457	0.71	0.22	0.042	0.204	0.221	0.268	0.692	0.709
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-04/05/77	10	0.037	0.036	0.065	0.014	0.	0.015	0.014	0.026	0.042	0.064
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	4	0.005	0.006	0.008	0.004	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-04/05/77	10	0.008	0.008	0.019	0.001	0.	0.007	0.001	0.001	0.015	0.019
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	04/05/77-04/05/77	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-04/05/77	2	34.	34.	43.	25.	162.	12.728	**	**	**	**
85281	INVALID PARAMETER	06/09/76-04/05/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	1	0.08							6	0	0.00	6	1	0.17
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	1	0.10							4	0	0.00	6	1	0.17
00400	PH	Other-Hi Lim.	9.	12	2	0.17							6	0	0.00	6	2	0.33
		Other-Lo Lim.	6.5	12	0	0.00							6	0	0.00	6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	10	0	0.00							4	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00							4	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00							4	0	0.00	6	0	0.00

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

Station Inventory for Station: GLCA0082

NPS Station ID: GLCA0082
LAT/LON: 37.264726/-110.432504
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040816
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 30
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080205007
RF1 Mile Point: 0.350
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-11/24/75	13	13.3	15.238	25.9	4.	53.196	7.294	6.04	9.8	24.35	25.78
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-11/24/75	8	93.5	91.75	101.	69.	125.357	11.196	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-11/24/75	3	54.	42.	60.	12.	684.	26.153	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-11/24/75	13	475.	494.692	624.	358.	9640.231	98.185	363.6	380.	578.	612.8
00300	OXYGEN, DISSOLVED MG/L	04/28/75-11/24/75	13	8.8	8.754	10.4	5.8	1.308	1.144	6.6	8.3	9.6	10.16
00400	PH (STANDARD UNITS)	04/28/75-11/24/75	13	8.3	8.096	8.85	7.1	0.395	0.629	7.14	7.35	8.6	8.83
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-11/24/75	13	8.3	7.687	8.85	7.1	0.577	0.759	7.14	7.35	8.6	8.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-11/24/75	13	0.005	0.021	0.079	0.001	0.001	0.027	0.001	0.003	0.045	0.073
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-11/24/75	13	112.	109.231	126.	95.	78.859	8.88	95.	103.	113.	121.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-11/24/75	13	0.02	0.024	0.06	0.01	0.	0.017	0.01	0.01	0.03	0.056
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-11/24/75	13	0.3	0.362	0.8	0.1	0.058	0.24	0.1	0.1	0.6	0.72
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-11/24/75	13	0.34	0.279	0.46	0.04	0.032	0.179	0.04	0.1	0.45	0.456
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-11/24/75	13	0.029	0.041	0.077	0.017	0.	0.022	0.018	0.022	0.061	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-11/24/75	8	0.007	0.011	0.026	0.004	0.	0.008	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-11/24/75	3	8.7	6.467	9.2	1.5	18.563	4.309	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-11/24/75	3	33.	33.	36.	30.	9.	3.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0083

NPS Station ID: GLCA0083 LAT/LON: 37.266670/-110.704170 Agency: 12TAWI Date Created: 09/03/76
Location: GREAT BEND. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP026
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 144 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205019 RF1 Mile Point: 7.280 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
AT APEX OF GREAT BEND BETWEEN 2 DISTINCT EMBAYMENTS ON N SIDE OF BEND. IN MIDDLE OF CHANNEL.

Parameter Inventory for Station: GLCA0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/08/77	19	10.7	13.589	25.4	8.2	38.789	6.228	8.6	8.9	18.2	24.4
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	06/08/76-06/08/76	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/08/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/77-04/08/77	8	0.3	0.388	0.6	0.3	0.018	0.136	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/08/77	2	157.5	157.5	240.	75.	13612.5	116.673	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/76-04/08/77	19	590.	606.053	740.	528.	5965.275	77.235	528.	533.	690.	740.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/08/77	19	727.	717.737	769.	651.	829.76	28.806	662.	694.	730.	746.
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	31.8	31.8	31.8	31.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/08/77	19	8.9	8.074	10.	5.	3.158	1.777	5.4	6.2	9.6	9.9
00403	PH, LAB, STANDARD UNITS SU	06/08/76-06/08/76	10	8.	8.11	8.5	7.8	0.068	0.26	7.81	7.9	8.425	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-06/08/76	10	8.	8.049	8.5	7.8	0.072	0.268	7.81	7.9	8.425	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-06/08/76	10	0.01	0.009	0.016	0.003	0.	0.004	0.003	0.004	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/08/77	18	118.5	114.167	123.	93.	117.324	10.832	93.9	110.	122.25	123.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/08/77	18	0.02	0.023	0.05	0.01	0.	0.013	0.01	0.01	0.033	0.041
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/08/77	18 ##	0.1	0.161	0.3	0.1	0.007	0.085	0.1	0.1	0.225	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/08/77	18	0.425	0.388	0.6	0.1	0.023	0.152	0.1	0.355	0.488	0.528
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/08/77	18	0.011	0.011	0.018	0.007	0.	0.003	0.008	0.008	0.014	0.017
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/08/77-04/08/77	8	0.004	0.004	0.006	0.003	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/08/77	17 ##	0.001	0.003	0.017	0.001	0.	0.004	0.001	0.001	0.002	0.01
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/08/77	2	5.3	5.3	9.2	1.4	30.42	5.515	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/08/77	2	132.	132.	144.	120.	288.	16.971	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/08/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	0	0.00							9	0	0.00	10	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	10	0	0.00										10	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00							8	0	0.00	10	0	0.00

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

Station Inventory for Station: GLCA0084

NPS Station ID: GLCA0084 LAT/LON: 37.266948/-110.491392 Agency: 12TAWI Date Created: 09/03/76
Location: MIKES CANYON. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP039
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 45 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
INSIDE MIKES ARM. AROUND MAIN BEND ON SE SIDE OF CHANNEL IN OLD RIVER CHANNEL. ABOUT 12M FM SE SHORE, 170 DEG. TO ROCK SLIDE W/SLABS TIPPED UP, 060 DEG. TO MIKES MESA.

Parameter Inventory for Station: GLCA0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/76-06/09/76	8	20.95	21.338	24.	18.7	4.086	2.021	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/09/76-06/09/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/09/76-06/09/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/76-06/09/76	7	481.	519.571	737.	461.	9428.952	97.103	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	50.3	50.3	50.3	50.3	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/76-06/09/76	8	5.3	5.712	7.9	3.7	2.104	1.451	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/09/76-06/09/76	5	5.4	5.64	8.2	3.8	3.028	1.74	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/76-06/09/76	8	8.35	8.588	9.2	8.2	0.176	0.419	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/09/76-06/09/76	8	8.347	8.453	9.2	8.2	0.196	0.443	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-06/09/76	8	0.004	0.004	0.006	0.001	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/09/76-06/09/76	7	8.3	8.314	8.6	8.1	0.031	0.177	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/76-06/09/76	7	8.3	8.286	8.6	8.1	0.032	0.18	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/76-06/09/76	7	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/76-06/09/76	7	93.	97.857	126.	91.	156.476	12.509	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/76-06/09/76	7	0.06	0.056	0.08	0.03	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/76-06/09/76	7	0.3	0.3	0.4	0.1	0.01	0.1	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/76-06/09/76	7	0.31	0.299	0.53	0.17	0.017	0.129	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/76-06/09/76	7	0.036	0.039	0.05	0.03	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/76-06/09/76	7	0.008	0.01	0.023	0.003	0.	0.007	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/09/76-06/09/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/09/76-06/09/76	1	41.	41.	41.	41.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/09/76-06/09/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	8	1	0.13										8	1	0.13

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

EPA Water Quality Criteria Analysis for Station: GLCA0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	1	0.20										5	1	0.20
00400	PH	Other-Hi Lim.	9.	8	2	0.25										8	2	0.25
		Other-Lo Lim.	6.5	8	0	0.00										8	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00

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

Station Inventory for Station: GLCA0085

NPS Station ID: GLCA0085 | LAT/LON: 37.267226/-110.685282 | Agency: 12TAWI | Date Created: 09/03/76
Location: ELMERS COVE. | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SJLP027
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 20 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205019 | RF1 Mile Point: 7.920 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN ELMERS COVE S OF ALCOVE CANYON. ON S SIDE, DUE NE TO HEAD OF BAY, DUE SW TO VISIBLE PT ON S SHORE (LARGE ROCK AT WATERS EDGE).
6/10/76 GUSTY WINDS-ANCHOR WOULD NOT HOLD-DRIFTED ACROSS BAY WHILE SAMPLING-ABOUT 20FT TOTAL DISTANCE.

Parameter Inventory for Station: GLCA0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/76-06/10/76	4	23.75	23.625	24.	23.	0.229	0.479	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/76-06/10/76	1	3670.	3670.	3670.	3670.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/10/76-06/10/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/76-06/10/76	4	653.5	650.25	656.	638.	72.25	8.5	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	33.5	33.5	33.5	33.5	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/76-06/10/76	4	8.15	8.	8.5	7.2	0.353	0.594	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/10/76-06/10/76	4	8.4	8.4	9.	7.8	0.347	0.589	**	**	**	**
00400	PH (STANDARD UNITS)	06/10/76-06/10/76	4	8.8	8.775	9.	8.5	0.049	0.222	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/10/76-06/10/76	4	8.789	8.732	9.	8.5	0.052	0.227	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-06/10/76	4	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/10/76-06/10/76	4	8.3	8.3	8.4	8.2	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/10/76-06/10/76	4	8.3	8.294	8.4	8.2	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/76-06/10/76	4	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/76-06/10/76	4	95.5	95.75	98.	94.	4.25	2.062	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/10/76-06/10/76	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/76-06/10/76	4	0.5	0.5	0.6	0.4	0.007	0.082	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/10/76-06/10/76	4	0.145	0.143	0.15	0.13	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/76-06/10/76	4	0.015	0.015	0.018	0.011	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/76-06/10/76	4	0.003	0.003	0.003	0.001	0.	0.001	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/76-06/10/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/10/76-06/10/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	4	0	0.00										4	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00										4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	4	1	0.25										4	1	0.25
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00										4	0	0.00

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

Station Inventory for Station: GLCA0086

NPS Station ID: GLCA0086 LAT/LON: 37.272226/-110.415282 Agency: 12TAWI Date Created: 09/03/76
Location: CLAY HILLS-PIUTE FARMS FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE022
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 36 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 1.090 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
MIDCHANNEL BETWEEN BAYS ON OPPOSITE SHORES WHERE CHANNEL RUNS N-S SE OF CAMPSITE. CAN SEE UP AXIS OF BAY ON W SHORE. BAY ON EAST MORE OF A DELTA AT CANYON MOUTH.

Parameter Inventory for Station: GLCA0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-04/05/77	8	19.	17.725	23.3	10.4	24.528	4.953	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-04/05/77	2	3660.15	3660.15	3669.	3651.3	156.645	12.516	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	3	4.5	3.467	5.4	0.5	6.803	2.608	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-04/05/77	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	3	540.	535.	540.	525.	75.	8.66	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	8	447.	594.5	883.	410.	50528.	224.784	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	55.6	55.6	55.6	55.6	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	8	8.1	9.025	11.9	7.	4.762	2.182	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	8	8.2	8.55	11.9	7.1	2.554	1.598	**	**	**	**
00400	PH (STANDARD UNITS)	06/08/76-04/05/77	8	8.45	8.538	8.9	8.3	0.046	0.213	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/08/76-04/05/77	8	8.447	8.497	8.9	8.3	0.047	0.218	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	8	0.004	0.003	0.005	0.001	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-04/05/77	8	8.2	8.188	8.5	7.9	0.056	0.236	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-04/05/77	8	8.2	8.133	8.5	7.9	0.059	0.243	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-04/05/77	8	0.006	0.007	0.013	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	8	90.	99.25	118.	85.	243.929	15.618	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	8	0.025	0.028	0.06	0.01	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	8	0.3	0.338	0.6	0.2	0.014	0.119	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	8	0.32	0.355	0.52	0.21	0.013	0.114	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	8	0.033	0.044	0.117	0.016	0.001	0.036	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	3	0.006	0.008	0.014	0.005	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	8	0.008	0.01	0.026	0.001	0.	0.009	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	2	2.75	2.75	4.4	1.1	5.445	2.333	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-04/05/77	2	25.75	25.75	36.5	15.	231.125	15.203	**	**	**	**
85281	INVALID PARAMETER	06/08/76-04/05/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00							3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	8	0	0.00							3	0	0.00	5	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	0	0.00							3	0	0.00	5	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00							3	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00							3	0	0.00	5	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00							3	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00							3	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00							3	0	0.00	5	0	0.00

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

Station Inventory for Station: GLCA0087

NPS Station ID: GLCA0087 LAT/LON: 37.281670/-110.423059 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-LAKE POWELL FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE014
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 22 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 1.600 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
IN BAY BEHIND CAMPSITE. BETWEEN PT ON W EDGE OF CAMPSITE AND 2ND POINT TO N OF LARGE PURPLISH BOULDERS ON WEST SHORE. 160M TO PT TO EAST (CAMPSITE), 52M TO PT TO WEST. 6/7/76 SEDIMENT A DARK CLAY WITH OXIDIZED LAYERS-STRONG H2S ODOR. 6/8/76 PHYTO AND CHLOR SAMPLE SURFACE DIPPED.

Parameter Inventory for Station: GLCA0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/08/76-06/08/76	1	695.	695.	695.	695.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	8	20.5	19.713	25.2	11.2	22.693	4.764	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	3	3669.	3663.1	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	2	1.05	1.05	1.5	0.6	0.405	0.636	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	3	14.	16.333	22.	13.	24.333	4.933	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	2	527.5	527.5	540.	515.	312.5	17.678	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	6	468.	567.	857.	370.	50488.8	224.697	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	56.2	56.2	56.2	56.2	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-04/05/77	6	7.65	8.533	11.2	7.	3.735	1.933	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/07/76-04/05/77	8	7.65	7.913	9.3	7.	0.75	0.866	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-04/05/77	8	8.45	8.463	9.	8.2	0.068	0.262	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-04/05/77	8	8.447	8.405	9.	8.2	0.072	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	8	0.004	0.004	0.006	0.001	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	8	8.3	8.313	8.5	8.	0.036	0.189	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-04/05/77	8	8.3	8.275	8.5	8.	0.037	0.193	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	8	0.005	0.005	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	6	86.	95.5	119.	83.	296.7	17.225	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	6	0.03	0.092	0.4	0.02	0.023	0.151	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	6 ##	0.15	0.167	0.3	0.1	0.007	0.082	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	6	0.31	0.328	0.42	0.22	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	6	0.034	0.033	0.046	0.016	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	2	0.014	0.014	0.018	0.009	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	6	0.011	0.012	0.027	0.003	0.	0.009	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	2	9.25	9.25	16.3	2.2	99.405	9.97	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	3	22.	17.167	22.5	7.	77.583	8.808	**	**	**	**
85281	INVALID PARAMETER	06/07/76-04/05/77	3	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	6	0	0.00							2	0	0.00	4	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	0	0.00							2	0	0.00	6	0	0.00
00400	PH	Other-Hi Lim.	9.	8	1	0.13							2	0	0.00	6	1	0.17
		Other-Lo Lim.	6.5	8	0	0.00							2	0	0.00	6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00							2	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00							2	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00							2	0	0.00	4	0	0.00

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

Station Inventory for Station: GLCA0088

NPS Station ID: GLCA0088 LAT/LON: 37.282226/-110.417227 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-LAKE POWELL FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE016
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 28 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 1.850 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
MIDCHANNEL BETWEEN SITES 014 AND 015. OVER 1500M TO PT ON W SHORE, 165M TO E SHORE, 380M TO N SHORE. 235 DEGREES TO PT NEAR CAMP, 170 DEG. TO MONUMENT, 330 DEG. TO DISJOINTED CAPROCK ON N HORIZON.

Parameter Inventory for Station: GLCA0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	7	22.5	20.743	24.5	12.6	15.846	3.981	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	3	3669.	3663.1	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	3	14.	16.	22.	12.	28.	5.292	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	5	411.	491.8	840.	395.	37968.7	194.856	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	56.2	56.2	56.2	56.2	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-04/05/77	7	7.9	8.414	10.	7.	1.871	1.368	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	5	7.4	7.74	8.9	7.2	0.528	0.727	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-04/05/77	7	8.6	8.557	8.8	8.3	0.03	0.172	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-04/05/77	7	8.6	8.528	8.8	8.3	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	7	0.003	0.003	0.005	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	6	8.25	8.233	8.5	8.	0.031	0.175	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-04/05/77	6	8.247	8.205	8.5	8.	0.032	0.178	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	6	0.006	0.006	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	5	83.	90.2	120.	82.	278.2	16.679	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	5	0.02	0.028	0.05	0.02	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	5 ##	0.1	0.14	0.3	0.1	0.008	0.089	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	5	0.3	0.314	0.42	0.26	0.004	0.061	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	5	0.051	0.045	0.059	0.019	0.	0.015	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	5	0.012	0.01	0.013	0.003	0.	0.004	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-04/05/77	2	2.8	2.8	4.7	0.9	7.22	2.687	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	3	28.	20.833	29.5	5.	188.583	13.733	**	**	**	**
85281	INVALID PARAMETER	06/07/76-04/05/77	3	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	0	0.00							1	0	0.00	6	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00							1	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00							1	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00							1	0	0.00	6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00							1	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							1	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00							1	0	0.00	4	0	0.00

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

Station Inventory for Station: GLCA0089

NPS Station ID: GLCA0089 LAT/LON: 37.283337/-110.347227 Agency: 21UTWR Date Created: 02/01/79
Location: SAN JUAN RIVER AT LAKE POWELL FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 005
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 6.420 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
DATA FROM THE UTAH DIVISION OF WILDLIFE RESOURCES SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
SAN JUAN RIVER AT LAKE POWELL

Parameter Inventory for Station: GLCA0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	11/02/71-11/29/71	7	0.52	0.997	2.38	0.19	0.985	0.992	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	11/02/71-11/29/71	7	0.14	0.139	0.18	0.11	0.001	0.028	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	11/02/71-11/29/71	7	0.66	0.993	2.66	0.42	0.671	0.819	**	**	**	**
34474	SILVER WET WGTTISMG/KG	11/02/71-11/29/71	7	0.064	0.07	0.129	0.049	0.001	0.028	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/02/71-11/29/71	7	0.3	0.196	0.39	0.005	0.033	0.181	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	11/02/71-11/29/71	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/71-11/29/71	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	11/02/71-11/29/71	7	0.17	0.135	0.2	0.005	0.005	0.069	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	11/02/71-11/29/71	7	0.5	0.494	0.59	0.33	0.007	0.083	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	11/02/71-11/29/71	7	1.33	1.389	1.86	1.02	0.121	0.348	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	11/02/71-11/29/71	7	0.39	1.124	5.4	0.12	3.605	1.899	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	11/02/71-11/29/71	7	5.	5.	5.	5.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0090

NPS Station ID: GLCA0090 LAT/LON: 37.283337/-110.349448 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE006
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 10 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 6.420 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ON NORTH SIDE OF CHANNEL NEAR BEND. BEND NORTH AS YOU GO UPSTREAM. LARGE 'BALANCED' ROCK 355 DEG. ON TOP OF POINT ON NORTH SIDE. 95M TO NORTH SHORE, 15M TO SOUTH SHORE.

Parameter Inventory for Station: GLCA0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	60.8	60.8	60.8	60.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	1	0.376	0.376	0.376	0.376	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0090

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0091

NPS Station ID: GLCA0091 | LAT/LON: 37.283892/-110.354171 | Agency: 12TAWI | Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE007
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 6 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 6.080 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
ON NORTH SIDE OF CHANNEL IN STRAIGHT STRETCH BEFORE TURN TO NORTH ABOUT 0.5 MILE BELOW BEND OFF TWO LARGE BOULDERS ON LEDGE 12 FEET ABOVE WATER LEVEL ON NORTH SHORE. 5M FROM NORTH SHORE, 56M FROM SOUTH SHORE. STATION IN MAIN CURRENT. 6/6/76 HIGH WATER MARK SLOWLY RISING AS WE GO DOWNSTREAM. WAS ABOUT

Parameter Inventory for Station: GLCA0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	60.2	60.2	60.2	60.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0092

NPS Station ID: GLCA0092 LAT/LON: 37.284170/-110.415838 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-LAKE POWELL FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE015
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 25 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 1.850 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ABOUT 35M FM E SHORE. 150 DEG. TO MONUMENT, 220 DEG. TO TIP OF PT WHERE CAMPSITE IS LOCATED, 360 DEG. TO DISJOINTED CAPROCK ON N HORIZON.
SITE IS OFF SMALL ROUNDED BAYLET ON E SHORE. 6/7/76 SEDIMENT RED CLAY W/ OXIDIZED BLACK LAYER-FAIR H2S ODOR

Parameter Inventory for Station: GLCA0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	5	22.7	22.32	23.5	21.	1.072	1.035	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	2	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	2	15.	15.	18.	12.	18.	4.243	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	3	416.	422.	436.	414.	148.	12.166	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	56.3	56.3	56.3	56.3	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	5	8.	8.22	9.9	6.3	2.717	1.648	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	3	7.2	7.2	8.2	6.2	1.	1.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.6	8.66	9.	8.5	0.043	0.207	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.6	8.626	9.	8.5	0.044	0.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	5	0.003	0.002	0.003	0.001	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	4	8.2	8.2	8.4	8.	0.033	0.183	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-06/08/76	4	8.189	8.172	8.4	8.	0.034	0.185	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	4	0.006	0.007	0.01	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	3	86.	86.333	88.	85.	2.333	1.528	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	3	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	3	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	3	0.28	0.263	0.29	0.22	0.001	0.038	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	3	0.04	0.041	0.05	0.033	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	3	0.01	0.011	0.018	0.006	0.	0.006	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	2	20.75	20.75	25.	16.5	36.125	6.01	**	**	**	**
85281	INVALID PARAMETER	06/07/76-06/08/76	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0092

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	5	0	0.00										5	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00										3	0	0.00
00400	PH	Other-Hi Lim.	9.	5	1	0.20										5	1	0.20
		Other-Lo Lim.	6.5	5	0	0.00										5	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00										3	0	0.00

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

Station Inventory for Station: GLCA0093

NPS Station ID: GLCA0093 LAT/LON: 37.284726/-110.364449 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE008
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 6 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 5.400 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ABOUT 1/3 WAY ACROSS CHANNEL, NEARER TO NORTH SHORE. MIDWAY BETWEEN UPPER END OF TWO 'BENCHES' ON EITHER SHORE,
ABOUT 1/2 MILE BELOW SITE 007. 68M TO SHOUTH SHORE, 20M TO NORTH SHORE.

Parameter Inventory for Station: GLCA0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	59.7	59.7	59.7	59.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0093

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0094

NPS Station ID: GLCA0094 LAT/LON: 37.286670/-110.374171 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE009
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 6 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 4.530 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
MIDCHANNEL BETWEEN LARGE ROUNDED BOULDER ON N SHORE AND LARGE BOULDERS ON S SHORE.

Parameter Inventory for Station: GLCA0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	59.4	59.4	59.4	59.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0095

NPS Station ID: GLCA0095 LAT/LON: 37.289449/-110.384726 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE010
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 9 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 4.040 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
DUE S OF UPPERMOST TRIBUTARY CANYON ON N SIDE. ABOUT 5M OFF SHOUTH CLIFF.
6/6/76 BOTTOM TOO HARD FOR SED. SAMPLE--SAND?.

Parameter Inventory for Station: GLCA0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	2669.	2669.	2669.	2669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0096

NPS Station ID: GLCA0096 LAT/LON: 37.290282/-110.349448 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE005
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 4 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 6.980 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ON SOUTH SIDE OF CHANNEL AT DIAMETER OF BEND. 25M TO BOULDER ON SOUTH SHORE, 135 DEG. TO IT.

Parameter Inventory for Station: GLCA0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	21.8	21.8	21.8	21.8	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	61.3	61.3	61.3	61.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	1	0.374	0.374	0.374	0.374	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.067	0.067	0.067	0.067	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0097

NPS Station ID: GLCA0097
LAT/LON: 37.290282/-110.391116
Agency: 12TAWI
Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SJDE011
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205
Depth of Water: 7
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080205024
RF1 Mile Point: 3.480
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:
MIDCHANNEL SLIGHTLY S OF CANYON MOUTH OF N SHORE.

Parameter Inventory for Station: GLCA0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0097

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0098

NPS Station ID: GLCA0098 | LAT/LON: 37.291115/-110.348893 | Agency: 12TAWI | Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE004
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 2 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 6.980 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
MID CHANNEL JUST UP FROM BEND. 100M TO LARGE BOULDER ON POINT ON SOUTH SHORE, 200 DEG. TO IT. 135 DEG. TO BOULDER WITH TALUS PILE OVER IT-ALSO ON SOUTH SHORE.

Parameter Inventory for Station: GLCA0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	61.3	61.3	61.3	61.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	1	0.352	0.352	0.352	0.352	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.054	0.054	0.054	0.054	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0099

NPS Station ID: GLCA0099 | LAT/LON: 37.291115/-110.390837 | Agency: 12TAWI | Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE012
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 8 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 3.480 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN CENTER OF MOUTH OF SIDE CANYON ABOUT 10M FM CHANNEL.

Parameter Inventory for Station: GLCA0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0100

NPS Station ID: GLCA0100 LAT/LON: 37.291670/-110.348615 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 4 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 6.980 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ON NORTH SIDE OF CHANNEL NEAR BEND. 210 DEG. TO LARGE ROCK ON POINT ON SOUTH SHORE, 60 DEG. TO POINT ON NORTH SHORE UPSTREAM.

Parameter Inventory for Station: GLCA0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	61.3	61.3	61.3	61.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0100

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0101

NPS Station ID: GLCA0101 LAT/LON: 37.291670/-110.415282 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE021
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 24 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 2.390 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
ALONG N SHORE NNE FM CAMPSITE, W FM CLAY HILLS CROSSING, JUST N OF BOULDER ON PT O N SHORE, 130M TO PILE OF 6-8 FOOT SQUARE BOULDERS DRY WATERFALL. COVE WITH ISLAND IN ITS ENTRANCE. SW AND 127M TO LARGE TABULAR TO NW. IN MOUTH OF COVE LEADING UP TO A 2 JUMP PURPLISH

Parameter Inventory for Station: GLCA0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-04/05/77	7	21.5	20.843	26.5	11.5	23.596	4.858	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-04/05/77	3	3669.	3663.1	3669.	3651.3	104.43	10.219	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/77-04/05/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-04/05/77	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/05/77-04/05/77	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-04/05/77	5	406.	512.8	849.	400.	37165.7	192.784	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	56.7	56.7	56.7	56.7	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-04/05/77	7	8.	8.843	11.2	7.	3.26	1.805	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-04/05/77	5	7.4	7.92	9.2	7.2	0.852	0.923	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-04/05/77	7	8.7	8.657	9.	8.4	0.046	0.215	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-04/05/77	7	8.7	8.613	9.	8.4	0.048	0.22	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	7	0.002	0.002	0.004	0.001	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-04/05/77	6	8.1	8.133	8.4	7.9	0.035	0.186	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-04/05/77	6	8.1	8.102	8.4	7.9	0.036	0.189	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-04/05/77	6	0.008	0.008	0.013	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-04/05/77	5	87.	93.	119.	85.	212.5	14.577	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-04/05/77	5 ##	0.01	0.018	0.04	0.01	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-04/05/77	5	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-04/05/77	5	0.31	0.318	0.46	0.23	0.007	0.086	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-04/05/77	5	0.052	0.047	0.072	0.026	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/77-04/05/77	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-04/05/77	5	0.011	0.01	0.015	0.002	0.	0.005	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-04/05/77	3	20.	15.	23.5	1.5	139.75	11.822	**	**	**	**
85281	INVALID PARAMETER	06/07/76-04/05/77	3	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	0	0.00							1	0	0.00	6	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00							1	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	7	1	0.14							1	0	0.00	6	1	0.17
		Other-Lo Lim.	6.5	7	0	0.00							1	0	0.00	6	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00							1	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							1	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00							1	0	0.00	4	0	0.00

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

Station Inventory for Station: GLCA0102

NPS Station ID: GLCA0102 | LAT/LON: 37.292226/-110.400005 | Agency: 12TAWI | Date Created: 09/03/76
Location: CLAY HILLS CROSSING | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE017
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 13 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 2.880 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
IN MOUTH OF SMALL COVE OPPOSITE PARKING AREA AT CLAY HILLS. ROCK LEDGES A SHORT DISTANCE UP GULLY. ABOUT 5M FM EACH SIDE OF COVE

Parameter Inventory for Station: GLCA0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	5	20.	20.12	21.5	19.	1.157	1.076	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	2	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	3	395.	394.333	397.	391.	9.333	3.055	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	57.8	57.8	57.8	57.8	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	5	7.5	7.84	8.9	7.3	0.488	0.699	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	3	7.2	7.	7.2	6.6	0.12	0.346	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.4	8.44	8.7	8.1	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.4	8.389	8.7	8.1	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	5	0.004	0.004	0.008	0.002	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	4	8.	7.95	8.1	7.7	0.037	0.191	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-06/08/76	4	7.989	7.917	8.1	7.7	0.038	0.195	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	4	0.01	0.012	0.02	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	3	84.	84.667	90.	80.	25.333	5.033	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	3	0.3	0.333	0.5	0.2	0.023	0.153	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	3	0.32	0.317	0.32	0.31	0.	0.006	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	2	0.039	0.039	0.042	0.036	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	3	0.015	0.015	0.017	0.014	0.	0.002	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	2	11.25	11.25	11.5	11.	0.125	0.354	**	**	**	**
85281	INVALID PARAMETER	06/07/76-06/08/76	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	5	0	0.00										5	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00										3	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00										5	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00										5	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00										3	0	0.00

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

Station Inventory for Station: GLCA0103

NPS Station ID: GLCA0103 LAT/LON: 37.292226/-110.400005 Agency: 12TAWI Date Created: 09/03/76
Location: CLAY HILLS CROSSING FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE018
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 13 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 2.880 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
MIDCHANNEL BETWEEN SMALL COVE ON S SHORE (SITE 017) AND CLAY HILL ROAD, SLIGHTLY UPSTREAM FM PARKING AREA.

Parameter Inventory for Station: GLCA0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/08/76	5	20.9	20.66	21.	20.	0.173	0.416	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/08/76-06/08/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/08/76	2	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/08/76	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	3	406.	404.667	408.	400.	17.333	4.163	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	57.8	57.8	57.8	57.8	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/08/76	5	7.2	6.3	8.7	0.4	11.37	3.372	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	3	7.4	6.933	7.6	5.8	0.973	0.987	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.2	8.24	8.5	8.	0.033	0.182	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-06/08/76	5	8.2	8.211	8.5	8.	0.034	0.185	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	5	0.006	0.006	0.01	0.003	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/76-06/08/76	4	8.	7.85	8.1	7.3	0.143	0.379	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/76-06/08/76	4	7.989	7.707	8.1	7.3	0.171	0.413	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/08/76	4	0.01	0.02	0.05	0.008	0.	0.02	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	3	84.	84.667	88.	82.	9.333	3.055	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	3	0.5	0.533	0.8	0.3	0.063	0.252	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	3	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	3	0.185	0.171	0.268	0.06	0.011	0.105	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	3	0.015	0.016	0.018	0.015	0.	0.002	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/08/76	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
85281	INVALID PARAMETER	06/07/76-06/08/76	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	5	1	0.20										5	1	0.20
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00										3	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00										5	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00										5	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00										3	0	0.00

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

Station Inventory for Station: GLCA0104

NPS Station ID: GLCA0104 | LAT/LON: 37.292781/-110.399726 | Agency: 12TAWI | Date Created: 09/03/76
Location: CLAY HILLS CROSSING | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE019
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 6 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 2.880 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
ABOUT 4M OFF LOW PALE SANDSTONE PT ON CLAY HILL RD SIDE. SMALL COVES ABOVE AND BELOW PT. SITE 017 DUE S ACROSS CHANNEL.
6/7/76 ROCKY BOTTOM

Parameter Inventory for Station: GLCA0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/76-06/07/76	4	20.85	20.9	21.8	20.1	0.767	0.876	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/07/76-06/07/76	2	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/07/76-06/07/76	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	57.8	57.8	57.8	57.8	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/76-06/07/76	4	8.7	8.45	9.1	7.3	0.623	0.79	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/76-06/07/76	4	8.15	8.15	8.2	8.1	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/76-06/07/76	4	8.147	8.147	8.2	8.1	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/76-06/07/76	4	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/07/76-06/07/76	2	10.75	10.75	16.	5.5	55.125	7.425	**	**	**	**
85281	INVALID PARAMETER	06/07/76-06/07/76	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0104

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	4	0	0.00										4	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00

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

Station Inventory for Station: GLCA0105

NPS Station ID: GLCA0105 LAT/LON: 37.293059/-110.387782 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE013
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 7 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 3.480 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
MOST UPSTREAM STATION. 60M TO NORTH WALL, 30M TO SOUTH WALL. DUE SW TO POINT ON SOUTH SIDE DOWNSTREAM.
ROCK FALL-TALUS PILE DUE NE ON NORTH SHORE. SITE JUST DOWNSTREAM FROM IT.

Parameter Inventory for Station: GLCA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	23.6	23.6	23.6	23.6	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/76-06/06/76	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0106

NPS Station ID: GLCA0106 LAT/LON: 37.293615/-110.404170 Agency: 12TAWI Date Created: 09/03/76
Location: CLAY HILLS CROSSING FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJDE020
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 16 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 2.880 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
10M OFF SMALL COVE WHERE SLOPING BENCH ENTERS WATER. 1/4 MILE BELOW CLAY HILLS. ON N SHORE SLIGHTLY ABOVE LARGER COVE TO WEST.
SITE TAKEN HERE DUE TO DEPTH OF WATER AND CURRENT FLOW.

Parameter Inventory for Station: GLCA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/76-06/08/76	3	21.	20.767	21.5	19.8	0.763	0.874	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/08/76-06/08/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/76-06/08/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/76-06/08/76	3	383.	389.667	407.	379.	229.333	15.144	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	57.6	57.6	57.6	57.6	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/08/76-06/08/76	3	7.	7.067	7.2	7.	0.013	0.115	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/76-06/08/76	3	7.2	7.133	7.2	7.	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	06/08/76-06/08/76	3	8.6	8.5	8.6	8.3	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/08/76-06/08/76	3	8.6	8.476	8.6	8.3	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-06/08/76	3	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/76-06/08/76	3	7.6	7.767	8.1	7.6	0.083	0.289	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/76-06/08/76	3	7.6	7.712	8.1	7.6	0.088	0.296	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/76-06/08/76	3	0.025	0.019	0.025	0.008	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/76-06/08/76	3	84.	85.	87.	84.	3.	1.732	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/76-06/08/76	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/08/76-06/08/76	3	0.3	0.433	0.8	0.2	0.103	0.321	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/76-06/08/76	3	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/76-06/08/76	3	0.099	0.099	0.101	0.097	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/76-06/08/76	3	0.015	0.015	0.016	0.014	0.	0.001	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/08/76-06/08/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/08/76-06/08/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/08/76-06/08/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	3	0	0.00										3	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00										3	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00										3	0	0.00

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

Station Inventory for Station: GLCA0107

NPS Station ID: GLCA0107
LAT/LON: 37.295281/-110.875005
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040812
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070005
Depth of Water: 152
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070005001
RF1 Mile Point: 0.310
Distance from RF1: 5.00
On/Off RF1: OFF
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/03/75	23	11.1	12.661	25.8	5.6	33.378	5.777	6.78	9.2	12.6	24.94
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/14/75-12/03/75	16	95.	96.244	98.8	94.	3.215	1.793	94.	95.	98.	98.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/03/75	3	240.	208.	264.	120.	5952.	77.149	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/03/75	22	621.5	610.455	837.	402.	21315.117	145.997	405.2	486.5	756.5	810.8
00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/03/75	23	7.2	7.661	10.	5.6	1.991	1.411	6.	6.8	9.2	9.84
00400	PH (STANDARD UNITS)	04/29/75-12/03/75	23	8.1	8.235	9.	7.8	0.107	0.327	7.9	8.	8.45	8.82
00400	CONVERTED PH (STANDARD UNITS)	04/29/75-12/03/75	23	8.1	8.141	9.	7.8	0.116	0.341	7.9	8.	8.45	8.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/75-12/03/75	23	0.008	0.007	0.016	0.001	0.	0.004	0.002	0.004	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/03/75	22	121.	120.682	140.	99.	141.18	11.882	101.	112.	132.	137.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/03/75	22 ##	0.01	0.015	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/03/75	23	0.2	0.23	0.5	0.1	0.016	0.126	0.1	0.1	0.4	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/03/75	22	0.385	0.37	0.54	0.01	0.022	0.149	0.038	0.35	0.465	0.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/03/75	23	0.009	0.01	0.018	0.006	0.	0.003	0.007	0.008	0.011	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/03/75	19	0.004	0.004	0.01	0.001	0.	0.002	0.001	0.002	0.006	0.007
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/03/75	3	1.2	2.333	4.7	1.1	4.203	2.05	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/03/75	3	180.	443.667	999.	152.	231492.333	481.137	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	23	0	0.00	9	0	0.00	7	0	0.00	7	0	0.00			
00400	PH	Other-Hi Lim.	9.	23	2	0.09	9	2	0.22	7	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	23	0	0.00	9	0	0.00	7	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	9	0	0.00	6	0	0.00	7	0	0.00			

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

Station Inventory for Station: GLCA0108

NPS Station ID: GLCA0108 | LAT/LON: 37.297782/-110.335281 | Agency: 12TAWI | Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SJDE001
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 | Depth of Water: 2 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080205024 | RF1 Mile Point: 7.880 | Distance from RF1: 5.00 | On/Off RF1: ON
RF3 Index: 14070001003402.50 | RF3 Mile Point: 5.66 | Distance from RF3: 0.27 | On/Off RF3:
Description:
AT HEAD OF CANYON ON N SHORE. SAME CANYON AS 012. 6/6/76 STRONG H2S ODOR IN SEDIMENTS.

Parameter Inventory for Station: GLCA0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	1	0.312	0.312	0.312	0.312	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0108

				Total	Exceed	Prop.	8/01-10/31			11/01-1/31			2/01-5/31			6/01-7/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0109

NPS Station ID: GLCA0109 LAT/LON: 37.297782/-110.338059 Agency: 12TAWI Date Created: 09/03/76
Location: DELTA AREA-SAN JUAN RIVER FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SJDE002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080205 Depth of Water: 4 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080205024 RF1 Mile Point: 7.680 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:
IN MAIN FLOW ON OPPOSITE SIDE OF RIVER FROM SITE 001. ABOUT 100 METERS DOWNSTREAM FM 001. 70M TO SOUTH SHORE, 15M TO NORTH.
075 DEG. TO UPSTREAM POINT ON NORTH SHORE.

Parameter Inventory for Station: GLCA0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/06/76-06/06/76	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/76-06/06/76	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	06/06/76-06/06/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/06/76-06/06/76	1	3669.	3669.	3669.	3669.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/06/76-06/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	61.8	61.8	61.8	61.8	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/76-06/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/76-06/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/76-06/06/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/76-06/06/76	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/76-06/06/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/76-06/06/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/76-06/06/76	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/06/76-06/06/76	1	0.356	0.356	0.356	0.356	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/06/76-06/06/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/06/76-06/06/76	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
85281	INVALID PARAMETER	06/06/76-06/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0110

NPS Station ID: GLCA0110 LAT/LON: 37.297782/-110.876115 Agency: 21UTAH Date Created: 06/21/80
Location: L POWELL-AT MOUTH OF ESCALANTE R CANYON FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 495211
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070005 Depth of Water: 0 Aquifer:
Major Basin: COLORADO R BASIN Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO R DRAINAGE ECO Region:
RF1 Index: 14070005002 RF1 Mile Point: 0.560 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-03/11/81	8	7.9	10.075	28.	1.	62.951	7.934	**	**	**	**
00065	STAGE, STREAM (FEET)	12/03/80-12/03/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/03/80-12/03/80	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-05/18/82	11	0.6	1.136	3.5	0.4	0.961	0.98	0.42	0.5	1.4	3.28
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	3	855.	845.	1025.	655.	34300.	185.203	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-05/18/82	11	741.	796.	985.	570.	23223.	152.391	585.	665.	940.	982.
00300	OXYGEN, DISSOLVED MG/L	04/09/80-03/11/81	8	6.2	6.238	9.6	3.	3.866	1.966	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/03/80-12/03/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/09/80-05/18/82	11	15.	14.182	26.	5.	40.114	6.334	5.5	7.5	20.	24.8
00400	PH (STANDARD UNITS)	04/09/80-04/09/80	3	8.6	8.533	8.7	8.3	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-04/09/80	3	8.6	8.499	8.7	8.3	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-04/09/80	3	0.003	0.003	0.005	0.002	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/09/80-05/18/82	11	1.	1.091	2.	0.	0.491	0.701	0.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-05/18/82	10	130.5	128.	141.	108.	159.556	12.632	108.8	116.	139.5	141.
00440	BICARBONATE ION (MG/L AS HCO3)	04/09/80-05/18/82	11	142.	148.182	168.	128.	229.164	15.138	129.2	136.	164.	168.
00445	CARBONATE ION (MG/L AS CO3)	04/09/80-05/18/82	11	2.	1.636	4.	0.	2.255	1.502	0.	0.	2.	4.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-05/18/82	10 ##	2.5	2.55	5.	1.5	0.914	0.956	1.5	2.25	2.5	4.75
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-05/18/82	10 ##	2.5	2.65	5.	1.5	0.781	0.883	1.6	2.5	2.5	4.75
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-05/18/82	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	8 ##	0.025	0.028	0.05	0.025	0.	0.009	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/09/80-12/03/80	8	0.4	0.43	0.64	0.25	0.019	0.139	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	8	0.45	0.469	0.66	0.25	0.024	0.156	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-05/18/82	11	0.2	0.273	0.6	0.1	0.026	0.162	0.1	0.2	0.4	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-05/18/82	11	0.4	0.4	0.65	0.15	0.021	0.145	0.17	0.3	0.5	0.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-05/18/82	11	0.025	0.03	0.05	0.01	0.	0.012	0.012	0.02	0.04	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/80-12/03/80	8	0.02	0.019	0.04	0.01	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-05/18/82	11	4.5	4.982	9.2	3.	2.884	1.698	3.12	4.1	5.3	8.72
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-05/18/82	11	262.	263.727	314.	192.	1897.218	43.557	198.8	228.	308.	313.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/09/80-05/18/82	11	62.	67.364	88.	51.	176.455	13.284	51.	58.	81.	86.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/09/80-05/18/82	11	20.	21.	27.	16.	13.	3.606	16.2	18.	24.	26.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/09/80-05/18/82	11	64.	71.	100.	49.	291.	17.059	50.	59.	89.	98.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/09/80-05/18/82	11	4.	3.818	5.	3.	0.764	0.874	3.	3.	5.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-05/18/82	11	36.	45.182	72.	25.	360.164	18.978	25.6	29.	67.	71.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-05/18/82	10	63.5	53.5	68.	28.	279.167	16.708	28.3	34.75	67.25	68.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/09/80-05/18/82	11	184.	206.091	273.	140.	2615.891	51.146	140.4	170.	263.	271.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/09/80-12/03/80	8	0.24	0.241	0.29	0.2	0.001	0.029	**	**	**	**

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

Parameter Inventory for Station: GLCA0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/09/80-12/03/80	8	8.	8.375	9.	8.	0.268	0.518	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/09/80-05/18/82	11	1.	0.982	1.	0.8	0.004	0.06	0.84	1.	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	04/09/80-05/18/82	11 ##	0.025	0.035	0.1	0.025	0.001	0.024	0.025	0.025	0.025	0.092
01020	BORON, DISSOLVED (UG/L AS B)	04/09/80-12/03/80	8	147.5	148.125	200.	115.	678.125	26.041	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/09/80-05/18/82	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/80-12/03/80	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/09/80-05/18/82	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	04/09/80-05/18/82	11 ##	5.	6.818	15.	5.	16.364	4.045	5.	5.	5.	15.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/80-05/18/82	11 ##	5.	5.273	18.	2.5	19.318	4.395	2.5	2.5	5.	15.4
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/80-05/18/82	11 ##	5.	8.909	40.	3.	116.091	10.775	3.4	5.	5.	35.
01067	NICKEL, TOTAL (UG/L AS NI)	04/09/80-05/18/82	11 ##	5.	7.091	20.	5.	24.091	4.908	5.	5.	5.	18.6
01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-05/18/82	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-05/18/82	11	32.	46.455	130.	6.	1493.073	38.64	6.6	14.	75.	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/03/80-12/03/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/09/80-05/18/82	11 ##	0.5	0.455	0.5	0.25	0.01	0.101	0.25	0.5	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-05/18/82	11	508.	519.091	636.	364.	10785.891	103.855	373.2	428.	620.	635.6
71830	HYDROXIDE ION (MG/L AS OH)	04/09/80-05/18/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	8	0.02	0.019	0.04	0.01	0.	0.01	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/09/80-05/18/82	11	0.1	0.109	0.2	0.05	0.002	0.049	0.05	0.1	0.1	0.2
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	8	27.	46.725	109.	0.	2792.834	52.847	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/09/80-05/18/82	11	0.03	0.033	0.08	0.015	0.	0.021	0.015	0.015	0.05	0.074

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

EPA Water Quality Criteria Analysis for Station: GLCA0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	1	0.13	2	0	0.00	1	1	1.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	50.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	5.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	1300.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	5.	5 &	1	0.20				1	0	0.00	4	1	0.25			
01067	NICKEL, TOTAL	Fresh Acute	1400.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	100.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	50.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	11	1	0.09	3	1	0.33	1	0	0.00	7	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	1	1.00				1	1	1.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	50.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0110

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			
	Drinking Water	2.	11	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00			

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

Station Inventory for Station: GLCA0111

NPS Station ID: GLCA0111 LAT/LON: 37.314170/-110.902781 Agency: 112WRD Date Created: 01/05/78
Location: ESCALANTE RIVER AT MOUTH NEAR ESCALANTE, UTAH FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09339500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070005 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070005001 RF1 Mile Point: 2.350 Distance from RF1: 5.00 On/Off RF1: ON
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/51-09/21/53	5	717.	820.6	1420.	442.	171526.8	414.158	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/51-09/11/53	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/51-09/11/53	2	7.347	7.347	7.4	7.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/51-09/11/53	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/51-09/11/53	2	173.	173.	178.	168.	50.	7.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/51-09/11/53	2	190.5	190.5	196.	185.	60.5	7.778	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/51-09/11/53	2	48.5	48.5	50.	47.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/51-09/11/53	2	50.5	50.5	52.	49.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/51-09/11/53	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/51-09/11/53	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/01/51-09/11/53	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	03/01/51-09/11/53	2	19.5	19.5	20.	19.	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/51-09/11/53	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/51-09/11/53	2	478.	478.	610.	346.	34848.	186.676	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/01/51-09/11/53	1	28.	28.	28.	28.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/01/51-09/21/53	2	284.5	284.5	302.	267.	612.5	24.749	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/51-09/21/53	2	0.385	0.385	0.41	0.36	0.001	0.035	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	1	0.50	1	0	0.00							1	1	1.00

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

Station Inventory for Station: GLCA0112

NPS Station ID: GLCA0112 LAT/LON: 37.329726/-110.768059 Agency: 12TAWI Date Created: 09/03/76
Location: DESHA CANYON. FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): SJLP018
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 Depth of Water: 240 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14070001014 RF1 Mile Point: 13.480 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14070001000100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.10 On/Off RF3:
Description:
DESHA CANYON, MIDCHANNEL, ABOUT 1/4 MILE INTO CANYON. TOO DEEP TO ANCHOR SO DRIFTED AROUND IN AREA OF FIRST GOOD BEND IN CHANNEL.

Parameter Inventory for Station: GLCA0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/76-03/31/77	17	9.6	12.806	21.8	7.5	33.182	5.76	7.66	8.35	20.25	21.8
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	03/31/77-03/31/77	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/11/76-03/31/77	2	3660.65	3660.65	3670.	3651.3	174.845	13.223	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/31/77-03/31/77	6	0.3	0.333	0.4	0.3	0.003	0.052	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/11/76-03/31/77	2	264.5	264.5	396.	133.	34584.5	185.969	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/77-03/31/77	9	435.	437.778	480.	415.	381.944	19.543	415.	422.5	447.5	480.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/76-03/31/77	11	756.	735.909	770.	696.	878.291	29.636	697.6	704.	760.	768.8
00105	RIVER MILE, UPSTREAM END OF REACH	06/06/76-06/06/76	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/76-03/31/77	17	9.3	9.618	11.5	7.6	1.788	1.337	7.68	8.7	11.05	11.42
00300	OXYGEN, DISSOLVED MG/L	06/11/76-03/31/77	11	9.4	9.655	11.	8.9	0.373	0.611	8.96	9.3	10.1	10.88
00400	PH (STANDARD UNITS)	06/11/76-03/31/77	17	8.7	8.7	9.4	8.1	0.133	0.364	8.18	8.45	9.	9.32
00400	CONVERTED PH (STANDARD UNITS)	06/11/76-03/31/77	17	8.7	8.573	9.4	8.1	0.15	0.387	8.18	8.45	9.	9.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	17	0.002	0.003	0.008	0.	0.	0.002	0.	0.001	0.004	0.007
00403	PH, LAB, STANDARD UNITS SU	06/11/76-03/31/77	11	8.	8.073	8.5	7.3	0.152	0.39	7.38	7.8	8.5	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/11/76-03/31/77	11	8.	7.901	8.5	7.3	0.185	0.43	7.38	7.8	8.5	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/76-03/31/77	11	0.01	0.013	0.05	0.003	0.	0.014	0.003	0.003	0.016	0.044
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/76-03/31/77	10	118.5	119.7	124.	116.	9.567	3.093	116.1	117.75	124.	124.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/76-03/31/77	9	0.02	0.019	0.05	0.01	0.	0.013	0.01	0.01	0.02	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/76-03/31/77	10 ##	0.1	0.14	0.3	0.1	0.007	0.084	0.1	0.1	0.15	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/76-03/31/77	10	0.33	0.332	0.41	0.26	0.005	0.07	0.26	0.268	0.4	0.409
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/76-03/31/77	10	0.01	0.01	0.012	0.008	0.	0.001	0.008	0.009	0.011	0.012
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/77-03/31/77	5	0.005	0.006	0.014	0.002	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/76-03/31/77	9 ##	0.001	0.002	0.006	0.001	0.	0.002	0.001	0.001	0.003	0.006
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/31/77-03/31/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/11/76-03/31/77	2	225.	225.	240.	210.	450.	21.213	**	**	**	**
85281	INVALID PARAMETER	06/11/76-03/31/77	2	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00							6	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	17	0	0.00							9	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00							6	0	0.00	5	0	0.00
00400	PH	Other-Hi Lim.	9.	17	5	0.29							9	0	0.00	8	5	0.63
		Other-Lo Lim.	6.5	17	0	0.00							9	0	0.00	8	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00							6	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00							6	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00							5	0	0.00	5	0	0.00

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

Station Inventory for Station: GLCA0113

NPS Station ID: GLCA0113
LAT/LON: 37.348337/-110.936115
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040817
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070005
Depth of Water: 160
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070005001
RF1 Mile Point: 5.190
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/04/75	22	11.8	13.632	27.9	7.7	41.124	6.413	8.63	9.025	14.275	27.28
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/04/75	15	94.	96.	101.	91.4	12.42	3.524	92.	93.	99.7	100.88
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/04/75	3	180.	168.	204.	120.	1872.	43.267	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/04/75	22	585.	582.364	997.	163.	31699.481	178.043	410.8	423.5	737.25	758.5
00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/04/75	22	7.	6.823	10.	1.2	6.013	2.452	2.85	5.4	8.7	9.74
00400	PH (STANDARD UNITS)	04/29/75-12/04/75	22	7.8	7.961	8.75	7.5	0.116	0.34	7.53	7.8	8.212	8.54
00400	CONVERTED PH (STANDARD UNITS)	04/29/75-12/04/75	22	7.8	7.859	8.75	7.5	0.127	0.356	7.53	7.8	8.212	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/75-12/04/75	22	0.016	0.014	0.032	0.002	0.	0.008	0.003	0.006	0.016	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/04/75	22	120.	124.045	151.	109.	122.426	11.065	110.3	118.75	133.25	142.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/04/75	22	0.02	0.02	0.05	0.01	0.	0.011	0.01	0.01	0.03	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/04/75	22	0.2	0.236	0.6	0.1	0.017	0.129	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/04/75	22	0.3	0.295	0.54	0.1	0.014	0.12	0.103	0.19	0.378	0.434
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/04/75	22	0.009	0.016	0.069	0.007	0.	0.015	0.008	0.009	0.018	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/04/75	16 ##	0.002	0.006	0.029	0.001	0.	0.008	0.001	0.001	0.007	0.022
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/04/75	3	1.5	2.1	3.9	0.9	2.52	1.587	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/04/75	3	180.	178.333	195.	160.	308.333	17.559	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	22	4	0.18	8	3	0.38	7	0	0.00	7	1	0.14			
00400	PH	Other-Hi Lim.	9.	22	0	0.00	8	0	0.00	7	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	8	0	0.00	7	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	8	0	0.00	7	0	0.00	7	0	0.00			

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

Station Inventory for Station: GLCA0114

NPS Station ID: GLCA0114 LAT/LON: 37.416670/-110.638338 Agency: 21UTAH Date Created: 02/23/80
Location: LAKE CANYON AT MOUTH (HIGH WATER LINE) FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 495218
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO R BASIN ECO Region:
RF1 Index: 14070001002 RF1 Mile Point: 61.530 Distance from RF1: 8.10 On/Off RF1: OFF
RF3 Index: 14070001006700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-06/15/82	5	18.	18.2	26.	11.	32.7	5.718	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-06/15/82	5	0.3	0.88	3.	0.2	1.447	1.203	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-06/15/82	5	12.	46.54	166.	0.7	4846.658	69.618	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	4	455.	480.	700.	310.	28200.	167.929	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-06/15/82	5	440.	418.	515.	300.	8957.5	94.644	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	4	8.9	8.6	9.4	7.2	0.933	0.966	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	3	1.7	1.6	1.9	1.2	0.13	0.361	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/18/80-06/15/82	3	37.	34.333	45.	21.	149.333	12.22	**	**	**	**
00400	PH (STANDARD UNITS)	05/01/79-06/15/82	4	8.05	8.025	8.4	7.6	0.109	0.33	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/01/79-06/15/82	4	8.047	7.93	8.4	7.6	0.121	0.348	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-06/15/82	4	0.009	0.012	0.025	0.004	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/01/79-09/06/79	2	8.45	8.45	8.6	8.3	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/01/79-09/06/79	2	8.425	8.425	8.6	8.3	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-09/06/79	2	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-06/15/82	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	5	171.	181.8	213.	153.	633.2	25.163	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-06/15/82	5	208.	220.	260.	178.	1122.	33.496	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/01/79-06/15/82	5	0.	0.8	4.	0.	3.2	1.789	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-06/15/82	5	61.	342.6	1410.	2.	363639.8	603.026	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-06/15/82	5	60.	342.4	1410.	2.	363780.8	603.142	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-06/15/82	5 ##	0.05	0.13	0.4	0.05	0.023	0.152	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	4	0.4	1.075	3.4	0.1	2.429	1.559	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	4	0.4	1.075	3.4	0.1	2.429	1.559	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-06/15/82	5	0.6	0.56	1.3	0.1	0.223	0.472	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-06/15/82	5	0.1	0.81	3.4	0.025	2.135	1.461	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-06/15/82	5	0.1	0.154	0.48	0.01	0.035	0.186	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	4	0.04	0.041	0.06	0.025	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-06/15/82	3	9.1	9.4	10.6	8.5	1.17	1.082	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	5	224.	208.4	248.	152.	1612.8	40.16	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-06/15/82	5	51.	57.8	89.	37.	396.7	19.917	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-06/15/82	5	15.	15.4	23.	3.	60.8	7.797	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-06/15/82	5	10.	16.2	41.	6.	202.7	14.237	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-06/15/82	5	1.	1.6	4.	1.	1.8	1.342	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-06/15/82	5	6.	6.4	15.	1.	27.3	5.225	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-06/15/82	5	6.	6.4	15.	1.	27.3	5.225	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-06/15/82	5	30.	34.8	72.	16.	523.7	22.884	**	**	**	**

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

Parameter Inventory for Station: GLCA0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	4	0.2	0.218	0.28	0.19	0.002	0.042	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	4	16.5	16.75	22.	12.	16.917	4.113	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-06/15/82	3	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	2 ##	42.5	42.5	60.	25.	612.5	24.749	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-06/15/82	3	0.08	0.068	0.1	0.025	0.002	0.039	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	4	65.	70.	125.	25.	1850.	43.012	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-06/15/82	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	2 ##	9.75	9.75	17.	2.5	105.125	10.253	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-06/15/82	3 ##	2.5	3.833	7.5	1.5	10.333	3.215	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-06/15/82	3 ##	5.	5.5	9.	2.5	10.75	3.279	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	2 ##	155.	155.	260.	50.	22050.	148.492	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-06/15/82	3 ##	2.5	5.833	12.5	2.5	33.333	5.774	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-06/15/82	3	65.	55.	90.	10.	1675.	40.927	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	2 ##	16.	16.	27.	5.	242.	15.556	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-06/15/82	3 ##	7.5	8.333	12.5	5.	14.583	3.819	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-06/15/82	3 ##	2.5	2.	2.5	1.	0.75	0.866	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	2 ##	11.25	11.25	20.	2.5	153.125	12.374	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-06/15/82	3	15.	22.5	50.	2.5	606.25	24.622	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-06/15/82	3 ##	0.5	0.417	0.5	0.25	0.021	0.144	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	4	16650.	68925.	240000.	2400.13088542500.		114405.168	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	4	4.174	4.277	5.38	3.38	0.709	0.842	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			18935.604								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	4	260.	707.875	2300.	11.5	1159594.729	1076.845	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	4	2.294	2.253	3.362	1.061	0.962	0.981	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			178.869								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-06/15/82	5	246.	258.2	318.	191.	3260.2	57.098	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-06/15/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	4	0.04	0.041	0.06	0.025	0.	0.017	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-06/15/82	5	0.2	0.21	0.5	0.05	0.031	0.175	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/01/79-06/15/82	5	0.45	1.092	4.05	0.03	2.804	1.675	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	2	0.40	2	1	0.50				2	0	0.00	1	1	1.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00	2	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	5.	2 &	0	0.00							1	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	100.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	4	1.00	2	2	1.00				2	2	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	2	0.50	2	2	1.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
		Drinking Water	2.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00

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

Station Inventory for Station: GLCA0115

NPS Station ID: GLCA0115
LAT/LON: 37.418059/-110.698337
Agency: 112WRD
Date Created: 03/27/82
Location: NR006.1090X0565
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372505110415401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 14070001014600.00
RF3 Mile Point: 3.37
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/57-09/10/57	1	454.	454.	454.	454.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/57-09/10/57	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/57-09/10/57	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/57-09/10/57	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/57-09/10/57	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/57-09/10/57	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/57-09/10/57	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/57-09/10/57	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/57-09/10/57	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/57-09/10/57	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/57-09/10/57	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/57-09/10/57	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/10/57-09/10/57	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/10/57-09/10/57	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/57-09/10/57	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/57-09/10/57	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/57-09/10/57	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/57-09/10/57	1	276.	276.	276.	276.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/57-09/10/57	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0116

NPS Station ID: GLCA0116
LAT/LON: 37.418337/-110.702227
Agency: 112WRD
Date Created: 03/27/82
Location: (D-39-11) 9BAB-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372502110421701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 14070001002609.98
RF3 Mile Point: 12.53
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/04/48-10/04/48	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/48-10/04/48	1	408.	408.	408.	408.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/48-10/04/48	1	183.	183.	183.	183.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/04/48-10/04/48	1	223.	223.	223.	223.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/48-10/04/48	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/48-10/04/48	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/04/48-10/04/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/48-10/04/48	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/48-10/04/48	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/04/48-10/04/48	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/04/48-10/04/48	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/48-10/04/48	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/48-10/04/48	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/48-10/04/48	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/48-10/04/48	1	250.	250.	250.	250.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/48-10/04/48	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0117

NPS Station ID: GLCA0117
LAT/LON: 37.453337/-110.748615
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040811
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 999
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001014
RF1 Mile Point: 27.510
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001012500.00
RF3 Mile Point: 2.31
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/03/75	26	11.1	12.896	27.8	7.1	36.364	6.03	8.08	9.275	12.025	25.96
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	17	94.	95.159	101.	90.	8.861	2.977	92.4	93.	98.35	99.08
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/03/75	3	162.	166.	240.	96.	5196.	72.083	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/03/75	26	579.	580.077	761.	424.	10558.634	102.755	425.	517.5	661.25	735.9
00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/03/75	26	7.9	7.9	11.	4.2	3.121	1.767	4.76	7.	9.4	9.8
00400	PH (STANDARD UNITS)	04/29/75-12/03/75	26	8.1	8.133	9.	7.5	0.197	0.444	7.57	7.7	8.5	8.72
00400	CONVERTED PH (STANDARD UNITS)	04/29/75-12/03/75	26	8.1	7.944	9.	7.5	0.234	0.484	7.57	7.7	8.5	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/75-12/03/75	26	0.008	0.011	0.032	0.001	0.	0.01	0.002	0.003	0.02	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/03/75	26	134.	128.692	154.	101.	233.742	15.289	104.1	116.75	139.25	146.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/03/75	26 ##	0.015	0.018	0.04	0.01	0.	0.009	0.01	0.01	0.03	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/03/75	26	0.2	0.204	0.4	0.1	0.008	0.092	0.1	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/03/75	26	0.39	0.402	0.62	0.01	0.024	0.154	0.166	0.328	0.513	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/03/75	26	0.01	0.011	0.021	0.008	0.	0.003	0.008	0.009	0.012	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/03/75	22	0.007	0.006	0.012	0.001	0.	0.003	0.001	0.003	0.008	0.011
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/03/75	3	1.7	3.1	6.7	0.9	9.88	3.143	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/03/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	26	2	0.08	9	2	0.22	8	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	9	0	0.00	8	0	0.00	9	0	0.00			

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

Station Inventory for Station: GLCA0118

NPS Station ID: GLCA0118
LAT/LON: 37.462504/-110.564170
Agency: 21UTAH
Date Created: 02/23/80
Location: MOKI CANYON AT MOUTH (HIGH WATER LINE)
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495221
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R BASIN
ECO Region:
RF1 Index: 14070001018
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001065300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-09/11/80	3	17.	16.	22.	9.	43.	6.557	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-09/11/80	3	0.5	1.3	3.	0.4	2.17	1.473	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-09/11/80	3	200.	414.667	1000.	44.	263045.333	512.879	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	3	550.	613.333	850.	440.	45033.333	212.211	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-09/11/80	3	545.	573.333	655.	520.	5158.333	71.822	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	3	8.2	8.4	8.8	8.2	0.12	0.346	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	2	1.9	1.9	2.4	1.4	0.5	0.707	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	2 ##	14.75	14.75	22.	7.5	105.125	10.253	**	**	**	**
00400	PH (STANDARD UNITS)	05/01/79-09/11/80	3	8.4	8.133	8.8	7.2	0.693	0.833	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/01/79-09/11/80	3	8.4	7.64	8.8	7.2	1.058	1.028	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-09/11/80	3	0.004	0.023	0.063	0.002	0.001	0.035	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/01/79-05/01/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/01/79-05/01/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-05/01/79	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-09/11/80	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	3	235.	239.	279.	203.	1456.	38.158	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-09/11/80	3	274.	280.667	324.	244.	1633.333	40.415	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/01/79-09/11/80	3	6.	5.333	8.	2.	9.333	3.055	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-09/11/80	3	350.	863.333	2230.	10.	1429733.333	1195.715	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-09/11/80	3	350.	863.333	2230.	10.	1429733.333	1195.715	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-09/11/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	3	0.2	0.3	0.55	0.15	0.048	0.218	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	3	0.2	0.3	0.55	0.15	0.048	0.218	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-09/11/80	3	0.5	0.383	0.6	0.05	0.086	0.293	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-09/11/80	3	0.15	0.25	0.55	0.05	0.07	0.265	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-09/11/80	3	0.14	0.417	0.99	0.12	0.247	0.497	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	3	0.04	0.068	0.14	0.025	0.004	0.063	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	2	7.	7.	11.1	2.9	33.62	5.798	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	3	210.	203.333	240.	160.	1633.333	40.415	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-09/11/80	3	58.	61.667	84.	43.	430.333	20.744	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-09/11/80	3	13.	12.667	16.	9.	12.333	3.512	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-09/11/80	3	55.	51.	61.	37.	156.	12.49	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-09/11/80	3	2.	3.	5.	2.	3.	1.732	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-09/11/80	3	22.	20.333	23.	16.	14.333	3.786	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-09/11/80	3	22.	20.333	23.	16.	14.333	3.786	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-09/11/80	3	50.	45.333	56.	30.	185.333	13.614	**	**	**	**

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

Parameter Inventory for Station: GLCA0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	3	0.21	0.227	0.3	0.17	0.004	0.067	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	3	17.	16.	18.	13.	7.	2.646	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	2 ##	72.5	72.5	120.	25.	4512.5	67.175	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-05/01/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	3	120.	111.667	135.	80.	808.333	28.431	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-05/01/79	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	2 ##	19.	19.	33.	5.	392.	19.799	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	3	15000.	37500.	93000.	4500.	2337750000.	48350.284	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	3	4.176	4.266	4.968	3.653	0.439	0.662	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			18447.134								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	3	930.	1080.5	2300.	11.5	1326295.75	1151.649	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	3	2.968	2.464	3.362	1.061	1.515	1.231	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			290.828								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-09/11/80	3	330.	343.333	396.	304.	2249.333	47.427	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-09/11/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	3	0.04	0.068	0.14	0.025	0.004	0.063	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-09/11/80	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/01/79-09/11/80	3	5.5	4.933	8.9	0.4	18.303	4.278	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	2	0.67	1	1	1.00				2	1	0.50			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00				2	2	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00				2	1	0.50			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: GLCA0119

NPS Station ID: GLCA0119
LAT/LON: 37.471392/-110.725837
Agency: 21UTAH
Date Created: 06/21/80
Location: L POWELL-AT HALLS XING MIDLAKE
FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 495213
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO R BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R DRAINAGE
ECO Region:
RF1 Index: 14070001015
RF1 Mile Point: 1.130
Distance from RF1: 7.40
On/Off RF1: ON
RF3 Index: 14070001001601.02
RF3 Mile Point: 1.88
Distance from RF3: 0.46
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/80-03/11/81	9	9.	10.967	27.	6.5	41.123	6.413	6.5	6.85	12.	27.
00065	STAGE, STREAM (FEET)	02/03/80-12/03/80	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	02/03/80-12/03/80	2	5.35	5.35	6.3	4.4	1.805	1.344	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/09/80-03/11/81	9	0.9	5.722	43.	0.5	195.809	13.993	0.5	0.55	2.	43.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/09/80-04/09/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	3	865.	880.	965.	810.	6175.	78.581	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/80-03/11/81	9	740.	768.333	940.	495.	20950.	144.741	495.	685.	910.	940.
00300	OXYGEN, DISSOLVED MG/L	02/03/80-03/11/81	9	7.4	6.733	9.1	3.9	3.688	1.92	3.9	4.6	8.4	9.1
00315	BOD, 7 DAY, 20 DEG C MG/L	02/03/80-12/03/80	2 ##	30.25	30.25	58.	2.5	1540.125	39.244	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/03/80-03/11/81	10	15.	14.65	24.	7.5	23.447	4.842	7.75	10.	16.25	23.6
00400	PH (STANDARD UNITS)	04/09/80-04/09/80	3	8.6	8.433	8.7	8.	0.143	0.379	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-04/09/80	3	8.6	8.316	8.7	8.	0.164	0.405	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-04/09/80	3	0.003	0.005	0.01	0.002	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/80-03/11/81	10	1.	1.	2.	0.	0.222	0.471	0.1	1.	1.	1.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	9	121.	124.444	141.	100.	185.278	13.612	100.	116.	139.	141.
00440	BICARBONATE ION (MG/L AS HCO3)	02/03/80-03/11/81	10	145.	146.2	168.	118.	244.844	15.648	119.6	137.	163.	167.8
00445	CARBONATE ION (MG/L AS CO3)	02/03/80-03/11/81	10	2.	1.8	4.	0.	2.178	1.476	0.	0.	2.5	4.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/09/80-03/11/81	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/80-03/11/81	9 ##	2.5	11.056	58.	2.5	360.465	18.986	2.5	2.5	13.25	58.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/80-03/11/81	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/03/80-12/03/80	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/03/80-12/03/80	9	0.45	0.478	0.95	0.1	0.056	0.237	0.1	0.325	0.6	0.95
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/80-12/03/80	8	0.55	0.531	0.95	0.1	0.061	0.248	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-03/11/81	9	0.3	0.278	0.6	0.1	0.019	0.139	0.1	0.2	0.3	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/80-03/11/81	10	0.45	0.465	0.95	0.1	0.052	0.227	0.12	0.338	0.575	0.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-03/11/81	9	0.025	0.024	0.04	0.01	0.	0.011	0.01	0.015	0.035	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/03/80-12/03/80	9 ##	0.01	0.016	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/80-03/11/81	9	5.2	5.089	10.3	1.	6.816	2.611	1.	3.5	5.9	10.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/80-03/11/81	9	244.	246.444	286.	172.	1375.778	37.091	172.	228.	284.	286.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/80-03/11/81	10	63.5	63.9	76.	45.	107.211	10.354	45.5	58.25	73.25	75.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/80-03/11/81	10	19.	19.9	25.	15.	11.433	3.381	15.2	17.75	23.5	25.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/80-03/11/81	10	67.5	68.5	95.	43.	328.5	18.125	43.2	51.75	85.	94.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/80-03/11/81	10	4.	3.9	5.	2.	0.989	0.994	2.1	3.	5.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/80-03/11/81	10	39.	45.3	66.	24.	231.344	15.21	24.8	34.25	62.5	65.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/09/80-03/11/81	9	62.	53.556	70.	24.	262.028	16.187	24.	38.	65.	70.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/03/80-03/11/81	10	187.	191.8	249.	112.	1999.733	44.718	115.	165.25	237.75	248.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/03/80-12/03/80	9	0.25	0.24	0.28	0.19	0.001	0.032	0.19	0.21	0.265	0.28

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

Parameter Inventory for Station: GLCA0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/03/80-12/03/80	9	8.	8.222	9.	7.	0.444	0.667	7.	8.	9.	9.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/03/80-03/11/81	10	1.	1.05	2.	0.5	0.136	0.369	0.55	1.	1.	1.9
01007	BARIUM, TOTAL (UG/L AS BA)	02/03/80-03/11/81	10 ##	0.025	0.029	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.057
01020	BORON, DISSOLVED (UG/L AS B)	02/03/80-03/11/81	10	132.5	142.5	200.	105.	918.056	30.299	105.5	121.25	163.75	197.5
01027	CADMIUM, TOTAL (UG/L AS CD)	02/03/80-03/11/81	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/03/80-12/03/80	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/03/80-03/11/81	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	02/03/80-03/11/81	10 ##	5.	8.5	15.	5.	22.5	4.743	5.	5.	15.	15.
01051	LEAD, TOTAL (UG/L AS PB)	02/03/80-03/11/81	10 ##	5.	4.5	5.	2.5	1.111	1.054	2.5	4.375	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/03/80-03/11/81	10 ##	5.	16.5	80.	5.	655.833	25.609	5.	5.	15.	76.5
01067	NICKEL, TOTAL (UG/L AS NI)	02/03/80-03/11/81	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01077	SILVER, TOTAL (UG/L AS AG)	04/09/80-03/11/81	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	04/09/80-03/11/81	9	45.	41.778	110.	2.5	1349.632	36.737	2.5	7.75	70.	110.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/03/80-03/11/81	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01501	ALPHA, TOTAL	04/09/80-04/09/80	3	3.	2.667	5.	0.	6.333	2.517	**	**	**	**
03501	BETA, TOTAL	04/09/80-04/09/80	3	14.	15.333	25.	7.	82.333	9.074	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/09/80-04/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	04/09/80-04/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	04/09/80-04/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/09/80-03/11/81	9	482.	497.778	612.	310.	10071.444	100.357	310.	443.	601.	612.
71830	HYDROXIDE ION (MG/L AS OH)	02/03/80-03/11/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/09/80-12/03/80	8 ##	0.01	0.015	0.04	0.01	0.	0.011	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/03/80-03/11/81	10 ##	0.05	0.07	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/09/80-03/11/81	8	27.15	46.375	118.	0.	2768.008	52.612	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	02/03/80-03/11/81	10	0.06	0.053	0.08	0.015	0.001	0.025	0.015	0.026	0.073	0.08

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

EPA Water Quality Criteria Analysis for Station: GLCA0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	1	0.11	2	0	0.00	1	1	1.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	100.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	3 &	1	0.33				1	0	0.00	2	1	0.50			
01067	NICKEL, TOTAL	Fresh Acute	1400.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	100.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			

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

Station Inventory for Station: GLCA0120

NPS Station ID: GLCA0120
LAT/LON: 37.483337/-110.643892
Agency: 112WRD
Date Created: 03/27/82
Location: NR006.0790X0114
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372900110383801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 14070001000107.43
RF3 Mile Point: 8.73
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/57-09/09/57	1	439.	439.	439.	439.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/09/57-09/09/57	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/09/57-09/09/57	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/57-09/09/57	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/09/57-09/09/57	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/57-09/09/57	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/09/57-09/09/57	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/57-09/09/57	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/57-09/09/57	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/57-09/09/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/57-09/09/57	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/57-09/09/57	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/09/57-09/09/57	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/09/57-09/09/57	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/57-09/09/57	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/57-09/09/57	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/57-09/09/57	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/57-09/09/57	1	276.	276.	276.	276.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/57-09/09/57	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0121

NPS Station ID: GLCA0121 LAT/LON: 37.500005/-110.733337 Agency: 11EPALES Date Created: / /
Location: LAKE POWELL FIPS State/County: 49025 UTAH/KANE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 040806
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 Depth of Water: 126 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070001 RF1 Mile Point: 0.000 Distance from RF1: 10.40 On/Off RF1:
RF3 Index: 14070001036700.93 RF3 Mile Point: 3.59 Distance from RF3: 0.02 On/Off RF3:
Description:
BULLFROG BAY; 195 DEGREES FR BULLFROG MARINA BOAT LANDING; EQUAL DISTANT BETWEEN N AND S SHORES.
COMMENTS: 4-16 ULE 8; INTEG 25 FT. 8-15 ULE 13; 1% LIGHT, 22 FT; INTEG 22 FT; DEPTH 172 FT.
11-25 WIND NECESSITATED MOVE INTO MARINA AREA; DEPTH 42 FT.

Parameter Inventory for Station: GLCA0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/03/75	26	11.5	13.688	27.5	8.1	33.055	5.749	8.98	10.075	14.1	26.68
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/03/75	26	93.	94.054	98.	91.5	4.94	2.223	92.	92.2	96.725	97.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/03/75	4	168.	159.	216.	84.	3108.	55.749	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/03/75	26	563.5	552.885	730.	438.	4809.466	69.35	451.4	511.5	580.25	631.4
00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/03/75	25	7.8	7.776	9.8	3.8	1.948	1.396	6.	7.1	9.1	9.48
00400	PH (STANDARD UNITS)	04/16/75-12/03/75	21	8.35	8.279	8.95	7.9	0.112	0.335	7.92	8.	8.45	8.92
00400	CONVERTED PH (STANDARD UNITS)	04/16/75-12/03/75	21	8.35	8.177	8.95	7.9	0.123	0.351	7.92	8.	8.45	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/75-12/03/75	21	0.004	0.007	0.013	0.001	0.	0.004	0.001	0.004	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/03/75	26	119.5	121.692	143.	106.	77.982	8.831	107.7	117.	127.	133.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/03/75	26 ##	0.01	0.018	0.04	0.01	0.	0.01	0.01	0.01	0.03	0.033
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/03/75	26	0.2	0.2	0.6	0.1	0.014	0.117	0.1	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/03/75	26	0.36	0.352	0.59	0.04	0.017	0.13	0.061	0.3	0.423	0.475
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/03/75	26	0.01	0.01	0.013	0.008	0.	0.002	0.008	0.009	0.011	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/03/75	25	0.006	0.006	0.014	0.001	0.	0.004	0.001	0.002	0.008	0.012
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-12/03/75	4	1.7	2.875	7.3	0.8	8.909	2.985	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/03/75	4	138.	122.5	172.	42.	3233.	56.859	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	25	1	0.04	7	1	0.14	10	0	0.00	8	0	0.00			
00400	PH	Other-Hi Lim.	9.	21	0	0.00	7	0	0.00	6	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00	6	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00			

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

Station Inventory for Station: GLCA0122

NPS Station ID: GLCA0122
Location: LAKE POWELL
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 14070001
Major Basin:
Minor Basin:
RF1 Index: 14070001019
RF3 Index: 14070001003008.89
Description:

LAT/LON: 37.534726/-110.651948
Depth of Water: 999
Elevation: 0
RF1 Mile Point: 4.610
RF3 Mile Point: 13.90

Agency: 11EPALES
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): 040810
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.12

Date Created: 01/09/76
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: GLCA0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/03/75	25	11.5	12.96	27.4	7.3	36.446	6.037	8.26	9.3	11.8	26.32
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	16	92.	91.1	94.	83.1	9.636	3.104	85.13	89.85	93.75	94.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/03/75	3	162.	158.	216.	96.	3612.	60.1	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/03/75	25	582.	609.4	776.	465.	9627.833	98.122	478.2	524.5	691.5	752.8
00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/03/75	25	8.	8.128	10.	5.4	1.843	1.358	5.72	7.4	9.4	9.88
00400	PH (STANDARD UNITS)	04/28/75-12/03/75	25	8.1	8.186	8.95	7.9	0.069	0.262	7.96	8.	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-12/03/75	25	8.1	8.13	8.95	7.9	0.072	0.268	7.96	8.	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-12/03/75	25	0.008	0.007	0.013	0.001	0.	0.003	0.003	0.005	0.01	0.011
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/03/75	25	135.	130.72	164.	98.	356.543	18.882	102.8	116.	149.	153.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/03/75	25	0.02	0.024	0.06	0.01	0.	0.014	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/03/75	25	0.2	0.196	0.4	0.1	0.007	0.084	0.1	0.1	0.25	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/03/75	25	0.41	0.417	0.64	0.06	0.02	0.143	0.192	0.355	0.535	0.584
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/03/75	25	0.01	0.011	0.016	0.007	0.	0.003	0.009	0.009	0.013	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/03/75	20	0.006	0.007	0.019	0.001	0.	0.005	0.001	0.003	0.009	0.013
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/03/75	3	1.2	2.7	5.8	1.1	7.21	2.685	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/03/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			
00400	PH	Other-Hi Lim.	9.	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00			

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

Station Inventory for Station: GLCA0123

NPS Station ID: GLCA0123
LAT/LON: 37.553615/-110.774726
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040818
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 56
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001011
RF1 Mile Point: 5.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/75-12/02/75	19	12.4	14.674	27.4	9.1	40.832	6.39	9.1	10.5	19.1	27.4
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/02/75	14	93.05	92.229	100.	71.2	43.881	6.624	80.6	91.15	96.	98.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/29/75-12/02/75	4	141.	132.	174.	72.	2136.	46.217	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/75-12/02/75	19	533.	499.842	600.	412.	6153.251	78.443	412.	417.	575.	599.
00300	OXYGEN, DISSOLVED MG/L	04/29/75-12/02/75	18	8.1	7.533	9.6	1.8	5.242	2.29	2.34	7.3	9.45	9.6
00400	PH (STANDARD UNITS)	04/29/75-12/02/75	14	8.4	8.329	8.95	7.65	0.145	0.38	7.725	8.1	8.525	8.95
00400	CONVERTED PH (STANDARD UNITS)	04/29/75-12/02/75	14	8.4	8.18	8.95	7.65	0.168	0.41	7.725	8.1	8.525	8.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/75-12/02/75	14	0.004	0.007	0.022	0.001	0.	0.006	0.001	0.003	0.008	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/75-12/02/75	19	117.	120.895	140.	107.	132.433	11.508	107.	113.	137.	139.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/75-12/02/75	19 ##	0.01	0.017	0.04	0.01	0.	0.011	0.01	0.01	0.02	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/75-12/02/75	19	0.2	0.211	0.4	0.1	0.015	0.124	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/75-12/02/75	18	0.305	0.306	0.43	0.01	0.013	0.113	0.073	0.28	0.41	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/75-12/02/75	19	0.01	0.011	0.03	0.009	0.	0.005	0.009	0.009	0.011	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/75-12/02/75	18 ##	0.004	0.004	0.013	0.001	0.	0.004	0.001	0.001	0.006	0.012
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/29/75-12/02/75	4	1.8	2.8	6.3	1.3	5.56	2.358	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/29/75-12/02/75	4	63.	60.	74.	40.	237.333	15.406	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	18	2	0.11	5	2	0.40	8	0	0.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00	4	0	0.00	9	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0124

NPS Station ID: GLCA0124
LAT/LON: 37.613615/-111.176670
Agency: 112WRD
Date Created: 01/23/82
Location: ESCALANTE R. AB TRIB AT (D-37- 7) 6DCD
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373649111103601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070005012
RF1 Mile Point: 5.040
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/81-10/22/81	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/81-10/22/81	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/81-10/22/81	1	510.	510.	510.	510.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/22/81-10/22/81	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/22/81-10/22/81	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/81-10/22/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/22/81-10/22/81	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/81-10/22/81	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/81-10/22/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/22/81-10/22/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/81-10/22/81	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/81-10/22/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/81-10/22/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/81-10/22/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/22/81-10/22/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/22/81-10/22/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/81-10/22/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/81-10/22/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/81-10/22/81	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/22/81-10/22/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/81-10/22/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/81-10/22/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/22/81-10/22/81	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/22/81-10/22/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/81-10/22/81	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/22/81-10/22/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/81-10/22/81	1	318.	318.	318.	318.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/22/81-10/22/81	1	67.7	67.7	67.7	67.7	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/81-10/22/81	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0125

NPS Station ID: GLCA0125
LAT/LON: 37.614448/-110.788616
Agency: 21UTAH
Date Created: 11/24/90
Location: BULLFROG CK AB LAKE POWELL AT NOTOM RD XING
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495219
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 9.20
On/Off RF1:
RF3 Index: 14070001027000.00
RF3 Mile Point: 2.53
Distance from RF3: 0.63
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/80-10/19/80	3	18.	18.833	24.	14.5	23.083	4.805	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/80-10/19/80	3	5.	5.067	10.	0.2	24.013	4.9	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/19/80-10/19/80	3	2050.	2016.667	2200.	1800.	40833.333	202.073	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/80-10/19/80	3	8.3	7.733	8.7	6.2	1.803	1.343	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/80-10/19/80	3	8.15	8.217	8.4	8.1	0.026	0.161	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/80-10/19/80	3	8.15	8.198	8.4	8.1	0.026	0.162	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/80-10/19/80	3	0.007	0.006	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/80-10/19/80	3	140.	135.333	142.	124.	97.333	9.866	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/19/80-10/19/80	3	166.	163.333	173.	151.	126.333	11.24	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/80-10/19/80	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/80-10/19/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/80-10/19/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/80-10/19/80	2	0.565	0.565	0.69	0.44	0.031	0.177	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/80-10/19/80	2	0.065	0.065	0.12	0.01	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/80-10/19/80	2	0.385	0.385	0.5	0.27	0.026	0.163	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/80-10/19/80	3	192.	193.333	252.	136.	3365.333	58.011	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	06/19/80-10/19/80	3	218000.	220000.	290000.	152000.	4764000000.	69021.736	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/80-10/19/80	3	64.8	67.2	76.8	60.	74.88	8.653	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/19/80-10/19/80	3	217.	216.667	283.	150.	4422.333	66.501	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/19/80-10/19/80	3	20.	24.	36.	16.	112.	10.583	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/19/80-10/19/80	3	870.	970.	1330.	710.	103600.	321.87	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/19/80-10/19/80	3	0.55	0.557	0.64	0.48	0.006	0.08	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/19/80-10/19/80	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/19/80-10/19/80	3	4.	2.833	4.	0.5	4.083	2.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/19/80-10/19/80	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/19/80-10/19/80	3	8.	5.667	8.	1.	16.333	4.041	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/19/80-10/19/80	3	33.	29.	38.	16.	133.	11.533	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/19/80-10/19/80	3	20.	19.	25.	12.	43.	6.557	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/80-10/19/80	3	25.	24.333	28.	20.	16.333	4.041	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/19/80-10/19/80	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/80-10/19/80	3	2.	1.833	3.	0.5	1.583	1.258	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/19/80-10/19/80	3	5.	7.333	16.	1.	60.333	7.767	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-10/19/80	3	20.	25.	38.	17.	129.	11.358	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/19/80-10/19/80	3	1.	15.5	45.	0.5	652.75	25.549	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/80-10/19/80	3	20.	26.667	50.	10.	433.333	20.817	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/19/80-10/19/80	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/19/80-10/19/80	3	4.	4.	5.	3.	1.	1.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/19/80-10/19/80	3	22100.	21966.667	26300.	17500.	19373333.333	4401.515	**	**	**	**

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

Parameter Inventory for Station: GLCA0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/19/80-10/19/80	3	4.344	4.336	4.42	4.243	0.008	0.089	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			21666.829								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/19/80-10/19/80	3	1450.	1568.	2060.	1194.	197932.	444.895	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/19/80-10/19/80	2 ##	0.143	0.143	0.28	0.005	0.038	0.194	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/19/80-10/19/80	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	2	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	3	1.00	2	2	1.00							1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	50.	3	0	0.00	2	0	0.00							1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	50.	3	0	0.00	2	0	0.00							1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	5.	3	0	0.00	2	0	0.00							1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	100.	3	0	0.00	2	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	2	0.67	2	2	1.00							1	0	0.00
		Drinking Water	1300.	3	0	0.00	2	0	0.00							1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00	2	2	1.00							1	1	1.00
		Drinking Water	1300.	3	0	0.00	2	0	0.00							1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	5.	3	0	0.00	2	0	0.00							1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	5.	3	0	0.00	2	0	0.00							1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	100.	3	0	0.00	2	0	0.00							1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	2	0	0.00							1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00							1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	50.	3	0	0.00	2	0	0.00							1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	50.	3	0	0.00	2	0	0.00							1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	3	1.00	2	2	1.00							1	1	1.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	2.	3	0	0.00	2	0	0.00							1	0	0.00

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

Station Inventory for Station: GLCA0126

NPS Station ID: GLCA0126
LAT/LON: 37.636392/-110.716115
Agency: 112WRD
Date Created: 02/28/78
Location: (D-36-11)32ACD-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 373811110425801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 17.40
On/Off RF1:
RF3 Index: 14070001024300.00
RF3 Mile Point: 2.18
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0126

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/75-08/17/75	1		25.	25.	25.	25.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/17/75-08/17/75	1	##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/75-08/17/75	1		0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/75-08/17/75	1		4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	1		125.	125.	125.	125.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/75-08/17/75	1		152.	152.	152.	152.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/75-08/17/75	1		3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/17/75-08/17/75	1		0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/75-08/17/75	1	##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	1		1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/75-08/17/75	1		1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/75-08/17/75	1		360.	360.	360.	360.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/75-08/17/75	1		130.	130.	130.	130.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/75-08/17/75	1		520.	520.	520.	520.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/75-08/17/75	1		6.	6.	6.	6.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/17/75-08/17/75	1		44.	44.	44.	44.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/75-08/17/75	1		11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/75-08/17/75	1		48.	48.	48.	48.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/75-08/17/75	1		2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/75-08/17/75	1		0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/75-08/17/75	1		16.	16.	16.	16.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/17/75-08/17/75	1	##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/17/75-08/17/75	1		150.	150.	150.	150.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/17/75-08/17/75	1		2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/17/75-08/17/75	1	##	10.	10.	10.	10.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/17/75-08/17/75	1		180.	180.	180.	180.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/75-08/17/75	1		3520.	3520.	3520.	3520.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/75-08/17/75	1		3380.	3380.	3380.	3380.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/75-08/17/75	1		0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/75-08/17/75	1		4.79	4.79	4.79	4.79	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0127

NPS Station ID: GLCA0127
LAT/LON: 37.648059/-110.720003
Agency: 21UTAH
Date Created: 03/06/93
Location: MILLRACE SPRING
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599073
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/80-06/16/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/16/80-06/16/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/80-06/16/80	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/16/80-06/16/80	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/80-06/16/80	1	8.18	8.18	8.18	8.18	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/80-06/16/80	1	8.18	8.18	8.18	8.18	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/80-06/16/80	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/80-06/16/80	1	164.	164.	164.	164.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/16/80-06/16/80	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/80-06/16/80	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/80-06/16/80	1	428.	428.	428.	428.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	06/16/80-06/16/80	1	386.	386.	386.	386.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/80-06/16/80	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/80-06/16/80	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/80-06/16/80	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/16/80-06/16/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/16/80-06/16/80	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/16/80-06/16/80	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/16/80-06/16/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/16/80-06/16/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/80-06/16/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/16/80-06/16/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/16/80-06/16/80	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/80-06/16/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/80-06/16/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/80-06/16/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/16/80-06/16/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/16/80-06/16/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/16/80-06/16/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/80-06/16/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/80-06/16/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/16/80-06/16/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/16/80-06/16/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/16/80-06/16/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	1	1.00										1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0128

NPS Station ID: GLCA0128
LAT/LON: 37.654170/-110.774449
Agency: 21UTAH
Date Created: 06/08/91
Location: CLAY POINT SEEP T36S R10E SEC26 NE1/4 NE1/4
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 14070001004112.46
RF3 Mile Point: 18.31
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/15/84-10/15/84	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/84-10/15/84	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	1	356.	356.	356.	356.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/84-10/15/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/15/84-10/15/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/84-10/15/84	1	0.246	0.246	0.246	0.246	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-10/15/84	1	1.04	1.04	1.04	1.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/84-10/15/84	1	4.258	4.258	4.258	4.258	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/15/84-10/15/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/84-10/15/84	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/84-10/15/84	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	10/15/84-10/15/84	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/84-10/15/84	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/15/84-10/15/84	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	1	233.7	233.7	233.7	233.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/84-10/15/84	1	1.47	1.47	1.47	1.47	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/84-10/15/84	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	10/15/84-10/15/84	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/84-10/15/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/15/84-10/15/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/84-10/15/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/84-10/15/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/15/84-10/15/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/84-10/15/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/84-10/15/84	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/84-10/15/84	1	764.	764.	764.	764.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/15/84-10/15/84	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0129

NPS Station ID: GLCA0129
LAT/LON: 37.658615/-110.814727
Agency: 112WRD
Date Created: 04/14/78
Location: (D-36-10)21DCA- 1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373931110485301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 6.10
On/Off RF1:
RF3 Index: 14070001036700.93
RF3 Mile Point: 6.08
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/07/74-03/07/74	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/74-03/07/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/07/74-03/07/74	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/07/74-03/07/74	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/74-03/07/74	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/07/74-03/07/74	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/74-03/07/74	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/07/74-03/07/74	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/74-03/07/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/07/74-03/07/74	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/74-03/07/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/07/74-03/07/74	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/07/74-03/07/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/74-03/07/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/74-03/07/74	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/74-03/07/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/07/74-03/07/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/07/74-03/07/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/74-03/07/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/07/74-03/07/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/07/74-03/07/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/07/74-03/07/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/74-03/07/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/07/74-03/07/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/07/74-03/07/74	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/07/74-03/07/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/74-03/07/74	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/07/74-03/07/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/74-03/07/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/07/74-03/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/07/74-03/07/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/07/74-03/07/74	1	262.	262.	262.	262.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/74-03/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0130

NPS Station ID: GLCA0130
LAT/LON: 37.685837/-110.413060
Agency: 21UTAH
Date Created: 02/23/80
Location: RED CANYON AT MOUTH (HIGH WATER LINE)
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495222
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R BASIN
ECO Region:
RF1 Index: 14070001003
RF1 Mile Point: 58.804
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14070001001800.00
RF3 Mile Point: 0.14
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/80-09/11/80	2	21.75	21.75	26.	17.5	36.125	6.01	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/80-09/11/80	2	1.65	1.65	3.	0.3	3.645	1.909	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/18/80-09/11/80	2	513.5	513.5	1000.	27.	473364.5	688.015	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/18/80-09/11/80	2	1400.	1400.	2000.	800.	720000.	848.528	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/80-09/11/80	2	1500.	1500.	2190.	810.	952200.	975.807	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/80-09/11/80	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/18/80-03/18/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	2 ##	28.75	28.75	50.	7.5	903.125	30.052	**	**	**	**
00400	PH (STANDARD UNITS)	03/18/80-09/11/80	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/18/80-09/11/80	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/80-09/11/80	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/80-09/11/80	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/80-09/11/80	2	233.5	233.5	282.	185.	4704.5	68.589	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/18/80-09/11/80	2	275.	275.	324.	226.	4802.	69.296	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/18/80-09/11/80	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/18/80-09/11/80	2	5009.5	5009.5	9999.	20.	49790220.5	7056.219	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/80-09/11/80	2	5009.5	5009.5	9999.	20.	49790220.5	7056.219	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/80-09/11/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/18/80-09/11/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/80-09/11/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/18/80-09/11/80	2	1.525	1.525	1.9	1.15	0.281	0.53	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/80-09/11/80	2	1.525	1.525	1.9	1.15	0.281	0.53	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/80-09/11/80	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/80-09/11/80	2	1.525	1.525	1.9	1.15	0.281	0.53	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/80-09/11/80	2	1.265	1.265	2.5	0.03	3.05	1.747	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/80-09/11/80	2 ##	0.028	0.028	0.03	0.025	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	2	7.5	7.5	8.5	6.5	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/80-09/11/80	2	166.	166.	280.	52.	25992.	161.22	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/80-09/11/80	2	55.	55.	94.	16.	3042.	55.154	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/80-09/11/80	2	7.	7.	11.	3.	32.	5.657	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/80-09/11/80	2	314.	314.	468.	160.	47432.	217.789	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/80-09/11/80	2	10.	10.	13.	7.	18.	4.243	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/80-09/11/80	2	107.	107.	181.	33.	10952.	104.652	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/18/80-09/11/80	2	107.	107.	181.	33.	10952.	104.652	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/18/80-09/11/80	2	363.	363.	560.	166.	77618.	278.6	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/80-09/11/80	2	0.59	0.59	0.66	0.52	0.01	0.099	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/80-09/11/80	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-03/18/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GLCA0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/80-09/11/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-03/18/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/11/80-09/11/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/18/80-09/11/80	2	152.5	152.5	165.	140.	312.5	17.678	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-03/18/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/80-09/11/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-03/18/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/18/80-09/11/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/80-09/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/11/80-09/11/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-03/18/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/11/80-09/11/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/80-09/11/80	1	205.	205.	205.	205.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-03/18/80	1	258.	258.	258.	258.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/11/80-09/11/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-03/18/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/11/80-09/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-03/18/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/11/80-09/11/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-03/18/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/11/80-09/11/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	09/11/80-09/11/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/11/80-09/11/80	1	185.	185.	185.	185.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/11/80-09/11/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	09/11/80-09/11/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	09/11/80-09/11/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/80-09/11/80	2	21615.	21615.	43000.	230.	914636450.	30242.957	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/80-09/11/80	2	3.498	3.498	4.633	2.362	2.58	1.606	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3144.837								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/80-09/11/80	2 ##	455.75	455.75	900.	11.5	394716.125	628.264	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/80-09/11/80	2 ##	2.007	2.007	2.954	1.061	1.793	1.339	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			101.735								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/80-09/11/80	2	990.5	990.5	1463.	518.	446512.5	668.216	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/18/80-09/11/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/80-09/11/80	2 ##	0.028	0.028	0.03	0.025	0.	0.004	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/18/80-09/11/80	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/18/80-09/11/80	2	4.735	4.735	8.45	1.02	27.602	5.254	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	2	1	0.50	1	0	0.00				1	1	1.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50	1	1	1.00				1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	1	1	1.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: GLCA0131

NPS Station ID: GLCA0131
LAT/LON: 37.687226/-110.907782
Agency: 112WRD
Date Created: 02/28/78
Location: (D-36- 9)10DCB-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374114110542801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 11.10
On/Off RF1:
RF3 Index: 14070001004505.51
RF3 Mile Point: 11.25
Distance from RF3: 1.09
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/75-08/19/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/75-08/19/75	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/59-08/19/75	2	915.	915.	975.	855.	7200.	84.853	**	**	**	**
00400	PH (STANDARD UNITS)	04/26/59-04/26/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/26/59-04/26/59	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/59-04/26/59	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/26/59-04/26/59	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/59-08/19/75	2	231.	231.	241.	221.	200.	14.142	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/26/59-08/19/75	2	281.5	281.5	294.	269.	312.5	17.678	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/26/59-04/26/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/26/59-04/26/59	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/75-08/19/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/19/75-08/19/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/75-08/19/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/59-08/19/75	2	387.5	387.5	410.	365.	1012.5	31.82	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/26/59-08/19/75	2	157.	157.	170.	144.	338.	18.385	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/26/59-08/19/75	2	82.	82.	85.	79.	18.	4.243	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/26/59-08/19/75	2	45.	45.	49.	41.	32.	5.657	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/75-08/19/75	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/26/59-08/19/75	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/26/59-08/19/75	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/26/59-04/26/59	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/75-08/19/75	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/59-08/19/75	2	24.5	24.5	27.	22.	12.5	3.536	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/59-08/19/75	2	263.	263.	280.	246.	578.	24.042	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/26/59-08/19/75	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/26/59-08/19/75	2	16.	16.	18.	14.	8.	2.828	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/75-08/19/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/26/59-08/19/75	2	125.	125.	130.	120.	50.	7.071	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/75-08/19/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/75-08/19/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/75-08/19/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/75-08/19/75	1	703.	703.	703.	703.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/75-08/19/75	1	681.	681.	681.	681.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/75-08/19/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/75-08/19/75	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/26/59-04/26/59	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0132

NPS Station ID: GLCA0132
LAT/LON: 37.693059/-110.907782
Agency: 112WRD
Date Created: 02/28/78
Location: (D-36- 9)10ACC-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374135110542800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 9.10
On/Off RF1:
RF3 Index: 14070001011300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/75-08/19/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/19/75-08/19/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/75-08/19/75	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/75-08/19/75	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/19/75-08/19/75	1	287.	287.	287.	287.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/75-08/19/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/19/75-08/19/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/75-08/19/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/75-08/19/75	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/75-08/19/75	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/75-08/19/75	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/75-08/19/75	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/75-08/19/75	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/75-08/19/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/75-08/19/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/75-08/19/75	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/75-08/19/75	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/75-08/19/75	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/75-08/19/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/75-08/19/75	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/75-08/19/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/75-08/19/75	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/75-08/19/75	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/75-08/19/75	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/75-08/19/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/75-08/19/75	1	2560.	2560.	2560.	2560.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/75-08/19/75	1	2390.	2390.	2390.	2390.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/75-08/19/75	1	3.48	3.48	3.48	3.48	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: GLCA0133

NPS Station ID: GLCA0133
LAT/LON: 37.700004/-110.423338
Agency: 112WRD
Date Created: 03/27/82
Location: MM.0950X0344
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374200110252401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 14070001015900.00
RF3 Mile Point: 1.39
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/60-05/13/60	1	2540.	2540.	2540.	2540.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/60-05/13/60	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/60-05/13/60	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/60-05/13/60	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/60-05/13/60	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/60-05/13/60	1	241.	241.	241.	241.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/60-05/13/60	1	294.	294.	294.	294.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/13/60-05/13/60	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/13/60-05/13/60	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/60-05/13/60	1	756.	756.	756.	756.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/60-05/13/60	1	515.	515.	515.	515.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/60-05/13/60	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/60-05/13/60	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/60-05/13/60	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/13/60-05/13/60	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/13/60-05/13/60	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/60-05/13/60	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/60-05/13/60	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/60-05/13/60	1	694.	694.	694.	694.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/13/60-05/13/60	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/13/60-05/13/60	1	980.	980.	980.	980.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/60-05/13/60	1	1780.	1780.	1780.	1780.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/13/60-05/13/60	1	1730.	1730.	1730.	1730.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/13/60-05/13/60	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0134

NPS Station ID: GLCA0134
LAT/LON: 37.702226/-110.581948
Agency: 112WRD
Date Created: 02/28/78
Location: T(D-35-12)27CCB-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374206110344800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 9.90
On/Off RF1:
RF3 Index: 14070001022601.38
RF3 Mile Point: 4.43
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/75-08/18/75	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/75-08/18/75	1	480.	480.	480.	480.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/75-08/18/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/18/75-08/18/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/75-08/18/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/75-08/18/75	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/75-08/18/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/75-08/18/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/75-08/18/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/75-08/18/75	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/75-08/18/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/75-08/18/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/75-08/18/75	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/75-08/18/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/75-08/18/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/75-08/18/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/75-08/18/75	1	261.	261.	261.	261.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/75-08/18/75	1	268.	268.	268.	268.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/75-08/18/75	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0135

NPS Station ID: GLCA0135
LAT/LON: 37.712226/-110.466948
Agency: 112WRD
Date Created: 03/27/82
Location: (D-35-13)35 - MM.1189X0261
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374244110280101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 14070001002010.30
RF3 Mile Point: 10.30
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/48-09/08/57	2	2480.	2480.	2510.	2450.	1800.	42.426	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/57-09/08/57	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/57-09/08/57	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/57-09/08/57	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/57-09/08/57	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/48-09/08/57	2	183.5	183.5	185.	182.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/04/48-09/08/57	2	224.	224.	226.	222.	8.	2.828	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/48-09/08/57	2	0.5	0.5	0.75	0.25	0.125	0.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/48-09/08/57	2	682.	682.	694.	670.	288.	16.971	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/04/48-09/08/57	2	500.	500.	510.	490.	200.	14.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/48-09/08/57	2	134.	134.	143.	125.	162.	12.728	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/48-09/08/57	2	84.5	84.5	87.	82.	12.5	3.536	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/04/48-09/08/57	2	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/04/48-09/08/57	2	314.	314.	327.	301.	338.	18.385	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/48-09/08/57	2	320.5	320.5	325.	316.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/48-09/08/57	2	698.5	698.5	706.	691.	112.5	10.607	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/48-09/08/57	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/48-10/04/48	1	1660.	1660.	1660.	1660.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/57-09/08/57	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/48-09/08/57	2	2.2	2.2	3.3	1.1	2.42	1.556	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	2	1.00	2	2	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: GLCA0136

NPS Station ID: GLCA0136
LAT/LON: 37.713615/-110.463892
Agency: 112WRD
Date Created: 03/27/82
Location: MM.1172X0251
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374249110275001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.70
On/Off RF1:
RF3 Index: 14070001011900.00
RF3 Mile Point: 7.56
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-04/27/59	1	4970.	4970.	4970.	4970.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/27/59-04/27/59	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/27/59-04/27/59	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/59-04/27/59	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-04/27/59	1	1290.	1290.	1290.	1290.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	1	659.	659.	659.	659.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-04/27/59	1	804.	804.	804.	804.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-04/27/59	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-04/27/59	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-04/27/59	1	441.	441.	441.	441.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-04/27/59	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/27/59-04/27/59	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-04/27/59	1	604.	604.	604.	604.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-04/27/59	1	685.	685.	685.	685.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-04/27/59	1	1420.	1420.	1420.	1420.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-04/27/59	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-04/27/59	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/27/59-04/27/59	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/59-04/27/59	1	3740.	3740.	3740.	3740.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-04/27/59	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0137

NPS Station ID: GLCA0137
LAT/LON: 37.715281/-110.461670
Agency: 112WRD
Date Created: 03/27/82
Location: MM.1160X0240
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 374255110274201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.70
On/Off RF1:
RF3 Index: 14070001011900.00
RF3 Mile Point: 5.21
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/47-09/23/47	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/23/47-09/23/47	1	242.	242.	242.	242.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/47-09/23/47	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/47-09/23/47	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/47-09/23/47	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/47-09/23/47	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/47-09/23/47	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/47-09/23/47	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/23/47-09/23/47	1	323.	323.	323.	323.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/47-09/23/47	1	344.	344.	344.	344.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/47-09/23/47	1	718.	718.	718.	718.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/47-09/23/47	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/47-09/23/47	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/47-09/23/47	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00	1	1	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0138

NPS Station ID: GLCA0138 | LAT/LON: 37.744448/-110.450005 | Agency: 11EPALES | Date Created: / /
Location: LAKE POWELL | FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 040805
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 | Depth of Water: 999 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14070001023 | RF1 Mile Point: 1.870 | Distance from RF1: 10.50 | On/Off RF1: ON
RF3 Index: 14070001001601.02 | RF3 Mile Point: 1.88 | Distance from RF3: 0.69 | On/Off RF3:
Description:
RIVER CHANNEL NW OF BLUE NOTCH CANYON AND CASTLE BUTTE; 345 DEGREES FR CASTLE BUTTE, 100 YDS FR W SHORE.
COMMENTS: 4-16 ULE 12, INTEG 25 FT. 8-15 ULE 15; 1% LIGHT, 6M; INTEG 15 FT; DEPTH 149 FT.
12-3 GREEN COLOR; NO PARTICULATES; INTEG 25 FT; DEPTH 999 FT, POSS 240.

Parameter Inventory for Station: GLCA0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/75-12/03/75	25	9.5	12.636	24.5	7.8	30.548	5.527	8.76	9.15	12.6	24.38
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/16/75-12/03/75	25	92.3	91.776	96.7	73.4	23.735	4.872	85.16	92.	93.2	96.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/16/75-12/03/75	3	144.	126.	156.	78.	1764.	42.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/75-12/03/75	25	632.	665.	972.	490.	9629.167	98.128	573.4	613.5	724.	807.6
00300	OXYGEN, DISSOLVED MG/L	04/16/75-12/03/75	25	8.2	8.152	9.8	5.2	1.538	1.24	5.64	7.9	9.2	9.6
00400	PH (STANDARD UNITS)	04/16/75-12/03/75	25	8.2	8.244	8.65	8.	0.038	0.194	8.	8.1	8.4	8.51
00400	CONVERTED PH (STANDARD UNITS)	04/16/75-12/03/75	25	8.2	8.205	8.65	8.	0.039	0.198	8.	8.1	8.4	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/75-12/03/75	25	0.006	0.006	0.01	0.002	0.	0.003	0.003	0.004	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/75-12/03/75	25	133.	135.6	158.	113.	136.	11.662	116.2	130.5	142.5	157.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/75-12/03/75	25	0.02	0.024	0.05	0.01	0.	0.014	0.01	0.01	0.035	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/75-12/03/75	25 ##	0.1	0.2	0.5	0.1	0.016	0.126	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/16/75-12/03/75	25	0.47	0.449	0.58	0.14	0.011	0.106	0.27	0.43	0.5	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/75-12/03/75	25	0.012	0.015	0.05	0.009	0.	0.009	0.01	0.01	0.016	0.024
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/75-12/03/75	23	0.004	0.006	0.027	0.002	0.	0.006	0.002	0.003	0.007	0.013
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/16/75-12/03/75	3	2.5	2.9	4.7	1.5	2.68	1.637	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/16/75-12/03/75	3	999.	715.667	999.	149.	240833.333	490.748	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	25	0	0.00	7	0	0.00	8	0	0.00	10	0	0.00			
00400	PH	Other-Hi Lim.	9.	25	0	0.00	7	0	0.00	8	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	25	0	0.00	7	0	0.00	8	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00	7	0	0.00	8	0	0.00	10	0	0.00			

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

Station Inventory for Station: GLCA0139

NPS Station ID: GLCA0139
LAT/LON: 37.805281/-110.368338
Agency: 21UTAH
Date Created: 02/23/80
Location: WHITE CANYON AT MOUTH (HIGH WATER LINE)
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495225
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R BASIN
ECO Region:
RF1 Index: 14070001026
RF1 Mile Point: 1.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14070001058000.00
RF3 Mile Point: 0.03
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-09/11/80	3	17.5	17.5	20.	15.	6.25	2.5	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-09/11/80	3	10.	10.033	20.	0.1	99.003	9.95	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-09/11/80	3	120.	373.5	1000.	0.5	297946.75	545.845	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-09/11/80	3	520.	613.333	1000.	320.	122133.333	349.476	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-09/11/80	3	525.	615.	990.	330.	114975.	339.08	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/79-09/11/80	3	8.5	8.533	9.5	7.6	0.903	0.95	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	2 ##	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/18/80-09/11/80	2	51.	51.	86.	16.	2450.	49.497	**	**	**	**
00400	PH (STANDARD UNITS)	05/01/79-09/11/80	3	8.6	8.267	8.7	7.5	0.443	0.666	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/01/79-09/11/80	3	8.6	7.919	8.7	7.5	0.624	0.79	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-09/11/80	3	0.003	0.012	0.032	0.002	0.	0.017	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/01/79-05/01/79	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/01/79-05/01/79	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-05/01/79	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-09/11/80	3	1.	3.	7.	1.	12.	3.464	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	3	191.	178.667	212.	133.	1674.333	40.919	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-09/11/80	3	216.	212.	258.	162.	2316.	48.125	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/01/79-09/11/80	3	0.	2.667	8.	0.	21.333	4.619	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-09/11/80	3	12.	3337.5	9999.	1.5	33281714.25	5769.031	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-09/11/80	3	12.	3337.5	9999.	1.5	33281714.25	5769.031	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-09/11/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-09/11/80	3	0.15	0.15	0.2	0.1	0.003	0.05	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-09/11/80	3	0.15	0.15	0.2	0.1	0.003	0.05	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-09/11/80	3	0.4	0.3	0.4	0.1	0.03	0.173	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-09/11/80	3	0.15	0.125	0.2	0.025	0.008	0.09	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-09/11/80	3	0.11	0.323	0.85	0.01	0.211	0.459	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-09/11/80	3 ##	0.025	0.025	0.04	0.01	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-09/11/80	2	27.2	27.2	42.5	11.9	468.18	21.637	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-09/11/80	3	232.	218.667	288.	136.	5909.333	76.872	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-09/11/80	3	72.	64.667	88.	34.	769.333	27.737	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-09/11/80	3	13.	14.333	17.	13.	5.333	2.309	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-09/11/80	3	36.	50.333	100.	15.	1960.333	44.276	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-09/11/80	3	7.	6.333	7.	5.	1.333	1.155	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-09/11/80	3	15.	29.667	67.	7.	1061.333	32.578	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-09/11/80	3	15.	29.667	67.	7.	1061.333	32.578	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-09/11/80	3	52.	99.	214.	31.	10029.	100.145	**	**	**	**

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

Parameter Inventory for Station: GLCA0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-09/11/80	3	0.2	0.197	0.26	0.13	0.004	0.065	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-09/11/80	3	8.	7.	8.	5.	3.	1.732	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-09/11/80	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-09/11/80	2 ##	72.5	72.5	120.	25.	4512.5	67.175	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-05/01/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-09/11/80	3	125.	421.667	1050.	90.	296408.333	544.434	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-09/11/80	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-09/11/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-09/11/80	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-09/11/80	2 ##	10.	10.	15.	5.	50.	7.071	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-09/11/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-05/01/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-09/11/80	2 ##	13.	13.	21.	5.	128.	11.314	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-09/11/80	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-09/11/80	2 ##	23.75	23.75	45.	2.5	903.125	30.052	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-09/11/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	3	930.	80313.833	240000.	11.5191	24964779.083	138293.04	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-09/11/80	3	2.968	3.136	5.38	1.061	4.686	2.165	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1369.191								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	2 ##	1155.75	1155.75	2300.	11.5	2618616.125	1618.214	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-09/11/80	2 ##	2.211	2.211	3.362	1.061	2.647	1.627	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			162.635								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-09/11/80	3	334.	380.	618.	188.	47812.	218.66	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-09/11/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-09/11/80	3 ##	0.025	0.025	0.04	0.01	0.	0.015	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-03/18/80	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/01/79-09/11/80	3	0.43	12.677	37.5	0.1	462.176	21.498	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	2	0.67	1	1	1.00				2	1	0.50			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	1	0.33	1	1	1.00				2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	1	1	1.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: GLCA0140

NPS Station ID: GLCA0140
LAT/LON: 37.808337/-110.448616
Agency: 112WRD
Date Created: 01/05/78
Location: COLORADO RIVER AT HITE, UTAH
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09335000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001024
RF1 Mile Point: 0.400
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001002701.71
RF3 Mile Point: 6.32
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	12/01/50-09/21/56	1	4660.	4660.	4660.	4660.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/51-08/27/52	36	12700.	33021.111	94200.	3950.	1013598273.016	31837.058	5771.	7267.5	60925.	87400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/50-09/21/56	1	2020.	2020.	2020.	2020.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/01/50-09/21/56	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/01/50-09/21/56	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/50-09/21/56	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/01/50-09/21/56	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/50-09/21/56	1	708.	708.	708.	708.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/01/50-09/21/56	1	535.	535.	535.	535.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/50-09/21/56	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/50-09/21/56	1	697.	697.	697.	697.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/03/51-08/27/52	36	90.	86.111	100.	62.	153.53	12.391	64.	77.25	96.75	99.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/03/51-08/27/52	34	97.5	95.971	100.	81.	23.545	4.852	86.	94.75	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/03/51-07/21/52	26	100.	99.077	100.	95.	2.074	1.44	96.4	99.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/03/51-06/23/52	12	100.	99.833	100.	99.	0.152	0.389	99.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/03/51-05/10/52	6	35.	38.667	66.	23.	241.867	15.552	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/03/51-08/27/52	33	43.	45.273	76.	21.	307.642	17.54	23.2	29.	58.	73.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/03/51-05/10/52	6	49.5	53.5	77.	34.	290.7	17.05	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/03/51-08/27/52	33	65.	65.152	97.	32.	353.633	18.805	40.4	49.5	81.5	89.6
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/03/51-05/10/52	6	74.	70.167	85.	50.	228.167	15.105	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/51-08/27/52	32	2320.	3740.5	18200.	288.	16363661.806	4045.202	462.8	976.5	5032.5	10310.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/03/51-08/27/52	33	3430.	3310.303	5780.	830.	1660153.03	1288.469	1180.	2515.	4255.	4938.

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

EPA Water Quality Criteria Analysis for Station: GLCA0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00										1	1	1.00

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

Station Inventory for Station: GLCA0141

NPS Station ID: GLCA0141
LAT/LON: 37.854170/-110.401115
Agency: 21UTAH
Date Created: 06/21/80
Location: L POWELL-NEAR HITE S OF MARINA
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 495215
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER DRAINAGE
ECO Region:
RF1 Index: 14070001027
RF1 Mile Point: 3.820
Distance from RF1: 13.40
On/Off RF1: OFF
RF3 Index: 14070001044400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-03/11/81	7	8.5	9.157	13.	8.	3.056	1.748	**	**	**	**
00065	STAGE, STREAM (FEET)	12/02/80-12/02/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	12/02/80-12/02/80	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/80-05/19/82	8	1.95	4.375	15.3	0.9	24.596	4.959	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/80-04/08/80	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-04/08/80	3	1050.	719.	1100.	7.	380833.	617.117	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/80-05/19/82	8	797.5	789.	1040.	512.	42189.429	205.401	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/08/80-03/11/81	7	7.9	6.829	9.8	1.3	8.926	2.988	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	12/02/80-12/02/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/08/80-05/19/82	8	15.	12.625	20.	1.	44.768	6.691	**	**	**	**
00400	PH (STANDARD UNITS)	04/08/80-04/08/80	2	8.4	8.4	8.8	8.	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-04/08/80	2	8.237	8.237	8.8	8.	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-04/08/80	2	0.006	0.006	0.01	0.002	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/08/80-05/19/82	8	1.	1.25	2.	1.	0.214	0.463	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/80-05/19/82	8	123.	129.25	156.	112.	246.786	15.709	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/08/80-05/19/82	8	148.	154.	182.	132.	321.143	17.92	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/08/80-05/19/82	8	1.	1.5	4.	0.	3.143	1.773	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/08/80-05/19/82	8 ##	2.5	3.5	8.	2.5	4.071	2.018	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/08/80-05/19/82	8 ##	2.5	6.438	26.	2.5	66.388	8.148	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-05/19/82	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/08/80-12/02/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/02/80	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/80-12/02/80	6	0.35	0.5	1.15	0.15	0.144	0.379	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/08/80-12/02/80	6	0.475	0.55	1.15	0.15	0.129	0.359	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-05/19/82	8	0.25	0.288	0.6	0.2	0.018	0.136	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-05/19/82	8	0.325	0.456	1.15	0.15	0.11	0.331	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-05/19/82	8	0.023	0.028	0.05	0.01	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/08/80-12/02/80	6 ##	0.01	0.017	0.04	0.01	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/80-05/19/82	8	4.35	3.9	6.2	1.5	3.009	1.735	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/12/80-08/12/80	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/80-05/19/82	8	262.	256.	320.	180.	2652.571	51.503	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/80-05/19/82	8	69.	67.	84.	48.	166.571	12.906	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/80-05/19/82	8	22.5	21.875	28.	15.	26.125	5.111	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/80-05/19/82	8	76.5	76.875	115.	42.	741.268	27.226	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/80-05/19/82	8	4.	4.	5.	3.	1.143	1.069	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-05/19/82	8	50.	57.	137.	24.	1300.857	36.067	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/80-05/19/82	8	70.	75.375	137.	40.	803.696	28.35	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/08/80-05/19/82	8	215.5	204.875	279.	118.	3646.982	60.39	**	**	**	**

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

Parameter Inventory for Station: GLCA0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/80-12/02/80	6	0.25	0.248	0.3	0.18	0.002	0.04	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/08/80-12/02/80	6	8.5	8.167	9.	6.	1.367	1.169	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/80-05/19/82	8	1.	0.963	1.	0.7	0.011	0.106	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/08/80-05/19/82	8 ##	0.025	0.031	0.07	0.025	0.	0.016	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/08/80-03/11/81	7	155.	145.	165.	110.	375.	19.365	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/80-05/19/82	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/08/80-12/02/80	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/80-05/19/82	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/08/80-05/19/82	8 ##	5.	7.5	20.	5.	28.571	5.345	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/08/80-05/19/82	8 ##	5.	4.375	5.	2.5	1.339	1.157	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/80-05/19/82	8 ##	5.	6.875	25.	0.	56.696	7.53	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/08/80-05/19/82	8 ##	5.	8.625	21.	5.	45.696	6.76	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/08/80-05/19/82	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/08/80-05/19/82	8	19.	24.813	60.	2.5	423.853	20.588	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/80-05/19/82	8 ##	0.5	0.469	0.5	0.25	0.008	0.088	**	**	**	**
01501	ALPHA, TOTAL	04/08/80-04/08/80	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
03501	BETA, TOTAL	04/08/80-04/08/80	3	37.	27.	44.	0.	559.	23.643	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/08/80-04/08/80	3	0.	172.333	517.	0.	89096.333	298.49	**	**	**	**
09501	RADIUM 226, TOTAL	04/08/80-04/08/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	04/08/80-04/08/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/80-05/19/82	8	522.	533.5	750.	330.	24741.429	157.294	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	04/08/80-05/19/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/08/80-12/02/80	6 ##	0.01	0.018	0.04	0.01	0.	0.013	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/08/80-05/19/82	8 ##	0.05	0.069	0.1	0.05	0.001	0.026	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/08/80-03/11/81	7	47.	38.014	95.	0.	1469.868	38.339	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/08/80-05/19/82	8	0.05	0.063	0.14	0.015	0.002	0.046	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	1	0.14	1	0	0.00	1	0	0.00	5	1	0.20			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	0 &	0	0.00												
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	8	1	0.13	1	0	0.00	1	1	1.00	6	0	0.00			
		Drinking Water	1300.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	5.	3 &	1	0.33				1	1	1.00	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	100.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	2.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			

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

Station Inventory for Station: GLCA0142

NPS Station ID: GLCA0142
LAT/LON: 37.854726/-110.175837
Agency: 21UTAH
Date Created: 02/23/80
Location: DARK CANYON AT CNFL OF LOST CANYON
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495235
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER BASIN
ECO Region:
RF1 Index: 14070001031
RF1 Mile Point: 3.020
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14070001002600.00
RF3 Mile Point: 0.29
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/79-06/15/82	4	18.5	17.5	25.	8.	69.667	8.347	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/79-06/15/82	4	3.	7.5	23.	1.	107.667	10.376	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/01/79-06/15/82	4	0.45	250.3	1000.	0.3	249800.047	499.8	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/79-03/18/80	3	850.	801.667	1075.	480.	90258.333	300.43	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/79-06/15/82	4	985.	860.	1160.	310.	144066.667	379.561	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/79-06/15/82	4	8.	8.075	10.1	6.2	3.502	1.871	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/79-03/18/80	3	1.2	1.033	1.4	0.5	0.223	0.473	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/18/80-06/15/82	2 ##	14.	14.	23.	5.	162.	12.728	**	**	**	**
00400	PH (STANDARD UNITS)	05/01/79-06/15/82	3	8.	7.9	8.8	6.9	0.91	0.954	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/01/79-06/15/82	3	8.	7.339	8.8	6.9	1.382	1.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-06/15/82	3	0.01	0.046	0.126	0.002	0.005	0.069	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/01/79-09/06/79	2	8.4	8.4	8.6	8.2	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/01/79-09/06/79	2	8.355	8.355	8.6	8.2	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/79-09/06/79	2	0.004	0.004	0.006	0.003	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/01/79-06/15/82	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	4	133.5	146.	192.	125.	956.667	30.93	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/01/79-06/15/82	4	163.	174.	226.	144.	1282.667	35.814	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/01/79-06/15/82	4	2.	2.	4.	0.	5.333	2.309	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/79-06/15/82	4 ##	1.5	15.85	60.	0.4	866.59	29.438	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/79-06/15/82	3 ##	1.5	20.667	59.	1.5	1102.083	33.198	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/79-06/15/82	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-03/18/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/79-03/18/80	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/01/79-03/18/80	3	0.1	0.117	0.15	0.1	0.001	0.029	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/79-03/18/80	3	0.1	0.117	0.15	0.1	0.001	0.029	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/79-06/15/82	4	0.6	0.575	0.9	0.2	0.109	0.33	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/79-06/15/82	4	0.075	0.069	0.1	0.025	0.001	0.038	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/79-06/15/82	4 ##	0.058	0.101	0.28	0.01	0.015	0.124	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/79-03/18/80	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/80-06/15/82	2 ##	1.35	1.35	2.2	0.5	1.445	1.202	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/79-06/15/82	4	510.	444.25	605.	152.	43232.25	207.924	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/79-06/15/82	4	122.5	104.5	133.	40.	1901.667	43.608	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/79-06/15/82	4	47.5	44.75	71.	13.	798.917	28.265	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/79-06/15/82	4	20.	22.75	45.	6.	264.25	16.256	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/79-06/15/82	4	3.5	3.5	5.	2.	1.667	1.291	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/79-06/15/82	4	25.	21.25	30.	5.	125.583	11.206	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/01/79-06/15/82	4	25.	21.25	30.	5.	125.583	11.206	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/01/79-06/15/82	4	363.5	317.5	515.	28.	49217.667	221.851	**	**	**	**

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

Parameter Inventory for Station: GLCA0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/79-03/18/80	3	0.66	0.623	1.11	0.1	0.256	0.506	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/79-03/18/80	3	10.	10.	11.	9.	1.	1.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/18/80-03/18/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-06/15/82	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/18/80-03/18/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/01/79-06/15/82	3	0.1	0.108	0.2	0.025	0.008	0.088	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/01/79-03/18/80	3	100.	75.	100.	25.	1875.	43.301	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/18/80-03/18/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-06/15/82	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/18/80-03/18/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/01/79-03/18/80	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-06/15/82	3 ##	2.5	3.833	7.5	1.5	10.333	3.215	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-06/15/82	3 ##	5.	5.167	8.	2.5	7.583	2.754	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/18/80-03/18/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-06/15/82	3 ##	2.5	5.833	12.5	2.5	33.333	5.774	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/79-06/15/82	3	10.	166.667	485.	5.	76008.333	275.696	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/18/80-03/18/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/18/80-03/18/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-06/15/82	3 ##	7.5	8.333	12.5	5.	14.583	3.819	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/18/80-03/18/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-06/15/82	3 ##	2.5	2.833	5.	1.	4.083	2.021	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/18/80-03/18/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-06/15/82	3 ##	2.5	10.	25.	2.5	168.75	12.99	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/18/80-03/18/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-06/15/82	3 ##	0.5	0.417	0.5	0.25	0.021	0.144	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-03/18/80	3	150.	900.	2400.	150.	1687500.	1299.038	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	05/01/79-03/18/80	3	2.176	2.577	3.38	2.176	0.483	0.695	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			377.976								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-03/18/80	3 ##	11.5	21.	40.	11.5	270.75	16.454	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/01/79-03/18/80	3 ##	1.061	1.241	1.602	1.061	0.098	0.313	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			17.424								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/01/79-05/01/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/79-06/15/82	4	726.	622.5	856.	182.	96931.667	311.339	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/01/79-06/15/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/01/79-03/18/80	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-06/15/82	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/01/79-06/15/82	4	0.39	0.553	1.4	0.03	0.434	0.659	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	1	0.25	1	0	0.00				2	1	0.50	1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00							2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	4	2	0.50	1	1	1.00				2	0	0.00	1	1	1.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	5.	2 &	0	0.00							1	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	100.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	1	0.33	1	0	0.00				1	1	1.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	1	0.33	1	0	0.00				2	1	0.50			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Drinking Water	2.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00

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

Station Inventory for Station: GLCA0143

NPS Station ID: GLCA0143
LAT/LON: 37.865559/-110.482504
Agency: 112WRD
Date Created: 03/27/82
Location: (D-34-14) 9 HITE.1271X0927
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375156110285701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 14070001011900.00
RF3 Mile Point: 5.32
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-04/27/59	1	647.	647.	647.	647.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/27/59-04/27/59	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/27/59-04/27/59	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/59-04/27/59	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-04/27/59	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-04/27/59	1	367.	367.	367.	367.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/27/59-04/27/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-04/27/59	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-04/27/59	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-04/27/59	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-04/27/59	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-04/27/59	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/27/59-04/27/59	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/27/59-04/27/59	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-04/27/59	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-04/27/59	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-04/27/59	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-04/27/59	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-04/27/59	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/27/59-04/27/59	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/27/59-04/27/59	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/27/59-04/27/59	1	375.	375.	375.	375.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-04/27/59	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0144

NPS Station ID: GLCA0144
LAT/LON: 37.877227/-110.278893
Agency: 112WRD
Date Created: 03/27/82
Location: (D-33-15)28 HITE.0158X0846
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375238110164401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14070001052100.00
RF3 Mile Point: 1.55
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/59-04/23/59	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/59-04/23/59	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/59-04/23/59	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/59-04/23/59	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/23/59-04/23/59	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/59-04/23/59	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/59-04/23/59	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/23/59-04/23/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/23/59-04/23/59	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/59-04/23/59	1	816.	816.	816.	816.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/59-04/23/59	1	609.	609.	609.	609.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/59-04/23/59	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/59-04/23/59	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/23/59-04/23/59	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/23/59-04/23/59	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/23/59-04/23/59	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/59-04/23/59	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/59-04/23/59	1	616.	616.	616.	616.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/59-04/23/59	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/59-04/23/59	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/23/59-04/23/59	1	160.	160.	160.	160.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/59-04/23/59	1	1290.	1290.	1290.	1290.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/59-04/23/59	1	1220.	1220.	1220.	1220.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/59-04/23/59	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: GLCA0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0145

NPS Station ID: GLCA0145
LAT/LON: 37.890559/-110.369727
Agency: 21UTAH
Date Created: 03/21/77
Location: COLORADO R ARM L POWELL NR HITE
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495695 /555045 /C-88391
RMI-Indexes: 1101000
Within Park Boundary: Yes
RMI-Miles: 0884.10
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R-COLORADO R DRAINAGE
ECO Region:
RF1 Index: 14070001030
RF1 Mile Point: 0.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 140700010000103.06
RF3 Mile Point: 3.98
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/77-11/09/77	4	16.5	16.375	24.5	8.	45.563	6.75	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/16/77-11/09/77	4	1.65	1.825	3.	1.	0.723	0.85	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/77-11/09/77	5	1000.	1023.	1250.	845.	25070.	158.335	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/77-11/09/77	4	8.9	9.45	11.4	8.6	1.717	1.31	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/77-11/09/77	5	1.3	1.62	2.4	1.	0.357	0.597	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/16/77-11/09/77	5	14.	13.2	18.	8.	13.2	3.633	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/77-11/09/77	4	8.4	8.4	8.5	8.3	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/77-11/09/77	4	8.389	8.389	8.5	8.3	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/77-11/09/77	4	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/16/77-11/09/77	6	8.3	8.267	8.5	8.	0.035	0.186	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/77-11/09/77	6	8.3	8.233	8.5	8.	0.036	0.19	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/77-11/09/77	6	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/16/77-11/09/77	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/77-11/09/77	4	132.5	133.	144.	123.	75.333	8.679	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/16/77-11/09/77	4	162.	162.5	176.	150.	115.667	10.755	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/16/77-11/09/77	5	0.	5.	15.	0.	50.	7.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/77-11/09/77	6	0.05	0.05	0.1	0.	0.003	0.055	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-11/09/77	4	0.	0.025	0.1	0.	0.003	0.05	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-11/09/77	6	0.475	0.467	0.65	0.25	0.021	0.144	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/77-11/09/77	5	0.9	0.86	1.3	0.6	0.083	0.288	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/77-11/09/77	5	0.03	0.034	0.06	0.01	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/16/77-11/09/77	4	0.005	0.013	0.04	0.	0.	0.019	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/16/77-11/09/77	5	3.	2.5	4.	1.	1.5	1.225	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/77-11/09/77	4	307.5	334.75	440.	284.	5250.25	72.459	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/77-11/09/77	4	77.	84.5	112.	72.	358.333	18.93	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/77-11/09/77	4	28.	30.	39.	25.	38.667	6.218	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/77-11/09/77	4	81.	97.75	159.	70.	1694.917	41.169	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/16/77-11/09/77	4	4.5	4.5	6.	3.	1.667	1.291	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/77-11/09/77	4	60.5	60.25	90.	30.	620.25	24.905	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/77-11/09/77	4	283.5	306.75	425.	235.	7398.917	86.017	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/77-11/09/77	4	0.31	0.32	0.38	0.28	0.002	0.049	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/16/77-11/09/77	4	6.5	6.5	8.	5.	1.667	1.291	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/16/77-11/09/77	4	3.	4.	8.	2.	7.333	2.708	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/16/77-11/09/77	4	50.	50.	100.	0.	1666.667	40.825	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/16/77-11/09/77	3	195.	223.333	325.	150.	8258.333	90.875	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/18/77-11/09/77	3	10.	8.333	15.	0.	58.333	7.638	**	**	**	**

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

Parameter Inventory for Station: GLCA0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/77-11/09/77	4	0.	2.	8.	0.	16.	4.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/16/77-11/09/77	4	7.5	7.5	15.	0.	41.667	6.455	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/16/77-11/09/77	4	0.	32.5	130.	0.	4225.	65.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/16/77-11/09/77	4	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/16/77-11/09/77	4	7.5	6.25	10.	0.	22.917	4.787	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/16/77-11/09/77	4	0.8	0.725	1.	0.3	0.116	0.34	**	**	**	**
01501	ALPHA, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	5	70.	65.4	110.	11.	1558.3	39.475	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	5	1.845	1.706	2.041	1.041	0.162	0.402	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			50.812								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-11/09/77	5	0.	9.2	23.	0.	158.7	12.598	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-11/09/77	5	0.	0.545	1.362	0.	0.556	0.746	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.505								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/16/77-11/09/77	6	649.	704.333	892.	538.	22139.867	148.795	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/16/77-11/09/77	4	0.125	0.125	0.15	0.1	0.001	0.029	**	**	**	**
80000	ALPHA ACTIVITY (PC/MG)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	4	1	0.25				1	1	1.00	2	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	1300.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4	1	0.25				1	0	0.00	2	1	0.50	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	2.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00

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

Station Inventory for Station: GLCA0146

NPS Station ID: GLCA0146
LAT/LON: 37.890559/-110.369727
Agency: 21UTAH
Date Created: 01/16/79
Location: COLORADO R ARM L POWELL NR HITE
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495232
RMI-Indexes: 1101000
Within Park Boundary: Yes
RMI-Miles: 0884.10
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R-COLORADO R DRAINAGE
ECO Region:
RF1 Index: 14070001030
RF1 Mile Point: 0.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001010500.00
RF3 Mile Point: 8.59
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-07/12/90	42	18.	17.548	28.8	1.	48.588	6.971	8.63	10.975	24.2	26.61
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-07/12/90	42	3.5	12.529	127.	0.7	689.16	26.252	1.1	1.65	10.25	25.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/03/85-09/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-07/12/90	40	755.	725.1	1100.	245.	39410.913	198.522	448.	577.5	866.25	1009.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-07/12/90	45	800.	776.111	1120.	375.	33795.146	183.835	480.2	656.5	900.	999.
00300	OXYGEN, DISSOLVED MG/L	01/18/78-07/12/90	40	7.95	8.135	11.6	5.1	2.536	1.593	5.94	7.325	8.95	11.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/78-08/23/79	7	1.8	1.757	2.7	1.	0.306	0.553	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/78-07/12/90	43	12.	13.257	52.	0.55	77.665	8.813	5.	7.5	18.	22.6
00400	PH (STANDARD UNITS)	01/18/78-07/12/90	39	8.2	8.154	8.7	7.2	0.113	0.336	7.6	8.	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-07/12/90	39	8.2	7.989	8.7	7.2	0.141	0.376	7.6	8.	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-07/12/90	39	0.006	0.01	0.063	0.002	0.	0.013	0.003	0.004	0.01	0.025
00403	PH, LAB, STANDARD UNITS SU	01/18/78-07/12/90	14	8.15	8.207	8.6	7.9	0.044	0.209	7.95	8.075	8.35	8.55
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/78-07/12/90	14	8.147	8.165	8.6	7.9	0.046	0.214	7.95	8.075	8.35	8.55
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-07/12/90	14	0.007	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.008	0.011
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-07/12/90	42	1.	1.405	4.	0.	0.539	0.734	1.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-07/12/90	42	124.	119.857	146.	59.	252.76	15.898	101.3	112.	129.	134.
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-07/12/90	43	148.	145.186	178.	72.	365.155	19.109	124.	136.	158.	164.
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-07/12/90	43	0.	0.558	4.	0.	1.586	1.259	0.	0.	0.	3.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/18/78-09/05/84	29	5.	284.919	7760.	0.15	2067615.503	1437.921	0.5	1.5	30.	76.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/79-07/12/90	24	6.5	21.625	120.	0.	1159.658	34.054	1.5	1.5	30.75	87.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-07/12/90	44 ##	0.05	0.074	0.3	0.	0.002	0.048	0.05	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	26 ##	0.025	0.075	1.1	0.005	0.047	0.216	0.005	0.005	0.025	0.194
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/79-07/12/90	15 ##	0.025	0.109	1.1	0.005	0.079	0.281	0.005	0.025	0.025	0.59
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	28	0.325	0.388	1.3	0.01	0.065	0.254	0.148	0.223	0.55	0.65
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/79-07/12/90	15	0.44	0.484	1.3	0.18	0.074	0.273	0.192	0.3	0.6	0.91
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-07/12/90	45	0.5	0.741	10.	0.05	2.151	1.467	0.2	0.3	0.65	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/78-06/14/83	30	0.35	0.522	4.2	0.15	0.534	0.731	0.155	0.258	0.478	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-07/12/90	44	0.045	0.066	0.36	0.01	0.005	0.07	0.02	0.025	0.095	0.13
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	28	0.01	0.019	0.09	0.003	0.	0.019	0.005	0.01	0.028	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-07/12/90	41	4.2	7.741	63.4	2.	116.69	10.802	2.66	3.15	6.9	15.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-07/12/90	42	268.	260.333	370.	130.	3336.862	57.766	167.2	234.5	301.	328.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-07/12/90	43	64.	64.86	94.	35.	203.837	14.277	42.8	56.	75.	81.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-07/12/90	43	24.	23.849	49.	12.	46.602	6.827	15.4	20.	28.	31.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-07/12/90	43	69.	66.721	105.	26.	397.635	19.941	31.4	57.	80.	89.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-07/12/90	43	3.	3.14	5.	2.	0.885	0.941	2.	2.	4.	4.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	42	47.	45.857	85.	12.	310.857	17.631	19.3	33.75	59.	67.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/79-07/12/90	26	51.5	50.5	85.	12.	388.74	19.716	19.7	33.5	64.5	76.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-07/12/90	43	209.	200.631	355.	0.05	6682.521	81.747	95.	146.	245.	318.

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

Parameter Inventory for Station: GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/15/78-12/08/81	16	0.23	0.279	0.84	0.16	0.024	0.156	0.188	0.22	0.283	0.504
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/15/78-06/09/81	14	8.	7.929	10.	5.	1.302	1.141	6.	7.75	8.25	9.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/15/78-03/15/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-07/12/90	39	2.	1.558	3.	0.25	0.492	0.701	0.5	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/78-03/15/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-07/12/90	39	0.05	16.063	150.	0.	1304.268	36.115	0.	0.025	0.08	80.
01020	BORON, DISSOLVED (UG/L AS B)	03/15/78-06/09/81	14	137.5	141.071	190.	110.	604.533	24.587	110.	115.	156.25	182.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/15/78-03/15/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-07/12/90	37 ##	0.5	0.595	2.5	0.5	0.123	0.35	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/15/78-06/09/81	12 ##	2.5	2.708	5.	2.5	0.521	0.722	2.5	2.5	2.5	4.25
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-07/12/90	37 ##	2.5	2.608	5.	1.5	0.363	0.602	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/14/78-07/12/90	38 ##	5.	7.263	15.	5.	7.605	2.758	5.	5.	10.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/15/78-03/15/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-07/12/90	37 ##	2.5	3.081	9.	2.5	1.868	1.367	2.5	2.5	2.5	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-07/12/90	37 ##	5.	11.797	60.	2.5	153.742	12.399	5.	5.	12.5	26.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/15/78-03/15/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/15/78-03/15/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/14/79-06/14/83	24 ##	5.	6.875	25.	2.5	22.962	4.792	5.	5.	5.	13.75
01075	SILVER, DISSOLVED (UG/L AS AG)	03/15/78-03/15/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-07/12/90	37 ##	1.	1.189	5.	1.	0.533	0.73	1.	1.	1.	1.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-07/12/90	39	10.	20.077	100.	2.5	458.06	21.402	2.5	5.	30.	50.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/15/78-03/15/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-07/12/90	38 ##	0.5	0.474	2.5	0.25	0.148	0.385	0.25	0.25	0.5	0.55
01501	ALPHA, TOTAL	03/15/78-06/14/83	9	7.	7.889	22.	1.	37.611	6.133	1.	4.	10.	22.
03501	BETA, TOTAL	03/15/78-06/14/83	9	12.	16.	61.	1.	312.	17.664	1.	7.	16.5	61.
03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	03/15/78-03/15/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	03/15/78-06/14/83	9	10.	16.5	61.	0.	449.75	21.207	0.	0.25	30.5	61.
09501	RADIUM 226, TOTAL	03/15/78-06/14/83	9	0.	55.667	250.	0.	12138.938	110.177	0.	0.	125.25	250.
11501	RADIUM 228, TOTAL	02/26/80-07/13/82	7	0.	0.143	0.5	0.	0.06	0.244	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/15/78-11/07/79	8	55.	387.375	2400.	23.	680087.411	824.674	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/15/78-11/07/79	8	1.724	1.938	3.38	1.362	0.526	0.725	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			86.603								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	10	23.	273.6	2400.	11.5	559257.044	747.835	11.5	11.5	90.	2169.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	10	1.362	1.606	3.38	1.061	0.527	0.726	1.061	1.061	1.954	3.238
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			40.375								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/15/78-03/14/79	2 ##	0.008	0.008	0.015	0.	0.	0.011	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-07/12/90	46	539.	519.13	754.	242.	16774.16	129.515	295.4	462.	601.	699.4
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-07/12/90	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/14/79-07/12/90	12 ##	0.01	0.013	0.03	0.01	0.	0.007	0.01	0.01	0.018	0.027
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-07/12/90	38 ##	0.05	0.072	0.5	0.05	0.005	0.074	0.05	0.05	0.063	0.1
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/85-07/12/90	2	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-07/12/90	39	0.08	0.209	1.6	0.01	0.094	0.306	0.015	0.06	0.28	0.44
80000	ALPHA ACTIVITY (PC/MG)	03/15/78-03/15/78	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	42	2	0.05	15	0	0.00	7	0	0.00	12	0	0.00	8	2	0.25
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	40	0	0.00	12	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00400	PH	Other-Hi Lim.	9.	39	0	0.00	12	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	39	0	0.00	12	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	1	0.04	11	0	0.00	4	0	0.00	8	1	0.13	3	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	15	1	0.07	3	0	0.00	3	0	0.00	7	1	0.14	2	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	28	0	0.00	12	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	42	0	0.00	15	0	0.00	7	0	0.00	13	0	0.00	7	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	26	0	0.00	6	0	0.00	5	0	0.00	10	0	0.00	5	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	43	0	0.00	15	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	39	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
		Drinking Water	50.	39	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	39	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	37	0	0.00	12	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	5.	37	0	0.00	12	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	12	0	0.00	3	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
		Drinking Water	100.	12	0	0.00	3	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	37	0	0.00	12	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	38	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	1300.	38	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	37	0	0.00	12	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	5.	33 &	3	0.09	10	1	0.10	7	0	0.00	9	0	0.00	7	2	0.29
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	24	0	0.00	6	0	0.00	5	0	0.00	9	0	0.00	4	0	0.00
		Drinking Water	100.	24	0	0.00	6	0	0.00	5	0	0.00	9	0	0.00	4	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	1	1.00							1	1	1.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	36 &	0	0.00	12	0	0.00	6	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	50.	37	0	0.00	12	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	39	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	38	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	50.	38	0	0.00	13	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	1	0.13	2	0	0.00	3	0	0.00	3	1	0.33			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	10	1	0.10	2	1	0.50	4	0	0.00	3	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	38	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	2.	38	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	15	52.	54.067	76.	33.	149.067	12.209	36.	45.	64.	74.8

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	7	54.	55.714	85.	34.	272.905	16.52	**	**	**	**

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	13	46.	43.385	68.	19.	260.09	16.127	19.4	31.	57.	67.2

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	7	23.	23.	36.	12.	78.667	8.869	**	**	**	**

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

Station Inventory for Station: GLCA0147

NPS Station ID: GLCA0147
LAT/LON: 37.892781/-110.210560
Agency: 112WRD
Date Created: 03/27/82
Location: (D-33-16)19 MDC.548G
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375334110123801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 14070001008500.00
RF3 Mile Point: 0.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/48-10/03/48	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/03/48-10/03/48	1	450.	450.	450.	450.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/48-10/03/48	1	621.	621.	621.	621.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/48-10/03/48	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/48-10/03/48	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/03/48-10/03/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/03/48-10/03/48	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/48-10/03/48	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/48-10/03/48	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/48-10/03/48	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/48-10/03/48	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/03/48-10/03/48	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/03/48-10/03/48	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/48-10/03/48	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/48-10/03/48	1	183.	183.	183.	183.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/48-10/03/48	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/48-10/03/48	1	414.	414.	414.	414.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/48-10/03/48	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GLCA0148

NPS Station ID: GLCA0148
LAT/LON: 37.894170/-110.208059
Agency: 112WRD
Date Created: 03/27/82
Location: MDC.1137X0729
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375339110122901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 14070001008900.00
RF3 Mile Point: 0.99
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/25/47-06/25/47	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/25/47-06/25/47	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/25/47-06/25/47	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/25/47-06/25/47	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/25/47-06/25/47	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/25/47-06/25/47	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/25/47-06/25/47	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/25/47-06/25/47	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/25/47-06/25/47	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	06/25/47-06/25/47	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/47-06/25/47	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/47-06/25/47	1	456.	456.	456.	456.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/47-06/25/47	1	770.	770.	770.	770.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/25/47-06/25/47	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00										1	1	1.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0149

NPS Station ID: GLCA0149
LAT/LON: 37.895838/-110.211116
Agency: 11EPALES
Date Created: 01/09/76
Location: LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 040809
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 56
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001030
RF1 Mile Point: 13.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001012000.00
RF3 Mile Point: 11.94
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/75-12/03/75	15	12.3	14.08	23.3	2.2	52.715	7.26	2.38	10.	23.1	23.24
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/15/75-12/03/75	10	89.3	91.49	101.	83.	43.481	6.594	83.3	86.75	99.8	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/28/75-12/03/75	3	23.	38.333	84.	8.	1620.333	40.253	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/75-12/03/75	15	629.	789.133	1194.	566.	78802.41	280.718	566.6	578.	1186.	1191.
00300	OXYGEN, DISSOLVED MG/L	04/28/75-12/03/75	15	8.6	8.387	11.8	6.2	2.466	1.57	6.56	7.	8.8	11.56
00400	PH (STANDARD UNITS)	04/28/75-12/03/75	15	8.	8.107	8.55	7.6	0.095	0.308	7.72	7.9	8.5	8.55
00400	CONVERTED PH (STANDARD UNITS)	04/28/75-12/03/75	15	8.	8.016	8.55	7.6	0.103	0.322	7.72	7.9	8.5	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/75-12/03/75	15	0.01	0.01	0.025	0.003	0.	0.006	0.003	0.003	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/75-12/03/75	15	140.	146.133	158.	134.	113.267	10.643	134.	136.	157.	158.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/75-12/03/75	15	0.04	0.04	0.06	0.01	0.	0.016	0.01	0.04	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/28/75-12/03/75	15	0.4	0.353	0.8	0.1	0.038	0.196	0.1	0.2	0.5	0.62
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/28/75-12/03/75	15	0.46	0.496	0.73	0.26	0.034	0.185	0.26	0.28	0.67	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/75-12/03/75	15	0.032	0.057	0.175	0.013	0.003	0.054	0.013	0.016	0.096	0.156
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/28/75-12/03/75	10	0.009	0.013	0.03	0.002	0.	0.011	0.002	0.003	0.025	0.03
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/28/75-12/03/75	3	2.	9.	23.6	1.4	159.96	12.648	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/28/75-12/03/75	3	70.	72.	90.	56.	292.	17.088	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			

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

Station Inventory for Station: GLCA0150

NPS Station ID: GLCA0150
LAT/LON: 37.896115/-110.202227
Agency: 21UTAH
Date Created: 01/26/91
Location: DARK CANYON AB CNFL W/ COLORADO R
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495236
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1:
RF3 Index: 14070001002629.20
RF3 Mile Point: 36.84
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	30.6	30.6	30.6	30.6	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-07/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-07/12/90	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-07/12/90	1	817.	817.	817.	817.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-07/12/90	1	855.	855.	855.	855.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/90-07/12/90	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/90-07/12/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/90-07/12/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/90-07/12/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/90-07/12/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/90-07/12/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/90-07/12/90	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/12/90-07/12/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-07/12/90	1	948.	948.	948.	948.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-07/12/90	1	0.682	0.682	0.682	0.682	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	1	443.	443.	443.	443.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/90-07/12/90	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-07/12/90	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/90-07/12/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-07/12/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-07/12/90	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-07/12/90	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/12/90-07/12/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/12/90-07/12/90	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/90-07/12/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/90-07/12/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/12/90-07/12/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/90-07/12/90	1	490.	490.	490.	490.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	07/12/90-07/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/90-07/12/90	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-07/12/90	1	596.	596.	596.	596.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/12/90-07/12/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/12/90-07/12/90	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/12/90-07/12/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/12/90-07/12/90	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00										1	1	1.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0151

NPS Station ID: GLCA0151
LAT/LON: 37.915837/-110.385282
Agency: 21UTAH
Date Created: 03/21/77
Location: DIRTY DEVIL ARM OF L POWELL-HITE
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495694
RMI-Indexes: 1101000 010130
Within Park Boundary: Yes
RMI-Miles: 0882.90 0002.90
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R DIRTY DEVIL DRAINAGE D
ECO Region:
RF1 Index: 14070004001
RF1 Mile Point: 1.760
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/77-11/09/77	3	15.	13.	17.	7.	28.	5.292	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/16/77-06/04/87	5	3.	2.62	4.3	0.4	2.697	1.642	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/77-06/04/87	5	1005.	997.	1100.	870.	6745.	82.128	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/77-11/09/77	3	8.6	9.433	11.6	8.1	3.583	1.893	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/77-11/09/77	4	2.25	2.3	3.5	1.2	0.927	0.963	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/16/77-06/04/87	5	14.	13.8	20.	7.	23.2	4.817	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/77-11/09/77	3	8.5	8.433	8.5	8.3	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/77-11/09/77	3	8.5	8.423	8.5	8.3	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/77-11/09/77	3	0.003	0.004	0.005	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/16/77-06/04/87	6	8.25	8.283	8.6	8.1	0.03	0.172	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/77-06/04/87	6	8.247	8.258	8.6	8.1	0.03	0.174	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/77-06/04/87	6	0.006	0.006	0.008	0.003	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/16/77-06/04/87	5	1.	2.4	7.	1.	6.8	2.608	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/77-06/04/87	5	146.	209.6	500.	121.	26472.3	162.703	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/16/77-06/04/87	5	178.	255.6	610.	148.	39418.8	198.542	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/16/77-06/04/87	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/18/77-11/09/77	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/87-06/04/87	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/77-06/04/87	6	0.1	0.138	0.5	0.	0.033	0.183	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-06/04/87	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/87-06/04/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/16/77-06/04/87	6	0.425	0.359	0.5	0.005	0.036	0.189	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/87-06/04/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/77-06/04/87	5	0.6	0.64	1.	0.3	0.063	0.251	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/77-06/04/87	5	0.04	0.05	0.1	0.03	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/16/77-06/04/87	5	0.01	0.031	0.11	0.	0.002	0.046	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/16/77-06/04/87	5	3.	3.18	5.	1.9	1.762	1.327	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/77-06/04/87	5	325.	323.	460.	214.	8018.	89.543	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/77-06/04/87	5	78.	74.6	128.	13.	1671.8	40.888	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/77-06/04/87	5	33.	33.2	44.	25.	48.7	6.979	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/77-06/04/87	5	92.	124.8	197.	80.	2980.7	54.596	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/16/77-06/04/87	5	4.	4.2	7.	1.	4.7	2.168	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/77-06/04/87	5	70.	59.6	90.	11.	1027.3	32.052	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/04/87-06/04/87	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/77-06/04/87	5	290.	280.4	450.	75.	18928.3	137.58	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/77-11/09/77	4	0.35	0.335	0.38	0.26	0.003	0.054	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/16/77-11/09/77	4	6.5	6.25	8.	4.	4.25	2.062	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/16/77-11/09/77	4	3.5	3.75	6.	2.	2.917	1.708	**	**	**	**

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

Parameter Inventory for Station: GLCA0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/04/87-06/04/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/16/77-11/09/77	4	50.	50.	100.	0.	1666.667	40.825	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/04/87-06/04/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/16/77-11/09/77	4	210.	228.75	345.	150.	7072.917	84.101	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/04/87-06/04/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/18/77-11/09/77	3	5.	5.	10.	0.	25.	5.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/77-11/09/77	4	2.5	2.5	5.	0.	8.333	2.887	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/04/87-06/04/87	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/16/77-11/09/77	4	2.5	3.75	10.	0.	22.917	4.787	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/16/77-11/09/77	4	2.5	22.5	85.	0.	1741.667	41.733	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/16/77-11/09/77	4	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/04/87-06/04/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/16/77-11/09/77	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/04/87-06/04/87	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/16/77-11/09/77	4	0.5	0.6	1.	0.4	0.073	0.271	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/04/87-06/04/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/04/87-06/04/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	4	16.	1083.	4300.	0.	4599684.667	2144.688	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/16/77-11/09/77	4	1.158	1.487	3.633	0.	2.373	1.54	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			30.716								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-07/14/77	3	0.	7.667	23.	0.	176.333	13.279	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/16/77-07/14/77	3	0.	0.454	1.362	0.	0.618	0.786	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2.844								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/16/77-11/09/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/16/77-06/04/87	6	658.	677.333	914.	542.	16861.867	129.853	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/16/77-06/04/87	5	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/04/87-06/04/87	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/16/77-06/04/87	5	0.	0.02	0.1	0.	0.002	0.045	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/16/77-06/04/87	5	0.15	0.178	0.5	0.01	0.037	0.193	**	**	**	**
80000	ALPHA ACTIVITY (PC/MG)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	06/04/87-06/04/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	06/04/87-06/04/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	06/04/87-06/04/87	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00				1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00				1	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00				1	0	0.00	2	0	0.00	3	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00				1	0	0.00	2	0	0.00	3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	5	1	0.20				1	1	1.00	2	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	1300.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4	1	0.25				1	0	0.00	2	1	0.50	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	1	0.25				1	0	0.00	2	0	0.00	1	1	1.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	2.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: GLCA0152

NPS Station ID: GLCA0152
LAT/LON: 37.915837/-110.385282
Agency: 21UTAH
Date Created: 01/16/79
Location: DIRTY DEVIL ARM OF L POWELL-HITE
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495230
RMI-Indexes: 1101000 010130
Within Park Boundary: Yes
RMI-Miles: 0882.90 0002.90
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R DIRTY DEVIL DRAINAGE D
ECO Region:
RF1 Index: 14070004001
RF1 Mile Point: 1.760
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	43	17.9	17.337	28.5	3.	47.662	6.904	8.2	10.8	23.	26.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	42	2.25	4.565	20.	0.3	29.077	5.392	0.72	1.238	5.65	15.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/80-04/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	42	792.5	785.595	1850.	350.	67810.247	260.404	439.	647.5	900.	1046.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	44	832.	815.705	1310.	415.	39243.608	198.1	484.	709.	930.	1087.
00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	40	8.5	8.448	13.1	2.5	3.943	1.986	6.62	7.225	9.5	11.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/78-08/23/79	7	1.8	2.643	5.5	1.6	2.296	1.515	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	44	15.	14.318	42.	5.	61.955	7.871	5.	7.5	18.75	23.
00400	PH (STANDARD UNITS)	01/18/78-05/26/87	42	8.3	8.305	8.9	7.5	0.111	0.333	7.9	8.1	8.525	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-05/26/87	42	8.3	8.167	8.9	7.5	0.131	0.361	7.9	8.1	8.525	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	42	0.005	0.007	0.032	0.001	0.	0.007	0.002	0.003	0.008	0.013
00403	PH, LAB, STANDARD UNITS SU	01/18/78-05/26/87	13	8.2	8.292	8.9	8.	0.059	0.243	8.04	8.1	8.4	8.78
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/78-05/26/87	13	8.2	8.242	8.9	8.	0.062	0.249	8.04	8.1	8.4	8.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	13	0.006	0.006	0.01	0.001	0.	0.002	0.002	0.004	0.008	0.009
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	42	1.	1.333	3.	0.	0.472	0.687	0.3	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	42	125.5	122.	143.	85.	171.561	13.098	102.4	113.75	131.5	138.4
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	43	148.	147.884	198.	104.	342.391	18.504	119.6	136.	158.	171.2
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	43	0.	1.	8.	0.	3.667	1.915	0.	0.	1.	4.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/18/78-09/05/84	29	2.5	9.005	67.	0.15	212.779	14.587	1.	1.5	11.	23.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	25 ##	2.	8.98	67.	0.	247.614	15.736	1.3	1.5	10.5	31.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	45 ##	0.05	0.072	0.3	0.025	0.003	0.05	0.05	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	27 ##	0.01	0.024	0.25	0.005	0.002	0.047	0.005	0.005	0.025	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/79-05/26/87	15 ##	0.025	0.038	0.25	0.005	0.004	0.06	0.005	0.025	0.025	0.13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	29	0.3	0.347	0.85	0.005	0.05	0.223	0.12	0.17	0.55	0.65
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/79-05/26/87	15	0.41	0.469	0.85	0.25	0.036	0.19	0.274	0.3	0.6	0.82
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	44	0.5	0.748	9.	0.1	1.973	1.405	0.2	0.3	0.675	0.95
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/78-06/14/83	30	0.35	0.353	0.85	0.025	0.031	0.176	0.154	0.238	0.425	0.609
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	44	0.037	0.04	0.1	0.01	0.001	0.025	0.01	0.021	0.05	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	28 ##	0.01	0.014	0.05	0.003	0.	0.012	0.003	0.005	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	41	4.1	4.924	18.4	1.3	8.672	2.945	2.6	3.15	5.75	8.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	42	271.	270.19	460.	132.	4409.768	66.406	168.	241.	306.25	361.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	43	67.	67.86	144.	31.	397.98	19.949	43.	54.	77.	90.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	43	24.	24.116	50.	13.	43.867	6.623	14.4	21.	28.	30.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	43	72.	70.047	110.	27.	417.522	20.433	33.	60.	81.	96.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	43	3.	3.558	7.	2.	1.348	1.161	2.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	43	52.	48.953	83.	16.	271.998	16.492	23.	40.	58.	72.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/79-06/14/83	26	54.	53.885	83.	21.	219.146	14.804	30.9	44.75	64.5	75.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	43	221.	211.026	411.	0.05	8654.733	93.031	82.2	174.	265.	343.

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

Parameter Inventory for Station: GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/15/78-06/09/81	16	0.24	0.244	0.36	0.19	0.002	0.041	0.197	0.213	0.268	0.304
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/15/78-06/09/81	15	8.	8.6	15.	5.	6.114	2.473	6.2	7.	9.	13.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/15/78-03/15/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	39	1.	1.412	3.	0.25	0.625	0.791	0.25	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/78-03/15/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	39	0.025	13.364	90.	0.	848.278	29.125	0.	0.025	0.09	70.
01020	BORON, DISSOLVED (UG/L AS B)	03/15/78-06/09/81	15	145.	149.667	225.	95.	1401.667	37.439	101.	130.	160.	216.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/15/78-03/15/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	37 ##	0.5	0.649	3.	0.5	0.276	0.525	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/15/78-06/09/81	13 ##	2.5	2.692	5.	2.5	0.481	0.693	2.5	2.5	2.5	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	37 ##	2.5	2.77	6.	1.5	0.814	0.902	2.5	2.5	2.5	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	37 ##	5.	8.716	50.	2.5	58.202	7.629	5.	5.	10.	11.
01046	IRON, DISSOLVED (UG/L AS FE)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/15/78-03/15/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	37 ##	2.5	2.878	5.	2.5	0.783	0.885	2.5	2.5	2.5	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	39 ##	5.	7.154	35.	2.5	33.226	5.764	5.	5.	5.	14.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/15/78-03/15/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/15/78-03/15/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/14/78-06/14/83	26 ##	5.	8.115	30.	2.5	53.046	7.283	5.	5.	6.25	25.3
01075	SILVER, DISSOLVED (UG/L AS AG)	03/15/78-03/15/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	37 ##	1.	2.23	41.	1.	43.397	6.588	1.	1.	1.	1.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/15/78-03/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	39	15.	21.897	125.	2.5	551.081	23.475	2.5	5.	30.	55.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/15/78-03/15/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	38 ##	0.5	0.496	2.	0.25	0.154	0.392	0.25	0.25	0.5	0.64
01501	ALPHA, TOTAL	01/18/78-06/14/83	12	3.5	7.	23.	0.	54.364	7.373	0.	2.	13.75	20.6
03501	BETA, TOTAL	01/18/78-06/14/83	12	12.5	24.25	84.	0.	744.75	27.29	0.6	3.	49.75	75.6
03509	BETA, SPECIFIC ACTIVITY (PC/GM OF SUSP. SOLIDS)	01/18/78-03/15/78	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/18/78-06/14/83	11	3.	20.409	64.	0.	742.041	27.24	0.	0.	56.	62.4
09501	RADIUM 226, TOTAL	01/18/78-06/14/83	11	0.	45.727	250.	0.	10200.368	100.997	0.	0.	2.	250.
11501	RADIUM 228, TOTAL	02/26/80-07/13/82	8	0.	0.125	0.5	0.	0.054	0.231	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/14/78-11/07/79	7	23.	117.	430.	11.5	28399.917	168.523	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/14/78-11/07/79	7	1.362	1.647	2.633	1.061	0.411	0.641	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			44.34								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	8	23.	150.625	930.	11.5	100285.339	316.679	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/18/78-11/07/79	8	1.362	1.637	2.968	1.061	0.411	0.641	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.373								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/15/78-03/14/79	2 ##	0.008	0.008	0.015	0.	0.	0.011	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	46	546.	538.978	860.	266.	18796.777	137.101	325.8	466.75	606.25	747.
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/14/79-06/09/81	12 ##	0.01	0.015	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	38 ##	0.05	0.068	0.5	0.05	0.005	0.074	0.05	0.05	0.05	0.1
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	04/08/80-09/03/85	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	39	0.06	0.133	2.03	0.01	0.104	0.322	0.015	0.04	0.1	0.21
80000	ALPHA ACTIVITY (PC/MG)	01/18/78-03/15/78	2	0.002	0.002	0.003	0.	0.	0.002	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	42	0	0.00	15	0	0.00	7	0	0.00	13	0	0.00	7	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	40	1	0.03	12	0	0.00	10	0	0.00	12	1	0.08	6	0	0.00
00400	PH	Other-Hi Lim.	9.	42	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	42	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	27	0	0.00	11	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	15	0	0.00	3	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	29	0	0.00	12	0	0.00	4	0	0.00	9	0	0.00	4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	3	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	43	0	0.00	15	0	0.00	7	0	0.00	14	0	0.00	7	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	26	0	0.00	6	0	0.00	5	0	0.00	11	0	0.00	4	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	43	1	0.02	15	0	0.00	7	0	0.00	14	0	0.00	7	1	0.14
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	39	0	0.00	13	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	50.	39	0	0.00	13	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	39	0	0.00	13	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
		Drinking Water	5.	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	13	0	0.00	3	0	0.00	2	0	0.00	7	0	0.00	1	0	0.00
		Drinking Water	100.	13	0	0.00	3	0	0.00	2	0	0.00	7	0	0.00	1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	37	1	0.03	12	0	0.00	7	1	0.14	12	0	0.00	6	0	0.00
		Drinking Water	1300.	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
		Drinking Water	5.	32 &	0	0.00	10	0	0.00	7	0	0.00	9	0	0.00	6	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	26	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00
		Drinking Water	100.	26	0	0.00	7	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	1	1.00							1	1	1.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	36 &	1	0.03	12	0	0.00	6	0	0.00	12	1	0.08	6	0	0.00
		Drinking Water	50.	37	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	39	1	0.03	13	1	0.08	7	0	0.00	12	0	0.00	7	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	38	0	0.00	13	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
		Drinking Water	50.	38	0	0.00	13	0	0.00	7	0	0.00	12	0	0.00	6	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	1	0.13	1	1	1.00	4	0	0.00	2	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	38	0	0.00	12	0	0.00	7	0	0.00	13	0	0.00	6	0	0.00
		Drinking Water	2.	38	0	0.00	12	0	0.00	7	0	0.00	13	0	0.00	6	0	0.00

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	14	21.9	22.414	27.7	13.4	16.775	4.096	16.05	19.975	26.075	27.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	15	1.5	2.663	11.	0.3	8.247	2.872	0.48	1.	4.	8.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	13	820.	790.077	1040.	446.	26294.577	162.156	505.6	696.	880.	1034.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	15	845.	861.533	1074.	650.	10312.981	101.553	719.	800.	935.	1017.6
00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	12	7.3	7.975	13.1	4.8	4.875	2.208	5.1	6.85	9.55	12.14
00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	15	15.	13.967	29.	5.	67.445	8.213	5.	5.	21.	26.
00400	PH (STANDARD UNITS)	01/18/78-05/26/87	14	8.3	8.321	8.7	7.5	0.108	0.329	7.75	8.175	8.625	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-05/26/87	14	8.3	8.178	8.7	7.5	0.13	0.361	7.75	8.175	8.625	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	14	0.005	0.007	0.032	0.002	0.	0.008	0.002	0.002	0.007	0.021
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	15	1.	1.067	2.	0.	0.495	0.704	0.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	15	120.	121.6	143.	108.	131.543	11.469	109.2	113.	129.	141.8
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	15	138.	145.733	174.	116.	274.781	16.577	124.4	136.	158.	172.8
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	15	0.	1.267	8.	0.	5.352	2.314	0.	0.	2.	6.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	6 ##	2.	5.583	20.	0.	57.542	7.586	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	14 ##	0.05	0.071	0.3	0.05	0.005	0.067	0.05	0.05	0.05	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	11 ##	0.005	0.034	0.25	0.005	0.005	0.073	0.005	0.005	0.025	0.21
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	12	0.17	0.285	0.85	0.005	0.067	0.258	0.01	0.125	0.493	0.778
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	15	0.5	1.273	9.	0.1	5.515	2.348	0.16	0.3	0.9	6.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	15	0.03	0.04	0.1	0.01	0.001	0.028	0.01	0.02	0.05	0.094
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	12 ##	0.008	0.01	0.03	0.003	0.	0.009	0.003	0.003	0.018	0.027
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	14	3.85	4.343	8.5	2.5	2.83	1.682	2.7	3.075	5.475	7.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	15	280.	274.133	370.	132.	3096.695	55.648	182.4	252.	307.	352.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	15	73.	69.133	92.	31.	209.981	14.491	44.8	63.	77.	88.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	15	25.	24.467	34.	13.	27.124	5.208	16.6	21.	28.	31.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	15	78.	77.267	105.	54.	146.924	12.121	60.	68.	82.	96.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	15	4.	4.	6.	2.	1.143	1.069	2.6	3.	5.	5.4
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	15	55.	54.133	76.	32.	113.267	10.643	36.8	48.	58.	70.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	15	235.	230.203	355.	0.05	6638.099	81.475	104.42	202.	265.	349.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	13	2.	1.731	3.	0.25	0.765	0.875	0.25	1.	2.	3.
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	13	0.025	18.477	90.	0.	1246.806	35.31	0.	0.	35.04	86.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	12 ##	0.5	0.542	1.	0.5	0.021	0.144	0.5	0.5	0.5	0.85
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	12 ##	2.5	2.708	6.	1.5	1.157	1.076	1.8	2.5	2.5	4.95
01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	12 ##	10.	8.542	15.	2.5	11.884	3.447	3.25	5.	10.	13.5
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	12 ##	2.5	3.042	5.	2.5	1.021	1.01	2.5	2.5	3.625	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	13 ##	5.	6.538	15.	5.	9.936	3.152	5.	5.	7.5	13.
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	12 ##	1.	1.125	2.5	1.	0.188	0.433	1.	1.	1.	2.05
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	13	15.	24.808	125.	2.5	1033.814	32.153	3.5	10.	25.	93.
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	13 ##	0.5	0.538	2.	0.25	0.207	0.455	0.25	0.25	0.5	1.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	15	560.	561.4	744.	420.	7259.971	85.205	445.8	494.	600.	712.8
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	13	0.05	0.05	0.13	0.015	0.001	0.034	0.015	0.018	0.06	0.118

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	10	11.05	10.93	16.5	3.	18.662	4.32	3.44	7.85	15.325	16.45
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	7	1.6	2.286	5.8	1.	2.755	1.66	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	10	841.	818.	1100.	350.	43810.667	209.31	382.9	717.25	937.25	1094.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	8	910.	917.875	1120.	693.	20413.268	142.875	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	10	8.9	9.08	12.2	6.6	3.357	1.832	6.64	7.675	10.475	12.14
00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	10	15.5	14.4	20.	5.	20.267	4.502	5.5	11.5	18.	19.8
00400	PH (STANDARD UNITS)	01/18/78-05/26/87	10	8.35	8.22	8.6	7.7	0.1	0.316	7.72	7.9	8.5	8.59
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-05/26/87	10	8.347	8.114	8.6	7.7	0.112	0.335	7.72	7.9	8.5	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	10	0.004	0.008	0.02	0.003	0.	0.006	0.003	0.003	0.013	0.019

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	7	1.	1.429	2.	1.	0.286	0.535	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	7	128.	128.143	134.	125.	8.476	2.911	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	7	156.	162.	198.	148.	274.667	16.573	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	7	0.	0.857	4.	0.	2.476	1.574	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	5 ##	1.5	1.6	2.	1.5	0.05	0.224	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	10 ##	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	4	0.39	0.458	0.8	0.25	0.068	0.26	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	10	0.45	0.51	0.9	0.2	0.054	0.233	0.21	0.3	0.725	0.89
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	10	0.042	0.039	0.07	0.01	0.	0.018	0.011	0.024	0.05	0.068
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	4 ##	0.01	0.008	0.01	0.003	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	9	4.2	5.078	10.	2.5	5.804	2.409	2.5	3.2	6.8	10.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	7	300.	299.143	375.	247.	1896.81	43.552	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	7	77.	75.	92.	60.	126.667	11.255	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	7	27.	27.286	35.	23.	16.238	4.03	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	7	77.	79.429	105.	57.	224.952	14.998	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	7	3.	3.571	5.	3.	0.619	0.787	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	7	54.	55.857	75.	34.	202.81	14.241	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	7	255.	217.15	325.	0.05	11353.524	106.553	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	7	1.	1.107	2.	0.25	0.455	0.675	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	7	0.05	10.039	70.	0.	699.101	26.441	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	7 ##	0.5	0.786	2.5	0.5	0.571	0.756	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	7 ##	2.5	2.857	5.	2.5	0.893	0.945	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	7 ##	10.	13.571	50.	5.	264.286	16.257	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	7 ##	5.	11.429	35.	5.	139.286	11.802	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	7 ##	1.	1.571	5.	1.	2.286	1.512	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	7	23.	26.143	60.	5.	524.143	22.894	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	7 ##	0.5	0.643	2.	0.25	0.372	0.61	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	10	595.5	607.3	778.	484.	9427.122	97.093	484.2	538.5	655.	775.6
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	7	0.06	0.056	0.09	0.015	0.001	0.024	**	**	**	**

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	12	11.05	12.692	21.5	6.7	19.45	4.41	7.39	9.25	16.525	20.42
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	13	2.3	4.731	20.	0.5	43.077	6.563	0.7	1.15	4.55	19.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	12	799.5	874.833	1850.	493.	115289.606	339.543	540.1	705.	971.5	1595.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	14	790.	813.571	1175.	488.	27545.341	165.968	579.	713.	917.5	1087.5
00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	12	8.5	8.392	11.4	2.5	5.197	2.28	3.97	7.4	9.95	11.22
00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	13	16.	16.885	42.	7.5	96.631	9.83	7.5	8.25	19.5	36.8
00400	PH (STANDARD UNITS)	01/18/78-05/26/87	11	8.3	8.273	8.8	7.5	0.104	0.323	7.62	8.2	8.4	8.76
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-05/26/87	11	8.3	8.137	8.8	7.5	0.125	0.353	7.62	8.2	8.4	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	11	0.005	0.007	0.032	0.002	0.	0.008	0.002	0.004	0.006	0.027
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	13	2.	1.692	3.	1.	0.397	0.63	1.	1.	2.	2.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	13	128.	127.923	141.	116.	52.577	7.251	117.6	120.5	133.	138.6
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	14	154.	152.786	172.	132.	111.104	10.541	136.	145.	160.5	167.
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	14	0.	1.214	6.	0.	4.335	2.082	0.	0.	3.25	5.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	11 ##	2.5	4.545	20.	1.	37.673	6.138	1.1	1.5	2.5	18.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	14 ##	0.05	0.061	0.1	0.025	0.001	0.027	0.025	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9 ##	0.025	0.02	0.025	0.005	0.	0.009	0.005	0.013	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	9	0.35	0.417	0.65	0.29	0.018	0.133	0.29	0.3	0.55	0.65
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	13	0.5	0.438	1.	0.1	0.056	0.236	0.14	0.2	0.55	0.84

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	13	0.025	0.035	0.1	0.01	0.001	0.026	0.01	0.015	0.045	0.088
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	9	0.02	0.021	0.05	0.003	0.	0.015	0.003	0.01	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	12	3.75	5.733	18.4	2.6	21.546	4.642	2.6	3.075	6.2	16.21
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	13	270.	277.462	385.	186.	2498.769	49.988	209.2	245.	310.	367.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	14	65.	67.	104.	38.	284.615	16.871	41.5	59.25	76.75	96.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	14	23.5	25.714	50.	18.	60.835	7.8	19.5	21.	28.25	40.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	14	69.	72.071	110.	33.	394.071	19.851	44.5	59.5	86.75	105.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	14	3.	3.5	7.	2.	1.654	1.286	2.	3.	4.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	14	48.	50.571	83.	19.	292.418	17.1	26.	40.25	63.25	79.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	14	219.5	216.357	355.	28.	6999.324	83.662	69.	189.	265.25	347.5
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	12	1.	1.458	3.	0.5	0.521	0.722	0.65	1.	2.	2.7
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	12 ##	0.038	10.871	70.	0.025	643.812	25.373	0.025	0.025	0.095	67.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	12 ##	0.5	0.75	3.	0.5	0.523	0.723	0.5	0.5	0.5	2.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	12 ##	2.5	2.708	5.	2.5	0.521	0.722	2.5	2.5	2.5	4.25
01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	12 ##	5.	7.083	15.	5.	11.174	3.343	5.	5.	10.	13.5
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	12 ##	2.5	3.125	5.	2.5	1.278	1.131	2.5	2.5	4.375	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	12 ##	5.	5.75	14.	2.5	10.159	3.187	2.5	5.	5.	12.8
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	12 ##	1.	4.333	41.	1.	133.333	11.547	1.	1.	1.	29.
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	12	11.25	19.458	55.	2.5	389.794	19.743	2.5	2.5	41.75	52.
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	12 ##	0.5	0.467	1.	0.25	0.045	0.212	0.25	0.25	0.5	0.88
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	14	516.	537.5	794.	336.	14689.038	121.198	378.	465.5	617.	753.
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	13 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	13	0.05	0.219	2.03	0.01	0.299	0.547	0.016	0.035	0.11	1.302

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/78-05/26/87	7	23.	24.3	28.5	21.9	5.347	2.312	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/15/78-05/26/87	7	12.1	10.614	17.	4.3	32.685	5.717	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/18/78-05/26/87	7	480.	578.	1130.	404.	65701.667	256.323	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/78-05/26/87	7	480.	605.	1310.	415.	102709.667	320.483	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/78-05/26/87	6	8.8	8.45	9.5	6.9	1.211	1.1	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/78-05/26/87	6 ##	7.5	9.5	19.	5.	30.2	5.495	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/78-05/26/87	7	8.5	8.443	8.9	8.	0.166	0.408	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/78-05/26/87	7	8.5	8.293	8.9	8.	0.192	0.438	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/78-05/26/87	7	0.003	0.005	0.01	0.001	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/15/78-05/26/87	7	1.	1.143	2.	0.	0.476	0.69	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	7	100.	105.714	139.	85.	321.905	17.942	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/15/78-05/26/87	7	122.	128.571	170.	104.	504.952	22.471	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/15/78-05/26/87	7	0.	0.143	1.	0.	0.143	0.378	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/79-05/26/87	3	43.	44.333	67.	23.	485.333	22.03	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/78-05/26/87	7 ##	0.05	0.079	0.2	0.05	0.003	0.057	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/15/78-05/26/87	4	0.17	0.265	0.6	0.12	0.051	0.226	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/78-05/26/87	6	0.45	0.5	0.7	0.3	0.028	0.167	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/78-05/26/87	6	0.05	0.055	0.1	0.03	0.001	0.024	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/15/78-05/26/87	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/18/78-05/26/87	6	5.05	4.433	5.6	1.3	2.479	1.574	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/15/78-05/26/87	7	168.	219.286	460.	152.	11858.905	108.899	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/15/78-05/26/87	7	45.	59.714	144.	38.	1409.905	37.549	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/15/78-05/26/87	7	15.	17.	24.	13.	18.667	4.32	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/15/78-05/26/87	7	33.	41.143	66.	27.	283.81	16.847	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/15/78-05/26/87	7	2.	2.714	5.	2.	1.238	1.113	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/15/78-05/26/87	7	26.	27.714	45.	16.	148.238	12.175	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/15/78-05/26/87	7	107.	153.143	411.	75.	13637.143	116.778	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/78-05/26/87	7	1.	1.043	2.	0.25	0.525	0.725	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/20/78-05/26/87	7	0.06	11.469	80.	0.	913.22	30.22	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/14/79-05/26/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/14/79-05/26/87	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/14/79-05/26/87	6 ##	5.	6.667	10.	5.	6.667	2.582	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/14/79-05/26/87	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/20/78-05/26/87	7 ##	5.	6.429	10.	5.	5.952	2.44	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/14/79-05/26/87	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/78-05/26/87	7	15.	16.429	35.	5.	97.619	9.88	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-05/26/87	6 ##	0.25	0.292	0.5	0.25	0.01	0.102	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/78-05/26/87	7	302.	396.286	860.	266.	45272.571	212.774	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/15/78-05/26/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/15/78-05/26/87	6 ##	0.05	0.133	0.5	0.05	0.033	0.181	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	03/15/78-05/26/87	6	0.2	0.22	0.4	0.08	0.013	0.112	**	**	**	**

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

Station Inventory for Station: GLCA0153

NPS Station ID: GLCA0153
LAT/LON: 37.915837/-110.387505
Agency: 112WRD
Date Created: 02/20/76
Location: DIRTY DEVIL RIVER NR HITE, UTAH 1.00
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 375457110231501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070004001
RF1 Mile Point: 1.760
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/76-01/06/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/76-01/06/76	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/76-01/06/76	1	900.	900.	900.	900.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/76-01/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/06/76-01/06/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/76-01/06/76	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/06/76-01/06/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/76-01/06/76	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/76-01/06/76	1	206.	206.	206.	206.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/06/76-01/06/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/06/76-01/06/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/06/76-01/06/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/06/76-01/06/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/76-01/06/76	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/06/76-01/06/76	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/06/76-01/06/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/06/76-01/06/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/06/76-01/06/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/06/76-01/06/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/06/76-01/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/06/76-01/06/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/76-01/06/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/76-01/06/76	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/76-01/06/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/06/76-01/06/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/06/76-01/06/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/06/76-01/06/76	1	596.	596.	596.	596.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/06/76-01/06/76	1	94.9	94.9	94.9	94.9	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/06/76-01/06/76	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0153

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GLCA0154

NPS Station ID: GLCA0154
LAT/LON: 37.936670/-110.469726
Agency: 112WRD
Date Created: 02/28/78
Location: (D-33-13)15BDC-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375612110281101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14070001034000.00
RF3 Mile Point: 1.19
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/63-06/09/63	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/63-06/09/63	1	562.	562.	562.	562.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/63-06/09/63	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/09/63-06/09/63	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/63-06/09/63	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/09/63-06/09/63	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/63-06/09/63	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/09/63-06/09/63	1	281.	281.	281.	281.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/09/63-06/09/63	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/09/63-06/09/63	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/09/63-06/09/63	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/09/63-06/09/63	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/09/63-06/09/63	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/09/63-06/09/63	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/09/63-06/09/63	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/09/63-06/09/63	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	06/09/63-06/09/63	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/63-06/09/63	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/63-06/09/63	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/09/63-06/09/63	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/63-06/09/63	1	308.	308.	308.	308.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/09/63-06/09/63	1	332.	332.	332.	332.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/09/63-06/09/63	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0155

NPS Station ID: GLCA0155
LAT/LON: 37.961670/-110.496116
Agency: 112WRD
Date Created: 02/28/78
Location: (D-33-13) 5DDB-S1
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 375742110294601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 14070001003303.96
RF3 Mile Point: 5.28
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/63-06/09/63	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/59-05/13/75	3	562.	594.	689.	531.	7009.	83.72	**	**	**	**
00400	PH (STANDARD UNITS)	04/27/59-06/09/63	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/27/59-06/09/63	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/59-06/09/63	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/59-06/09/63	2	12.5	12.5	14.	11.	4.5	2.121	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/59-05/13/75	3	258.	258.	286.	230.	784.	28.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/27/59-05/13/75	3	315.	315.	349.	281.	1156.	34.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/27/59-06/09/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/59-06/09/63	2	0.125	0.125	0.14	0.11	0.	0.021	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/75-05/13/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/75-05/13/75	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/13/75-05/13/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/59-05/13/75	3	210.	230.	280.	200.	1900.	43.589	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/59-05/13/75	3	14.	12.667	24.	0.	145.333	12.055	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/59-05/13/75	3	44.	43.667	53.	34.	90.333	9.504	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/59-05/13/75	3	41.	38.	42.	31.	37.	6.083	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/75-05/13/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/27/59-05/13/75	2	0.55	0.55	1.	0.1	0.405	0.636	**	**	**	**
00932	SODIUM, PERCENT	04/27/59-05/13/75	3	23.	19.	32.	2.	237.	15.395	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/27/59-06/09/63	2	24.7	24.7	46.	3.4	907.38	30.123	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/75-05/13/75	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/59-05/13/75	3	9.	8.333	10.	6.	4.333	2.082	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/59-05/13/75	3	63.	56.333	94.	12.	1714.333	41.405	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/59-05/13/75	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/59-05/13/75	3	10.	13.667	21.	10.	40.333	6.351	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/27/59-05/13/75	2	60.	60.	90.	30.	1800.	42.426	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/27/59-05/13/75	3	332.	349.	406.	309.	2569.	50.685	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/13/75-05/13/75	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/27/59-06/09/63	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00							2	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: GLCA0156

NPS Station ID: GLCA0156
LAT/LON: 37.962226/-109.959727
Agency: 21UTAH
Date Created: 01/19/80
Location: BIG SPRING
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 495252
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO-GYPSUM CANYON DRAINAGE
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 25.30
On/Off RF1:
RF3 Index: 14070001043601.63
RF3 Mile Point: 7.29
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	850.	850.	850.	850.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	810.	810.	840.	780.	1800.	42.426	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/79-08/09/79	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	296.5	296.5	313.	280.	544.5	23.335	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	2	338.	338.	346.	330.	128.	11.314	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	2	12.	12.	18.	6.	72.	8.485	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/12/80-06/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-06/12/80	2	2.25	2.25	2.3	2.2	0.005	0.071	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2	2.25	2.25	2.3	2.2	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	374.	374.	376.	372.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	2	51.	51.	51.	51.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	2	59.5	59.5	60.	59.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	2	34.5	34.5	35.	34.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/79-06/12/80	2	43.	43.	47.	39.	32.	5.657	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	2	43.	43.	47.	39.	32.	5.657	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	2	89.	89.	96.	82.	98.	9.899	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	2	0.26	0.26	0.27	0.25	0.	0.014	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	2	12.	12.	12.	12.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/12/80-06/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	2	117.5	117.5	155.	80.	2812.5	53.033	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/12/80-06/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/12/80-06/12/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			40.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	2	475.5	475.5	476.	475.	0.5	0.707	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/09/79-06/12/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/79-06/12/80	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/09/79-06/12/80	2 ##	0.048	0.048	0.07	0.025	0.001	0.032	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00							1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: GLCA0157

NPS Station ID: GLCA0157
LAT/LON: 37.966670/-109.942226
Agency: 21UTAH
Date Created: 02/23/80
Location: BEEF BASIN WASH AT MOUTH
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495254
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO-GYPSUM CANYON DRAINAGE
ECO Region:
RF1 Index: 14070001033
RF1 Mile Point: 9.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14070001003307.64
RF3 Mile Point: 8.40
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0157

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

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

Station Inventory for Station: GLCA0158

NPS Station ID: GLCA0158
LAT/LON: 37.968615/-109.944171
Agency: 21UTAH
Date Created: 02/23/80
Location: GYPSUM CANYON AT BEEF BASIN WASH
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495253
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO-GYPSUM CANYON DRAINAGE
ECO Region:
RF1 Index: 14070001033
RF1 Mile Point: 9.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001003101.69
RF3 Mile Point: 3.58
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/12/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/12/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	905.	905.	905.	905.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/12/80-06/12/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/12/80-06/12/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/12/80-06/12/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/12/80-06/12/80	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/80-06/12/80	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/12/80	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/12/80-06/12/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/12/80-06/12/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/12/80-06/12/80	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/12/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/12/80	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/12/80	1	64.8	64.8	64.8	64.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	1	384.	384.	384.	384.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/80-06/12/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/80-06/12/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/80-06/12/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/12/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/12/80-06/12/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/12/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/12/80	1	132.	132.	132.	132.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/80-06/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/12/80-06/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	1	175.	175.	175.	175.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/12/80-06/12/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/12/80-06/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/12/80-06/12/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1500.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	1.954	1.954	1.954	1.954	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			90.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/12/80-06/12/80	1	526.	526.	526.	526.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/12/80-06/12/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/12/80-06/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/12/80-06/12/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	06/12/80-06/12/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: GLCA0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0159

NPS Station ID: GLCA0159
LAT/LON: 37.972504/-110.393059
Agency: 21UTAH
Date Created: 06/21/80
Location: DIRTY DEVIL R 10MI AB U95 XING
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495231
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER DRAINAGE
ECO Region:
RF1 Index: 14070004001
RF1 Mile Point: 8.540
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0159

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

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

Station Inventory for Station: GLCA0160

NPS Station ID: GLCA0160
LAT/LON: 38.047226/-110.066670
Agency: 112WRD
Date Created: 02/28/78
Location: (D-30-17) 9CB -S
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 380250110040001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 14070001003200.15
RF3 Mile Point: 0.81
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/68-07/01/68	1	1770.	1770.	1770.	1770.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/68-07/01/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/68-07/01/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/68-07/01/68	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/68-07/01/68	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/68-07/01/68	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/68-07/01/68	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/68-07/01/68	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/01/68-07/01/68	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	1	894.	894.	894.	894.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/68-07/01/68	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/68-07/01/68	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/68-07/01/68	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/68-07/01/68	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/68-07/01/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/01/68-07/01/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/68-07/01/68	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/68-07/01/68	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/68-07/01/68	1	787.	787.	787.	787.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/68-07/01/68	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/68-07/01/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/01/68-07/01/68	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/68-07/01/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/68-07/01/68	1	1406.	1406.	1406.	1406.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71830	HYDROXIDE ION (MG/L AS OH)	07/01/68-07/01/68	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/68-07/01/68	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00										1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0161

NPS Station ID: GLCA0161
LAT/LON: 38.085004/-110.348615
Agency: 112WRD
Date Created: 04/20/77
Location: POISON SPRING WASH AT MOUTH NR H
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 380506110205501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070004
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/31/76	4	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0162

NPS Station ID: GLCA0162 LAT/LON: 38.085004/-110.348615 Agency: 112WRD Date Created: 07/18/81
Location: POISON SPRING WASH AT MOUTH NR HANKSVILLE 3.00 FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 380526110244001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14070004 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070004 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/28/75-08/10/76	7	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GLCA0163

NPS Station ID: GLCA0163
LAT/LON: 38.087503/-110.046392
Agency: 21UTAH
Date Created: 01/26/91
Location: COLORADO R BL BIG DROP #3 RAPID
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495238
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14070001039603.34
RF3 Mile Point: 6.24
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-07/12/90	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-07/12/90	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-07/12/90	1	846.	846.	846.	846.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-07/12/90	1	890.	890.	890.	890.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/90-07/12/90	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	1 ##	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/90-07/12/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/90-07/12/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/90-07/12/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/90-07/12/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/90-07/12/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/90-07/12/90	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/12/90-07/12/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-07/12/90	1	758.	758.	758.	758.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/12/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-07/12/90	1	0.642	0.642	0.642	0.642	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/90-07/12/90	1	313.	313.	313.	313.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/90-07/12/90	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-07/12/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/90-07/12/90	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-07/12/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-07/12/90	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-07/12/90	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/12/90-07/12/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/12/90-07/12/90	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/90-07/12/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/90-07/12/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/12/90-07/12/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/90-07/12/90	1	420.	420.	420.	420.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	07/12/90-07/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/90-07/12/90	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-07/12/90	1	610.	610.	610.	610.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/12/90-07/12/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/12/90-07/12/90	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/12/90-07/12/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/12/90-07/12/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00										1	1	1.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: GLCA0164

NPS Station ID: GLCA0164
LAT/LON: 38.095003/-110.405004
Agency: 21UTAH
Date Created: 01/16/79
Location: DIRTY DEVIL R-AB CONF W PSN SP
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 495430
RMI-Indexes: 1101000 010130
Within Park Boundary: No
RMI-Miles: 0882.90 0030.80
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO R-DIRTY DEVIL DRAINAGE
ECO Region:
RF1 Index: 14070004008
RF1 Mile Point: 0.540
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 140700010003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	2220	10.3	11.198	32.	0.	66.747	8.17	1.	3.4	18.375	22.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	116	102.	133.724	760.	7.	13743.715	117.234	37.1	69.5	159.	242.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	125	1000.	900.883	11000.	2.4	1723341.55	1312.761	193.	369.5	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	1585	1735.	1834.476	22320.	169.	567129.635	753.08	1223.2	1493.	2083.5	2569.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	141	1770.	1960.149	4800.	945.	539249.728	734.336	1246.	1447.5	2232.5	2976.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	115	8.6	9.028	17.5	4.4	4.917	2.217	6.52	7.5	10.3	12.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-10/16/79	15	2.2	2.587	6.5	1.	1.661	1.289	1.36	1.9	2.9	4.82
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	125	14.	22.66	190.	4.	833.43	28.869	5.	7.5	24.5	52.2
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	112	8.05	8.01	8.8	6.8	0.137	0.37	7.53	7.8	8.2	8.47
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	112	8.047	7.814	8.8	6.8	0.176	0.419	7.53	7.8	8.2	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	112	0.009	0.015	0.158	0.002	0.	0.022	0.003	0.006	0.016	0.03
00403	PH, LAB, STANDARD UNITS SU	01/12/77-10/21/86	33	8.1	8.1	8.5	7.5	0.04	0.2	7.9	8.	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/12/77-10/21/86	33	8.1	8.052	8.5	7.5	0.042	0.206	7.9	8.	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/77-10/21/86	33	0.008	0.009	0.032	0.003	0.	0.005	0.004	0.006	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	140	2.	2.829	13.	1.	3.683	1.919	1.	2.	3.	4.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	139	143.	142.439	236.	64.	727.016	26.963	110.	126.	154.	172.
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	139	172.	173.094	288.	78.	1086.868	32.968	134.	154.	188.	210.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	139	0.	0.302	6.	0.	1.154	1.074	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	104	3106.	3983.538	9999.	2.	11774906.634	3431.458	108.	757.25	6490.	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	86	3106.	4000.302	9999.	2.	12210793.125	3494.395	110.6	654.25	6561.25	9999.
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	03/11/80-05/17/83	3	3.5	2.567	4.	0.2	4.263	2.065	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	136	0.1	0.09	0.5	0.	0.005	0.068	0.05	0.05	0.1	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	76 ##	0.025	0.036	1.	0.	0.013	0.116	0.005	0.005	0.025	0.025
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/09/79-11/27/84	46 ##	0.025	0.024	0.025	0.005	0.	0.005	0.025	0.025	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	80	0.5	0.607	3.2	0.025	0.289	0.538	0.145	0.3	0.75	1.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/79-11/27/84	46	0.55	0.589	2.	0.025	0.159	0.399	0.097	0.335	0.75	1.015
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	129	0.5	1.257	22.9	0.1	6.846	2.616	0.2	0.3	1.15	2.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	110	0.5	0.541	4.15	0.02	0.202	0.45	0.162	0.3	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	131	0.52	1.279	16.3	0.02	5.694	2.386	0.062	0.21	1.4	2.708
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	78	0.02	0.091	0.94	0.	0.035	0.187	0.01	0.01	0.04	0.353
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	121	17.2	28.971	322.	0.5	1360.924	36.891	2.8	5.55	43.55	68.28
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	139	655.	766.115	2360.	265.	129540.117	359.917	470.	540.	860.	1290.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	138	188.	224.87	716.	40.	14704.056	121.26	120.	153.25	252.	394.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	139	44.	48.345	139.	3.	302.807	17.401	33.	38.	56.	69.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	139	155.	180.281	650.	36.	9063.725	95.204	88.	124.	224.	300.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	139	7.	8.194	24.	2.	14.752	3.841	5.	6.	10.	14.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	139	135.	154.496	2100.	16.	31936.368	178.707	65.	100.	165.	240.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	101	140.	145.782	320.	16.	3574.932	59.791	75.	108.5	170.	237.

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

Parameter Inventory for Station: GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	139	620.	754.142	3400.	0.2	248020.26	498.016	388.	485.	870.	1330.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/12/77-06/09/81	57	0.31	0.306	0.48	0.1	0.004	0.064	0.24	0.26	0.35	0.37
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	58	21.	20.345	34.	2.	32.651	5.714	13.	18.	24.	26.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/12/77-01/17/78	3	5.	4.333	5.	3.	1.333	1.155	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	134	5.	4.836	18.	1.	6.048	2.459	2.	3.	6.	8.
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/12/77-05/12/81	4	12.5	81.25	300.	0.	21406.25	146.309	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	131 ##	0.025	8.31	500.	0.	2149.071	46.358	0.025	0.025	0.025	0.098
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	59	200.	232.864	650.	25.	14769.671	121.531	105.	150.	305.	400.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/12/77-08/10/82	4	0.	143.	572.	0.	81796.	286.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	126 ##	1.	1.321	15.	0.5	3.19	1.786	0.5	0.5	1.	2.65
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/29/77-11/12/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/77-12/22/81	52 ##	2.5	2.471	5.	0.	0.514	0.717	2.	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	129 ##	5.	6.775	59.	0.	54.598	7.389	2.5	2.5	8.5	15.
01040	COPPER, DISSOLVED (UG/L AS CU)	01/12/77-01/17/78	3	10.	10.	20.	0.	100.	10.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	133	15.	27.726	910.	2.5	6329.615	79.559	5.	7.5	30.	44.6
01046	IRON, DISSOLVED (UG/L AS FE)	01/12/77-05/12/81	6	5.	16.667	80.	0.	986.667	31.411	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/12/77-01/17/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	130	9.5	14.073	460.	0.	1648.907	40.607	2.5	2.5	15.	20.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	134	552.5	606.634	1725.	5.	212157.858	460.606	70.	176.25	941.25	1300.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/12/77-01/17/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/05/83-10/05/83	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/12/77-01/17/78	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	102	15.	17.917	72.	5.	191.877	13.852	5.	5.	25.	36.4
01075	SILVER, DISSOLVED (UG/L AS AG)	01/12/77-01/17/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	129 ##	1.	1.826	18.	0.	6.807	2.609	1.	1.	1.	5.
01087	VANADIUM, TOTAL (UG/L AS V)	04/19/83-04/19/83	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/12/77-01/17/78	3	15.	18.333	30.	10.	108.333	10.408	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	131	45.	55.302	385.	2.5	2501.318	50.013	3.	25.	80.	115.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/12/77-01/17/78	3	0.5	0.333	0.5	0.	0.083	0.289	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	131 ##	0.5	0.848	32.	0.	8.224	2.868	0.25	0.25	0.5	1.
01501	ALPHA, TOTAL	01/08/80-09/02/86	20	20.5	28.2	115.	0.	760.168	27.571	0.2	9.5	38.	59.6
03501	BETA, TOTAL	01/08/80-09/02/86	20	107.	174.6	761.	0.	39738.779	199.346	5.7	23.5	243.75	501.9
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/08/80-06/14/83	17	0.	95.118	1081.	0.	69121.11	262.909	0.	0.	71.	410.6
09501	RADIUM 226, TOTAL	01/08/80-09/02/86	20	2.5	28.35	250.	0.	5762.345	75.91	0.	1.	9.5	226.4
11501	RADIUM 228, TOTAL	01/08/80-06/15/82	17	2.	3.824	14.	0.	19.029	4.362	0.	0.5	6.5	11.6
22708	URANIUM, NATURAL TOTAL MG/L	06/15/82-04/02/85	2	2.86	2.86	3.72	2.	1.479	1.216	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/13/79-02/13/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/13/79-02/13/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/15/78-11/07/79	16	1215.	2776.188	9300.	23.	12423814.296	3524.743	23.	52.5	4300.	9300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/15/78-11/07/79	16	3.072	2.809	3.968	1.362	0.976	0.988	1.362	1.69	3.633	3.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			643.671								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/13/79-02/13/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/13/79-02/13/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/15/78-11/07/79	16	255.	2418.406	11000.	11.5	15031865.074	3877.095	11.5	52.5	3800.	9810.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/15/78-11/07/79	16	2.404	2.553	4.041	1.061	1.086	1.042	1.061	1.69	3.566	3.99
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			357.183								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	01/12/77-06/27/79	19 ##	0.015	0.011	0.03	0.	0.	0.01	0.	0.	0.015	0.03
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	2 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/02/86-09/02/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/86-09/02/86	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	2 ##	0.073	0.073	0.12	0.025	0.005	0.067	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/02/86-09/02/86	1 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/03/85	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/03/85-09/03/85	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	2 ##	0.033	0.033	0.05	0.015	0.001	0.025	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/03/85-09/02/86	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	139	1344.	1510.885	4685.	50.	485252.784	696.601	872.	1054.	1764.	2374.
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	134	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/09/79-11/27/84	46	0.02	0.032	0.61	0.005	0.008	0.088	0.01	0.01	0.023	0.04
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	134 ##	0.05	0.156	2.9	0.	0.13	0.361	0.05	0.05	0.1	0.3
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	136	5.465	8.872	298.	0.015	715.43	26.748	0.112	1.425	9.	13.015

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

EPA Water Quality Criteria Analysis for Station: GLCA0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	122 &	119	0.98	29	28	0.97	32	31	0.97	45	45	1.00	16	15	0.94
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	115	0	0.00	27	0	0.00	28	0	0.00	45	0	0.00	15	0	0.00
00400	PH	Other-Hi Lim.	9.	112	0	0.00	27	0	0.00	32	0	0.00	38	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	112	0	0.00	27	0	0.00	32	0	0.00	38	0	0.00	15	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	33	0	0.00	7	0	0.00	9	0	0.00	14	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	33	0	0.00	7	0	0.00	9	0	0.00	14	0	0.00	3	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	76	1	0.01	16	1	0.06	18	0	0.00	31	0	0.00	11	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	46	0	0.00	7	0	0.00	13	0	0.00	19	0	0.00	7	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	80	0	0.00	17	0	0.00	20	0	0.00	31	0	0.00	12	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	46	0	0.00	7	0	0.00	13	0	0.00	19	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	110	0	0.00	22	0	0.00	31	0	0.00	43	0	0.00	14	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	139	1	0.01	32	1	0.03	37	0	0.00	52	0	0.00	18	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	101	0	0.00	22	0	0.00	28	0	0.00	38	0	0.00	13	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	139	122	0.88	32	30	0.94	37	29	0.78	52	48	0.92	18	15	0.83
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				3	0	0.00						
		Drinking Water	50.	3	0	0.00				3	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	134	0	0.00	30	0	0.00	34	0	0.00	52	0	0.00	18	0	0.00
		Drinking Water	50.	134	0	0.00	30	0	0.00	34	0	0.00	52	0	0.00	18	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00				3	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	131	0	0.00	29	0	0.00	32	0	0.00	52	0	0.00	18	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	1	0.25	1	1	1.00	3	0	0.00						
		Drinking Water	5.	4	1	0.25	1	1	1.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	126	10	0.08	28	1	0.04	32	1	0.03	49	8	0.16	17	0	0.00
		Drinking Water	5.	126	5	0.04	28	1	0.04	32	0	0.00	49	4	0.08	17	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				3	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	52	0	0.00	5	0	0.00	16	0	0.00	24	0	0.00	7	0	0.00
		Drinking Water	100.	52	0	0.00	5	0	0.00	16	0	0.00	24	0	0.00	7	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	129	0	0.00	28	0	0.00	33	0	0.00	51	0	0.00	17	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	1	0.33				3	1	0.33						
		Drinking Water	1300.	3	0	0.00				3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	133	58	0.44	29	10	0.34	34	16	0.47	52	24	0.46	18	8	0.44
		Drinking Water	1300.	133	0	0.00	29	0	0.00	34	0	0.00	52	0	0.00	18	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				3	0	0.00						
		Drinking Water	5.	3	0	0.00				3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	130	1	0.01	28	1	0.04	33	0	0.00	52	0	0.00	17	0	0.00
		Drinking Water	5.	122 &	86	0.70	25	13	0.52	31	22	0.71	51	44	0.86	15	7	0.47
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				3	0	0.00						
		Drinking Water	100.	3	0	0.00				3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	102	0	0.00	20	0	0.00	25	0	0.00	44	0	0.00	13	0	0.00
		Drinking Water	100.	102	0	0.00	20	0	0.00	25	0	0.00	44	0	0.00	13	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00				3	0	0.00						
		Drinking Water	50.	3	0	0.00				3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	124 &	8	0.06	27	0	0.00	29	2	0.07	50	6	0.12	18	0	0.00
		Drinking Water	50.	129	0	0.00	28	0	0.00	32	0	0.00	51	0	0.00	18	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	131	10	0.08	29	2	0.07	34	2	0.06	51	5	0.10	17	1	0.06

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

EPA Water Quality Criteria Analysis for Station: GLCA0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00				3	0	0.00						
		Drinking Water	50.	3	0	0.00				3	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	131	1	0.01	29	0	0.00	32	1	0.03	52	0	0.00	18	0	0.00
		Drinking Water	50.	131	0	0.00	29	0	0.00	32	0	0.00	52	0	0.00	18	0	0.00
22708	URANIUM, NATURAL, TOTAL	Drinking Water	0.02	2	2	1.00							1	1	1.00	1	1	1.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	8	0.50	2	1	0.50	4	2	0.50	7	4	0.57	3	1	0.33
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	16	11	0.69	2	1	0.50	4	3	0.75	7	6	0.86	3	1	0.33
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	134	1	0.01	30	1	0.03	35	0	0.00	52	0	0.00	17	0	0.00
		Drinking Water	2.	134	3	0.02	30	3	0.10	35	0	0.00	52	0	0.00	17	0	0.00

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

Annual Analysis for 1976 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	66	0.	3.	9.	0.	12.092	3.477	0.	0.	7.	8.

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

Annual Analysis for 1977 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	386	7.2	9.415	32.	0.	68.319	8.266	0.	1.775	15.625	20.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	148	1385.	1548.155	3375.	749.	224726.486	474.053	1112.9	1245.25	1679.25	2333.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	2	1180.	1180.	1210.	1150.	1800.	42.426	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	2	161.5	161.5	185.	138.	1104.5	33.234	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	2	197.	197.	226.	168.	1682.	41.012	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	2	0.875	0.875	0.95	0.8	0.011	0.106	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	2	510.	510.	520.	500.	200.	14.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	2	152.	152.	160.	144.	128.	11.314	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	2	31.5	31.5	34.	29.	12.5	3.536	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	2	60.5	60.5	71.	50.	220.5	14.849	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	2	57.5	57.5	65.	50.	112.5	10.607	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	2	425.	425.	450.	400.	1250.	35.355	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	2	27.5	27.5	33.	22.	60.5	7.778	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	2	160.	160.	170.	150.	200.	14.142	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	2	874.	874.	876.	872.	8.	2.828	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	2	49.57	49.57	96.	3.14	4311.49	65.662	**	**	**	**

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Annual Analysis for 1978 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	408	15.85	15.54	31.	0.	54.201	7.362	4.49	10.525	21.925	24.46
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	253	1928.	2033.779	4300.	600.	268925.649	518.58	1552.4	1703.	2245.	2605.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	15	1920.	2245.333	4800.	1350.	1053655.238	1026.477	1356.	1630.	2350.	4500.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	5	10.2	9.8	13.8	4.8	10.38	3.222	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	8	43.5	50.375	107.	9.	1521.696	39.009	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	6	8.1	8.083	8.4	7.8	0.062	0.248	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	6	8.1	8.026	8.4	7.8	0.066	0.256	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	6	0.008	0.009	0.016	0.004	0.	0.005	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	13	2.	1.923	3.	1.	0.244	0.494	1.	2.	2.	2.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	13	136.	132.538	149.	115.	130.769	11.435	115.4	122.5	141.	148.6
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	13	166.	161.538	182.	140.	194.103	13.932	140.8	149.	172.	181.2
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	9	2420.	3352.222	9300.	35.	10072375.694	3173.701	35.	352.5	5915.	9300.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	12	0.1	0.108	0.5	0.	0.019	0.138	0.	0.	0.1	0.41
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	9	0.02	0.133	1.	0.	0.106	0.326	0.	0.	0.06	1.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	13	0.6	0.738	3.2	0.1	0.627	0.792	0.14	0.3	0.875	2.32

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Annual Analysis for 1978 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	10	1.95	2.41	6.3	0.9	2.883	1.698	0.9	0.9	3.175	6.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	10	0.65	0.862	4.15	0.02	1.399	1.183	0.038	0.275	0.75	3.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	10	0.225	0.724	3.7	0.07	1.442	1.201	0.071	0.118	0.737	3.535
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	11	0.02	0.025	0.05	0.01	0.	0.013	0.01	0.02	0.04	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	7	13.	22.714	50.	7.	351.238	18.741	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	13	720.	828.615	1800.	570.	109341.59	330.668	570.	616.	955.	1500.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	13	192.	236.462	592.	104.	14937.436	122.219	128.	174.	264.	492.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	13	54.	57.692	114.	32.	505.231	22.477	32.4	40.	71.5	99.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	13	185.	221.769	650.	100.	20732.859	143.989	111.6	147.	237.5	530.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	13	7.	8.308	15.	4.	12.397	3.521	4.8	6.	11.5	14.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	13	150.	190.846	450.	111.	9965.141	99.826	112.6	122.5	247.5	394.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	13	750.	911.923	2490.	500.	276702.244	526.025	510.	600.	1085.	1974.
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	13	22.	19.615	25.	2.	37.59	6.131	6.4	19.	23.	24.6
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	12	6.	6.25	13.	1.	13.477	3.671	1.3	2.75	9.75	12.1
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	9	50.	62.222	100.	50.	369.444	19.221	50.	50.	80.	100.
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	13	170.	215.385	650.	105.	19410.256	139.321	111.	142.5	227.5	502.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	6	5.	6.333	15.	4.	18.267	4.274	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	7	10.	12.857	20.	0.	57.143	7.559	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	11	25.	27.273	55.	10.	181.818	13.484	11.	15.	40.	52.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	8	20.	20.	40.	0.	114.286	10.69	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	12	675.	796.667	1540.	85.	198628.788	445.678	160.	412.5	1187.5	1468.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	6	25.	27.5	40.	20.	47.5	6.892	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	6	5.	5.833	15.	0.	24.167	4.916	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	11	65.	58.636	95.	15.	655.455	25.602	18.	40.	80.	94.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	8	0.5	1.688	7.	0.	6.21	2.492	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	13	1462.	1498.154	2320.	1010.	155800.974	394.716	1030.8	1180.	1749.	2204.
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	10	0.1	0.4	2.9	0.1	0.773	0.879	0.1	0.1	0.2	2.63
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	12	8.15	9.567	32.	0.05	59.522	7.715	1.73	6.075	10.45	26.15

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Annual Analysis for 1979 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	271	8.4	9.854	26.5	0.	77.6	8.809	0.	1.	18.2	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	16	114.5	121.938	230.	20.	6161.396	78.495	23.5	37.5	197.5	223.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	14	1000.	825.5	1000.	67.	122175.808	349.537	133.5	822.5	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	203	1734.	1786.66	3092.	939.	221496.849	470.635	1163.4	1471.	2088.	2439.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	14	1635.	1606.071	2355.	1040.	175612.225	419.061	1085.	1181.25	2020.	2267.5
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	12	10.45	10.167	14.	4.4	8.661	2.943	5.24	7.675	12.65	13.82
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	11	55.	61.	154.	4.	2200.4	46.908	5.6	12.	110.	145.2
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	10	8.2	8.2	8.4	7.9	0.022	0.149	7.91	8.15	8.3	8.39
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	10	8.2	8.175	8.4	7.9	0.023	0.151	7.91	8.15	8.3	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	10	0.006	0.007	0.013	0.004	0.	0.003	0.004	0.005	0.007	0.012
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	14	2.	1.929	3.	1.	0.841	0.917	1.	1.	3.	3.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	14	145.	139.857	167.	102.	307.978	17.549	107.5	129.25	149.5	160.
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	14	175.	168.714	204.	120.	470.527	21.692	129.	157.5	182.	194.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	14	0.	0.857	4.	0.	2.286	1.512	0.	0.	2.	4.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	13	230.	235.077	548.	12.	38425.41	196.024	12.8	40.5	406.5	534.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	13	230.	234.538	547.	11.	38485.936	196.178	11.8	39.5	406.5	534.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	13	0.1	0.1	0.2	0.05	0.003	0.05	0.05	0.05	0.1	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	14	0.6	0.67	1.55	0.025	0.127	0.356	0.163	0.488	0.825	1.275
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	13	0.5	0.885	2.6	0.1	0.908	0.953	0.1	0.2	1.6	2.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	13	0.45	0.473	0.9	0.05	0.082	0.285	0.07	0.225	0.725	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	13	1.23	1.989	10.	0.09	6.954	2.637	0.162	0.33	2.65	7.28

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Annual Analysis for 1979 - Station GLCA0164

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	14		0.02	0.022	0.05	0.01	0.	0.014	0.01	0.01	0.033	0.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	5		8.	6.4	10.	1.	17.3	4.159	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	14		585.	596.429	830.	430.	14501.648	120.423	450.	487.5	710.	785.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	14		160.	168.	228.	120.	1240.615	35.222	124.	136.	202.	224.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	14		42.5	42.857	68.	29.	102.593	10.129	30.5	35.5	44.5	63.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	14		135.5	156.571	300.	61.	6358.725	79.742	69.5	84.75	230.	286.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	14		6.	6.571	10.	4.	3.495	1.869	4.5	5.	8.	10.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	14		107.5	108.571	190.	50.	2184.571	46.739	51.	67.5	144.75	187.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	14		107.5	108.571	190.	50.	2184.571	46.739	51.	67.5	144.75	187.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	14		562.5	599.857	1025.	340.	37895.67	194.668	364.	412.5	748.75	922.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	14		19.	20.214	34.	13.	34.181	5.846	13.5	15.	23.5	31.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	14		4.	4.286	7.	1.	3.451	1.858	1.5	2.75	6.	7.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	14	##	0.025	0.035	0.09	0.025	0.	0.022	0.025	0.025	0.031	0.085
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	14		145.	175.357	350.	25.	9690.247	98.439	52.5	107.5	250.	350.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	14	##	1.	1.25	2.5	0.5	0.606	0.778	0.5	0.5	2.	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	14	##	7.5	8.571	20.	2.5	18.995	4.358	3.75	5.	10.5	16.5
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	14		32.5	30.964	55.	2.5	200.941	14.175	8.75	21.75	44.25	50.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	14		8.5	7.643	15.	1.5	17.94	4.236	2.	2.5	11.	13.5
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	14		630.	653.143	1440.	35.	261616.901	511.485	57.5	151.5	1157.5	1385.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	14	##	18.75	28.25	72.	10.	452.875	21.281	10.	12.5	49.25	67.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	14	##	2.5	3.75	10.	2.5	4.567	2.137	2.5	2.5	5.	7.5
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	14		78.	82.071	190.	15.	2435.918	49.355	20.	44.75	120.75	162.5
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	14	##	0.5	2.75	32.	0.5	70.875	8.419	0.5	0.5	0.5	16.25
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	14		1172.	1201.357	1803.	780.	116384.709	341.152	788.	856.75	1539.	1740.5
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	14		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	14	##	0.05	0.096	0.2	0.05	0.004	0.063	0.05	0.05	0.163	0.2
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	14		7.375	7.739	14.9	0.35	21.232	4.608	0.975	4.11	11.975	14.375

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Annual Analysis for 1980 - Station GLCA0164

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	319		10.7	11.685	25.	0.	54.456	7.379	1.9	5.1	19.	21.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	20		95.	121.35	565.	7.	12824.134	113.244	58.1	70.	128.	210.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	19		1000.	1287.758	11000.	2.4	5640274.625	2374.926	325.	410.	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	253		1548.	1672.613	22320.	169.	2032880.476	1425.791	942.2	1290.5	1900.	2264.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	20		1905.	2045.5	4285.	1325.	496741.842	704.799	1404.5	1567.5	2300.	2988.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	15		8.2	8.307	11.6	4.7	3.195	1.787	5.96	7.3	9.5	11.36
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	18		25.	36.528	190.	7.5	1782.749	42.223	7.5	18.75	36.25	94.6
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	12		7.9	7.95	8.8	7.	0.279	0.528	7.12	7.625	8.375	8.77
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	12		7.9	7.677	8.8	7.	0.361	0.6	7.12	7.625	8.375	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	12		0.013	0.021	0.1	0.002	0.001	0.027	0.002	0.004	0.024	0.082
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	20		1.	2.	13.	1.	7.053	2.656	1.	1.	2.	2.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	20		139.	137.55	208.	92.	670.155	25.887	98.3	116.5	151.	158.8
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	20		169.	164.8	254.	112.	955.537	30.912	119.2	142.	180.5	191.4
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	20		0.	1.5	6.	0.	4.579	2.14	0.	0.	3.5	5.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	13		2880.	3233.923	9999.	2.	7767196.577	2786.969	3.2	1280.	4610.	8637.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	13		2880.	3233.923	9999.	2.	7767196.577	2786.969	3.2	1280.	4610.	8637.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	20		0.1	0.11	0.4	0.05	0.006	0.08	0.05	0.05	0.1	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	20	##	0.025	0.036	0.25	0.025	0.003	0.05	0.025	0.025	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	20		0.5	0.609	2.	0.025	0.236	0.486	0.101	0.268	0.738	1.545
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	19		0.5	0.7	2.	0.1	0.273	0.523	0.2	0.3	1.1	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	20		0.5	0.54	1.75	0.025	0.144	0.38	0.101	0.275	0.688	1.025
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	20		0.5	1.134	11.5	0.02	6.164	2.483	0.065	0.255	0.775	1.729
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	20	##	0.015	0.016	0.04	0.01	0.	0.008	0.01	0.01	0.02	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	20		6.1	13.595	68.2	0.5	302.448	17.391	1.28	2.925	19.65	45.12

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Annual Analysis for 1980 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	20	630.	709.55	1650.	436.	86810.366	294.636	471.	506.25	807.5	1209.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	20	182.	207.3	540.	108.	10981.589	104.793	117.2	137.	241.	382.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	20	44.	46.45	85.	24.	191.313	13.832	36.	36.75	49.75	72.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	20	220.	227.35	490.	111.	9882.871	99.413	129.2	152.25	262.25	424.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	20	8.	8.55	15.	2.	17.208	4.148	3.1	5.	12.25	15.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	20	165.	265.9	2100.	95.	189477.674	435.29	105.2	125.75	227.5	284.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	20	165.	170.9	285.	95.	3157.674	56.193	105.2	125.75	197.5	277.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	20	499.	519.835	2170.	0.2	284322.777	533.219	0.41	0.525	650.75	1304.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	20	19.5	19.2	25.	11.	19.747	4.444	12.1	15.	22.75	24.9
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	20	4.	5.45	18.	2.	12.155	3.486	2.1	4.	6.75	8.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	20 ##	0.025	0.043	0.3	0.025	0.004	0.062	0.025	0.025	0.025	0.077
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	20	207.5	231.45	430.	75.	9646.471	98.216	109.5	162.5	300.	397.5
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	19	1.	1.395	4.	0.5	1.738	1.318	0.5	0.5	2.	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	20	8.5	9.75	26.	2.5	47.724	6.908	2.5	5.	13.25	24.3
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	20	19.	27.9	88.	5.	459.358	21.433	5.	15.	40.25	61.3
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	20	13.	17.1	50.	5.	177.989	13.341	5.	5.	22.5	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	20	422.5	544.15	1725.	15.	198980.239	446.072	45.	235.75	766.25	1344.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	20	17.5	18.7	53.	5.	215.905	14.694	5.	5.	24.75	50.7
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	20 ##	1.	2.8	18.	1.	24.484	4.948	1.	1.	1.	14.9
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	19	72.	79.447	184.	2.5	2054.192	45.323	35.	40.	115.	155.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	20 ##	0.5	0.725	5.	0.5	1.013	1.006	0.5	0.5	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	20	1419.	1546.55	3795.	860.	460843.839	678.855	916.3	1100.5	1813.5	2460.1
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	20 ##	0.075	0.208	2.	0.	0.188	0.434	0.05	0.05	0.188	0.39
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	20	7.385	8.64	22.7	0.015	32.969	5.742	1.139	4.6	12.75	18.47

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Annual Analysis for 1981 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	234	8.95	9.827	29.5	0.	50.746	7.124	1.35	2.975	15.9	20.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	22	93.5	81.727	130.	21.	1137.065	33.72	25.8	47.	106.75	118.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	22	360.	515.909	1000.	12.	151595.706	389.353	37.6	198.75	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	225	1754.	1953.658	4960.	1100.	297332.94	545.282	1490.2	1571.5	2285.	2728.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	22	1915.	2352.364	4790.	1125.	791481.004	889.652	1603.	1742.5	2870.5	3662.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	19	9.3	8.995	13.3	5.1	3.986	1.997	6.3	7.2	10.3	11.8
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	22 ##	7.5	13.659	44.	5.	93.438	9.666	6.45	7.5	18.5	26.7
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	20	8.05	8.	8.6	7.	0.18	0.424	7.23	7.8	8.275	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	20	8.047	7.763	8.6	7.	0.239	0.489	7.23	7.8	8.275	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	20	0.009	0.017	0.1	0.003	0.001	0.024	0.003	0.005	0.016	0.06
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	22	3.	3.273	11.	1.	4.589	2.142	2.	2.	3.	6.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	22	137.5	141.136	236.	64.	1549.361	39.362	98.5	115.	155.	199.6
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	22	168.	172.045	288.	78.	2305.95	48.02	119.8	140.	189.	243.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	14	1271.	3280.786	9999.	98.	13610104.027	3689.187	178.5	606.75	5812.5	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	13	1298.	3437.462	9999.	98.	14371978.436	3791.039	162.4	523.5	6775.	9999.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	22	0.1	0.098	0.4	0.05	0.006	0.076	0.05	0.05	0.1	0.17
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	9	0.6	0.453	0.75	0.025	0.077	0.277	0.025	0.175	0.7	0.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	21	0.5	0.862	3.5	0.2	0.714	0.845	0.2	0.3	1.15	2.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	22	0.575	0.542	1.35	0.025	0.107	0.327	0.115	0.25	0.712	1.045
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	22	0.35	0.546	2.4	0.025	0.35	0.592	0.025	0.06	0.913	1.25
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	9	0.02	0.023	0.06	0.01	0.	0.017	0.01	0.01	0.035	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	22	18.65	24.205	83.5	0.5	648.372	25.463	2.1	4.35	33.15	78.87
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	22	710.	975.	2360.	500.	248645.238	498.643	573.	608.75	1297.5	1699.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	22	236.	299.818	716.	132.	27887.965	166.997	159.2	171.5	421.	574.8

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Annual Analysis for 1981 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	22	44.	54.227	139.	3.	670.089	25.886	39.3	41.	63.5	89.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	22	175.	226.591	515.	110.	12179.491	110.361	128.	140.	295.	414.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	22	8.	10.	24.	4.	32.	5.657	5.	6.	12.	21.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	22	155.	173.455	320.	100.	3853.498	62.077	108.	142.5	171.25	309.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	21	155.	176.952	320.	105.	3763.548	61.348	119.	147.5	172.5	313.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	22	705.	1044.773	3400.	445.	500505.898	707.464	509.5	558.75	1295.	2001.
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/12/77-12/22/81	9	25.	22.556	27.	6.	43.778	6.616	6.	21.5	26.	27.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	22	4.5	4.5	8.	2.	2.929	1.711	2.	3.	6.	7.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	22 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01020	BORON, DISSOLVED (UG/L AS B)	01/12/77-12/22/81	10	362.5	353.5	500.	130.	11978.056	109.444	142.	291.25	437.5	497.5
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	22 ##	0.5	0.955	3.	0.5	0.545	0.739	0.5	0.5	1.25	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	22 ##	2.5	4.159	10.	2.5	5.795	2.407	2.5	2.5	5.25	9.1
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	22	10.	14.136	55.	5.	156.885	12.525	5.	5.	20.25	32.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	22	10.	10.659	60.	2.5	143.128	11.964	2.5	4.375	10.	18.5
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	22	340.	474.727	1415.	5.	172381.636	415.189	54.5	123.75	785.	1187.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	21	13.	16.333	45.	5.	160.833	12.682	5.	5.	25.	39.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	22 ##	1.	1.045	2.	1.	0.045	0.213	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	22	60.	60.977	125.	2.5	1194.107	34.556	8.	33.75	82.25	117.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	22 ##	0.5	0.534	1.	0.25	0.026	0.16	0.5	0.5	0.5	0.85
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	22	1456.	1953.682	4685.	968.	891418.132	944.149	1168.5	1265.5	2459.	3372.
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	22 ##	0.05	0.116	0.7	0.05	0.027	0.166	0.05	0.05	0.063	0.41
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	22	6.475	6.199	17.	0.015	24.715	4.971	0.023	1.19	10.513	12.625

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Annual Analysis for 1982 - Station GLCA0164

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00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	357	10.6	11.748	27.5	0.	65.805	8.112	1.1	4.	19.9	22.92
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	25	89.	99.04	232.	18.	2439.457	49.391	42.4	67.	122.	179.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	24	1000.	829.583	1180.	125.	111932.428	334.563	127.5	715.	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	332	1924.	2056.28	3662.	1322.	231073.127	480.701	1595.3	1721.25	2172.75	2827.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	24	2070.	2220.583	3550.	1690.	274437.732	523.868	1702.5	1807.5	2547.5	3197.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	23	8.9	9.361	17.5	6.	5.968	2.443	6.48	7.9	10.1	12.28
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	22 ##	8.75	11.932	28.	5.	41.198	6.419	5.75	7.5	16.75	22.1
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	24	7.95	7.921	8.7	6.8	0.129	0.359	7.5	7.8	8.1	8.35
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	24	7.947	7.725	8.7	6.8	0.169	0.411	7.5	7.8	8.1	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	24	0.011	0.019	0.158	0.002	0.001	0.031	0.004	0.008	0.016	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	25	3.	3.64	11.	2.	3.407	1.846	2.	2.5	4.	5.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	24	146.	141.958	226.	93.	955.085	30.904	101.5	115.25	156.	188.5
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	24	178.	173.25	276.	114.	1420.804	37.694	124.	140.5	190.	230.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	25	4900.	4757.76	9999.	210.	9825936.503	3134.635	284.8	2215.	6680.	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	25	4900.	4757.76	9999.	210.	9825936.503	3134.635	284.8	2215.	6680.	9999.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	23 ##	0.05	0.083	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	22	0.5	0.532	1.8	0.1	0.161	0.402	0.2	0.2	0.7	1.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	23	0.55	0.545	0.95	0.025	0.065	0.255	0.2	0.35	0.75	0.93
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	23	1.25	1.9	15.05	0.05	9.429	3.071	0.074	0.35	1.9	4.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	23	37.2	36.73	94.6	4.2	517.679	22.753	6.38	12.9	48.	69.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	24	840.	949.583	1740.	630.	110636.775	332.621	655.	725.	1000.	1690.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	23	246.	277.13	560.	182.	10853.391	104.18	189.6	212.	296.	504.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	24	50.5	54.958	83.	33.	170.303	13.05	42.	45.25	64.75	77.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	24	170.	190.	350.	110.	3312.435	57.554	137.5	151.25	214.5	287.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	24	7.	8.625	19.	6.	11.114	3.334	6.	7.	9.75	14.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	24	142.5	158.167	305.	82.	2327.275	48.242	106.	135.	180.5	232.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	24	142.5	158.167	305.	82.	2327.275	48.242	106.	135.	180.5	232.5

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

Annual Analysis for 1982 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	24	850.	958.333	1960.	585.	153736.232	392.092	622.5	688.75	1047.5	1762.5
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	24	4.5	4.667	9.	2.	4.841	2.2	2.	3.	6.75	8.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	24 ##	0.025	0.028	0.08	0.025	0.	0.012	0.025	0.025	0.025	0.038
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	24 ##	0.5	0.833	2.	0.5	0.254	0.504	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	24 ##	2.5	4.688	20.	2.5	18.909	4.348	2.5	2.5	6.5	11.5
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	24	15.	16.25	35.	5.	104.891	10.242	5.	5.	23.75	32.5
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	24	5.5	7.75	20.	2.5	33.217	5.763	2.5	2.5	14.75	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	24	562.5	607.	1650.	15.	275986.261	525.344	27.5	86.25	940.	1493.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	24	15.5	14.917	33.	5.	74.428	8.627	5.	5.	20.	27.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	25 ##	1.	1.04	2.	1.	0.04	0.2	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	24	40.	44.458	117.	2.5	1283.781	35.83	2.5	10.	73.75	102.5
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	25 ##	0.5	0.734	3.	0.25	0.542	0.736	0.25	0.25	0.9	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	24	1645.	1857.125	3476.	1262.	375828.462	613.048	1295.	1400.5	2129.5	3011.
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	24 ##	0.05	0.108	0.5	0.05	0.02	0.14	0.05	0.05	0.088	0.45
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	24	2.045	3.951	12.34	0.015	14.134	3.759	0.09	0.64	7.35	9.55

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Annual Analysis for 1983 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	156	7.7	9.404	26.6	0.1	52.929	7.275	1.	2.35	14.05	20.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	19	146.	224.263	760.	71.	36032.205	189.822	90.	109.	267.	607.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	19	1000.	1528.474	8390.	369.	4777388.485	2185.724	466.	671.	1000.	6940.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	148	1507.5	1502.23	3410.	813.	150769.974	388.291	1043.4	1197.5	1680.25	1816.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	19	1540.	1694.737	3620.	1160.	292623.538	540.947	1280.	1420.	1700.	2310.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	19	8.4	8.742	12.	6.8	2.848	1.688	7.	7.3	10.2	12.
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	19	11.	11.947	33.	5.	71.497	8.456	5.	5.	16.	31.
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	18	8.1	8.028	8.5	7.5	0.06	0.244	7.59	7.875	8.2	8.32
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	18	8.1	7.958	8.5	7.5	0.065	0.255	7.59	7.875	8.2	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	18	0.008	0.011	0.032	0.003	0.	0.007	0.005	0.006	0.013	0.026
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	19	3.	3.316	7.	2.	2.673	1.635	2.	2.	4.	7.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	19	146.	145.895	169.	115.	175.877	13.262	130.	138.	154.	169.
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	19	178.	177.895	206.	140.	262.877	16.213	158.	168.	188.	206.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	18	6110.	5960.611	9999.	1025.	10678347.899	3267.774	1128.5	2585.75	8967.5	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	18	6110.	5960.611	9999.	1025.	10678347.899	3267.774	1128.5	2585.75	8967.5	9999.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	19 ##	0.05	0.071	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	19	0.3	0.353	0.8	0.1	0.033	0.181	0.1	0.2	0.5	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	19	0.39	0.417	0.92	0.16	0.037	0.193	0.18	0.28	0.5	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	19	0.32	0.425	1.06	0.04	0.132	0.363	0.04	0.12	0.84	1.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	19	31.6	38.195	97.7	2.8	841.262	29.005	5.3	9.4	62.3	75.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	19	560.	653.579	1650.	380.	78933.368	280.951	388.	530.	655.	930.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	19	166.	192.158	560.	40.	10937.14	104.581	112.	144.	196.	284.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	19	41.	42.526	61.	26.	82.485	9.082	32.	36.	49.	58.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	19	127.	136.842	308.	64.	3361.029	57.974	71.	92.	152.	239.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	19	6.	7.	18.	5.	9.556	3.091	5.	5.	7.	11.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	19	115.	106.789	225.	16.	2381.953	48.805	38.	60.	130.	165.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	19	115.	106.789	225.	16.	2381.953	48.805	38.	60.	130.	165.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	19	540.	654.474	1990.	326.	134140.596	366.252	434.	485.	655.	1050.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	19	5.	4.632	9.	2.	4.912	2.216	2.	3.	6.	9.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	19 ##	0.025	0.034	0.08	0.025	0.	0.019	0.025	0.025	0.025	0.07
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	19	1.	1.	2.	0.5	0.25	0.5	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	19 ##	2.5	6.579	59.	2.5	164.535	12.827	2.5	2.5	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	19 ##	5.	10.789	30.	5.	59.064	7.685	5.	5.	15.	25.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	19	7.	9.921	33.	2.5	75.702	8.701	2.5	2.5	15.	24.

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Annual Analysis for 1983 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	19	775.	792.895	1715.	70.	222281.433	471.467	110.	505.	1080.	1715.
01067	NICKEL, TOTAL (UG/L AS NI)	02/15/78-10/05/83	17	10.	11.294	37.	5.	71.971	8.484	5.	5.	16.	23.4
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	19 ##	1.	1.053	2.	1.	0.053	0.229	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	18	20.	24.583	75.	2.5	447.243	21.148	2.5	2.5	41.25	57.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	19 ##	0.25	0.345	1.	0.25	0.043	0.208	0.25	0.25	0.25	0.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	19	1166.	1262.316	3382.	50.	410215.561	640.481	738.	1030.	1358.	1976.
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	19 ##	0.05	0.092	0.5	0.05	0.013	0.115	0.05	0.05	0.05	0.3
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	19	2.91	3.339	8.5	0.015	9.151	3.025	0.015	0.13	5.78	7.65

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Annual Analysis for 1984 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	11	13.4	13.018	29.1	0.	103.026	10.15	0.08	0.8	19.8	28.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	5	162.	204.6	425.	120.	15760.8	125.542	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	11	645.	670.455	1000.	100.	117957.273	343.449	135.	380.	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	11	1160.	1278.636	2150.	780.	135327.855	367.869	832.	1074.	1384.	2058.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	11	1340.	1430.455	2230.	945.	150927.273	388.494	982.	1200.	1515.	2200.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	11	8.	8.7	12.5	6.2	4.962	2.228	6.24	7.1	11.6	12.36
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	11 ##	5.	10.091	22.	5.	39.291	6.268	5.	5.	15.	21.
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	11	8.	8.018	8.6	7.1	0.17	0.412	7.22	7.8	8.3	8.58
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	11	8.	7.804	8.6	7.1	0.22	0.469	7.22	7.8	8.3	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	11	0.01	0.016	0.079	0.003	0.	0.022	0.003	0.005	0.016	0.068
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	11	3.	3.545	7.	2.	1.873	1.368	2.2	3.	4.	6.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	11	156.	157.273	228.	118.	872.618	29.54	119.4	130.	169.	216.8
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	11	190.	191.636	278.	144.	1303.055	36.098	145.6	158.	206.	264.4
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	11	5580.	5968.636	9999.	2080.	10737553.255	3276.821	2081.4	2816.	9999.	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	3	9999.	7604.667	9999.	2816.	17198496.333	4147.107	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	11 ##	0.05	0.091	0.2	0.05	0.003	0.058	0.05	0.05	0.1	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	8	0.315	0.363	0.77	0.19	0.036	0.19	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	11	1.25	4.177	22.9	0.5	44.439	6.666	0.52	0.7	4.2	20.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	3	0.57	0.523	0.57	0.43	0.007	0.081	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	11	0.84	1.344	4.56	0.03	1.805	1.343	0.08	0.4	2.22	4.118
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	8	0.01	0.134	0.61	0.005	0.051	0.226	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	11	37.7	66.391	322.	2.7	7879.585	88.767	4.48	15.2	68.3	275.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	11	460.	503.091	960.	265.	38744.891	196.837	269.6	410.	540.	916.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	11	120.	145.636	300.	53.	4604.455	67.856	61.6	112.	160.	286.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	11	38.	37.909	51.	16.	80.691	8.983	19.6	36.	41.	50.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	11	102.	109.636	186.	36.	1593.055	39.913	41.6	98.	138.	176.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	11	6.	6.818	13.	5.	5.764	2.401	5.	5.	7.	12.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	11	90.	84.273	115.	46.	552.618	23.508	46.8	66.	100.	115.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/09/79-11/27/84	3	80.	81.667	90.	75.	58.333	7.638	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	11	444.	486.182	1025.	146.	53656.564	231.639	188.4	360.	524.	973.2
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	9	5.	5.111	7.	2.	2.861	1.691	2.	4.	6.5	7.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	9 ##	0.025	0.039	0.1	0.025	0.001	0.025	0.025	0.025	0.05	0.1
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	9	1.	0.778	1.	0.5	0.069	0.264	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	9 ##	2.5	3.278	7.	2.5	2.632	1.622	2.5	2.5	3.75	7.
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	9	10.	13.889	35.	5.	98.611	9.93	5.	7.5	20.	35.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	9	6.	7.5	22.	2.5	39.313	6.27	2.5	2.5	10.	22.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	9	515.	602.778	1175.	135.	140663.194	375.051	135.	262.5	980.	1175.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	9	25.	23.333	50.	2.5	229.688	15.155	2.5	8.75	32.5	50.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	9 ##	0.25	0.333	1.	0.25	0.063	0.25	0.25	0.25	0.25	1.

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

Annual Analysis for 1984 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	11	956.	994.818	1820.	457.	128315.764	358.212	504.4	800.	1054.	1732.8
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	9 ##	0.05	0.083	0.3	0.05	0.007	0.083	0.05	0.05	0.075	0.3
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	9	4.2	4.164	9.5	0.05	12.511	3.537	0.05	0.685	7.44	9.5

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

Annual Analysis for 1985 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	11	15.2	15.118	27.1	0.1	95.654	9.78	0.28	5.3	25.5	26.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	8	218.	191.75	361.	21.	19906.214	141.089	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	12	512.5	522.5	1000.	150.	77706.818	278.759	162.	305.	661.25	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	11	1428.	1515.	2340.	535.	332058.	576.245	614.6	1060.	2190.	2320.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	12	1495.	1623.75	2530.	1030.	237314.205	487.149	1054.	1255.	2081.25	2473.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	10	8.75	8.82	12.3	4.8	4.008	2.002	5.09	7.925	10.4	12.11
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	12	12.	13.083	30.	5.	61.72	7.856	5.	5.	17.75	27.6
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	10	8.1	8.03	8.5	7.1	0.207	0.455	7.14	7.725	8.425	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	10	8.1	7.774	8.5	7.1	0.279	0.529	7.14	7.725	8.425	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	10	0.008	0.017	0.079	0.003	0.001	0.024	0.003	0.004	0.02	0.075
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	12	1.5	1.75	4.	1.	0.932	0.965	1.	1.	2.	3.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	12	152.5	147.583	203.	101.	772.265	27.79	102.5	133.	157.	195.2
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	12	186.5	180.417	248.	124.	1141.356	33.784	125.8	162.5	192.	238.4
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	12	0.34	0.612	3.04	0.06	0.625	0.791	0.084	0.32	0.59	2.371
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	12	0.95	2.392	16.	0.1	19.114	4.372	0.19	0.425	2.35	12.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	11	0.83	2.73	16.3	0.18	21.85	4.674	0.212	0.47	2.76	13.922
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	12	0.36	0.401	0.94	0.003	0.08	0.282	0.003	0.208	0.553	0.895
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	12	5.35	16.542	87.1	1.8	637.486	25.248	1.95	2.825	19.225	73.99
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	12	549.5	645.75	1280.	365.	64116.205	253.212	383.6	460.25	769.5	1160.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	12	156.5	183.917	352.	104.	6132.447	78.31	104.6	125.5	247.75	331.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	12	41.	45.25	97.	26.	368.023	19.184	27.8	33.25	46.5	87.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	12	112.5	141.25	273.	63.	4970.568	70.502	70.2	97.75	202.	269.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	12	7.5	8.333	16.	4.	11.879	3.447	4.3	6.	10.75	14.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	12	91.5	102.417	179.	58.	1686.811	41.071	58.3	71.	140.75	174.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	12	501.5	604.333	1230.	275.	75901.333	275.502	302.3	398.75	814.75	1120.8
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	12	4.5	4.083	6.	1.	2.811	1.676	1.3	3.	5.75	6.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	11 ##	0.5	0.636	1.	0.5	0.055	0.234	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	12 ##	2.5	6.5	23.	2.5	49.727	7.052	2.5	2.5	12.5	20.6
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	12 ##	10.	94.583	910.	10.	66470.265	257.818	10.	10.	28.75	664.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	12 ##	3.75	5.75	13.	2.5	17.159	4.142	2.5	2.5	10.25	12.7
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	12	265.	369.583	990.	20.	113765.72	337.292	35.	103.75	608.75	987.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	12	25.	28.333	100.	5.	692.424	26.314	5.	6.25	37.5	83.5
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	12 ##	0.25	0.313	0.5	0.25	0.013	0.113	0.25	0.25	0.438	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	12	1084.	1216.333	2022.	718.	171966.424	414.688	738.4	914.	1603.5	1945.8
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	12 ##	0.05	0.113	0.6	0.05	0.024	0.155	0.05	0.05	0.1	0.45
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	12	3.14	5.15	32.84	0.07	79.303	8.905	0.16	0.798	4.883	24.497

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Annual Analysis for 1986 - Station GLCA0164

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	1		20.	20.	20.	20.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	1		42.	42.	42.	42.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	2		1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	1		2790.	2790.	2790.	2790.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	2		2240.	2240.	3080.	1400.	1411200.	1187.939	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	1		6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	2		21.5	21.5	28.	15.	84.5	9.192	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	1		8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	1		8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	1		0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	2		5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	2		129.5	129.5	137.	122.	112.5	10.607	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	2		156.	156.	168.	144.	288.	16.971	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	2		0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	1		5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	2	##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	2	##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	2		0.67	0.67	1.06	0.28	0.304	0.552	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	2		1.05	1.05	1.7	0.4	0.845	0.919	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	2		1.625	1.625	3.18	0.07	4.836	2.199	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	2	##	0.016	0.016	0.03	0.003	0.	0.019	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	2		5.4	5.4	8.	2.8	13.52	3.677	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	2		1108.	1108.	1665.	551.	620498.	787.717	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	2		363.	363.	560.	166.	77618.	278.6	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	2		49.	49.	64.	34.	450.	21.213	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	2		135.	135.	170.	100.	2450.	49.497	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	2		10.5	10.5	15.	6.	40.5	6.364	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	2		122.	122.	164.	80.	3528.	59.397	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	2		1153.	1153.	1778.	528.	781250.	883.883	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	2		5.	5.	8.	2.	18.	4.243	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	2	##	262.5	262.5	500.	25.	112812.5	335.876	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	2	##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	2	##	16.25	16.25	30.	2.5	378.125	19.445	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	2		115.	115.	125.	105.	200.	14.142	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	2		237.5	237.5	460.	15.	99012.5	314.663	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	2		882.5	882.5	1100.	665.	94612.5	307.591	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	2	##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	2		270.	270.	385.	155.	26450.	162.635	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	2	##	0.625	0.625	1.	0.25	0.281	0.53	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	2		1982.	1982.	2968.	996.	1944392.	1394.415	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	2		0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	2	##	1.125	1.125	2.2	0.05	2.311	1.52	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	2		158.8	158.8	298.	19.6	38753.28	196.859	**	**	**	**

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	347	17.3	16.99	30.	0.	35.748	5.979	9.58	12.	22.	24.74
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	27	80.	111.37	425.	24.	10511.165	102.524	25.	42.	146.	307.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	30	1000.	765.	1000.	28.	124312.	352.579	119.	395.	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	213	2274.	2449.117	22320.	535.	2187157.142	1478.904	1782.8	1987.	2708.5	3183.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	33	2495.	2652.333	4800.	1200.	994142.792	997.067	1388.	1925.	3270.	4294.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	27	7.7	7.352	9.6	4.7	2.061	1.436	4.8	6.4	8.4	9.26
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	31	17.	16.435	44.	5.	80.812	8.99	5.	7.5	22.	27.8
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	27	7.9	7.826	8.5	6.8	0.118	0.344	7.34	7.7	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	27	7.9	7.649	8.5	6.8	0.151	0.388	7.34	7.7	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	27	0.013	0.022	0.158	0.003	0.001	0.031	0.008	0.01	0.02	0.048
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	32	3.	4.063	13.	1.	8.964	2.994	1.	2.	5.	10.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	32	116.	121.688	208.	64.	768.48	27.721	97.	102.75	131.	156.
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	32	142.	148.156	254.	78.	1152.007	33.941	118.	125.	160.	190.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	31	0.	0.065	2.	0.	0.129	0.359	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	23	8700.	6225.935	9999.	12.	17204135.234	4147.787	201.6	1330.	9999.	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	21	6810.	6146.024	9999.	11.	16367279.462	4045.649	149.8	1547.	9999.	9999.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	33	0.1	0.103	0.5	0.05	0.008	0.088	0.05	0.05	0.1	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	16 ##	0.005	0.073	1.	0.005	0.061	0.247	0.005	0.005	0.025	0.318
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	17	0.32	0.521	3.2	0.025	0.539	0.734	0.077	0.195	0.495	1.488
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	32	0.9	2.155	22.9	0.1	17.605	4.196	0.33	0.425	1.925	5.67
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	22	0.37	0.648	4.15	0.05	0.729	0.854	0.108	0.288	0.825	1.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	31	0.35	1.549	15.05	0.025	7.919	2.814	0.026	0.05	1.98	3.916
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	17	0.03	0.144	0.94	0.003	0.066	0.257	0.005	0.008	0.185	0.612
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	30	40.45	40.68	97.7	2.3	996.539	31.568	2.81	7.65	68.225	83.25
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	32	1110.	1174.563	2360.	265.	247206.06	497.198	540.	800.	1647.5	1740.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	31	308.	372.161	716.	156.	26426.806	162.563	160.	232.	544.	582.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	32	56.5	57.125	139.	16.	548.758	23.426	33.3	39.5	68.	81.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	32	220.	231.031	650.	36.	18402.676	135.656	91.6	117.5	296.25	463.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	32	11.5	12.25	22.	6.	17.29	4.158	7.	9.	15.	18.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	32	147.	207.594	2100.	16.	126562.572	355.756	58.6	84.75	182.5	299.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	32	1107.5	1237.956	3400.	0.2	565048.921	751.697	468.6	650.5	1776.	2149.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	30	3.	3.533	8.	1.	2.947	1.717	2.	2.	5.	6.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	29 ##	0.025	20.885	500.	0.	8727.689	93.422	0.	0.025	0.025	25.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	28 ##	0.5	1.232	10.	0.5	3.527	1.878	0.5	0.5	1.	3.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	28 ##	2.5	6.982	30.	2.5	65.694	8.105	2.5	2.5	9.	23.2
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	29	10.	20.897	125.	5.	787.596	28.064	5.	5.	27.5	35.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	28 ##	5.	21.643	460.	1.5	7394.46	85.991	2.5	2.5	7.75	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	30	277.5	510.333	1715.	15.	275618.23	524.994	25.5	83.5	1010.	1341.9
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	28 ##	1.	1.25	5.	1.	0.639	0.799	1.	1.	1.	2.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	29	29.	50.793	385.	2.5	5749.331	75.824	2.5	5.	82.5	105.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	29	0.5	0.934	5.	0.25	1.193	1.092	0.25	0.5	1.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	31	1930.	2158.129	4685.	50.	1087958.516	1043.052	996.8	1422.	2968.	3498.4
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	32	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	30	0.1	0.39	2.9	0.05	0.496	0.704	0.05	0.05	0.425	1.87
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	29	1.09	15.297	298.	0.015	3014.834	54.908	0.015	0.36	9.345	19.6

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	631	1.9	2.903	14.2	0.	8.18	2.86	0.	0.9	4.5	7.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	30	105.5	115.667	268.	18.	2205.402	46.962	82.6	93.75	132.	181.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	32	860.5	675.188	1000.	12.	128212.286	358.067	146.	362.25	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	397	1594.	1600.322	3995.	218.	143812.204	379.226	1150.2	1363.5	1810.	2023.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	38	1692.5	1625.	2330.	1030.	136416.216	369.346	1138.5	1318.75	1891.25	2113.5
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	28	11.2	11.321	17.5	7.6	4.014	2.003	9.31	9.85	12.475	13.82

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	34	10.	24.529	190.	5.	1328.075	36.443	5.	7.5	31.25	72.5
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	32	8.2	8.134	8.8	7.	0.131	0.362	7.7	7.925	8.375	8.57
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	32	8.2	7.946	8.8	7.	0.167	0.409	7.7	7.925	8.375	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	32	0.006	0.011	0.1	0.002	0.	0.017	0.003	0.004	0.012	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	37	2.	2.459	6.	1.	1.089	1.043	1.	2.	3.	4.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	37	148.	152.514	226.	115.	499.479	22.349	129.6	138.	164.	186.
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	37	178.	184.919	276.	140.	769.688	27.743	157.6	167.	200.	227.2
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	37	0.	0.486	6.	0.	1.868	1.367	0.	0.	0.	2.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	25	2816.	3665.32	9999.	34.	9273718.143	3045.278	172.4	1082.5	5915.	8670.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	19	2816.	3429.526	9999.	33.	9364109.263	3060.083	116.	230.	5660.	8250.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	36	0.1	0.078	0.1	0.	0.001	0.03	0.05	0.05	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	18 ##	0.025	0.039	0.25	0.	0.003	0.057	0.005	0.021	0.025	0.115
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	20	0.625	0.711	1.6	0.34	0.074	0.272	0.453	0.55	0.838	0.995
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	33	0.5	0.767	3.5	0.1	0.634	0.796	0.1	0.2	0.95	1.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	31	0.57	0.61	1.75	0.15	0.071	0.266	0.37	0.5	0.7	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	34	0.56	1.028	11.5	0.025	3.75	1.937	0.115	0.265	1.008	1.975
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	20	0.02	0.11	0.79	0.	0.052	0.228	0.01	0.01	0.03	0.596
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	30	13.4	18.25	51.3	0.5	239.238	15.467	1.82	3.	32.35	40.41
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	37	630.	641.703	1050.	365.	26630.604	163.189	470.	510.	740.	856.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	37	184.	187.378	344.	104.	2911.186	53.955	128.	146.	215.	255.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	37	41.	42.027	79.	26.	96.916	9.845	31.4	36.	45.5	54.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	37	135.	139.73	260.	50.	2829.869	53.197	69.4	99.5	165.	233.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	37	6.	6.486	14.	2.	6.312	2.512	4.	5.	7.	10.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	37	129.	120.27	184.	50.	1594.369	39.93	57.6	89.	155.	170.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	37	500.	516.354	1200.	0.5	66608.674	258.087	0.58	400.	672.5	793.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	34	4.5	4.824	18.	1.	8.574	2.928	2.	3.	5.25	7.5
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	32 ##	0.025	0.039	0.3	0.	0.003	0.051	0.025	0.025	0.025	0.077
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	32 ##	0.75	0.953	4.	0.5	0.554	0.744	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	33	5.	6.47	26.	2.5	29.858	5.464	2.5	2.5	9.	13.8
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	34	15.	21.382	88.	5.	337.334	18.367	5.	5.	27.5	45.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	33	10.	13.045	60.	2.5	191.443	13.836	2.5	2.5	15.	36.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	34	485.	575.676	1725.	20.	183752.832	428.664	67.5	247.25	867.5	1115.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	32 ##	1.	2.422	18.	1.	16.115	4.014	1.	1.	1.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	34	45.	53.397	184.	2.5	1412.572	37.584	15.	25.	75.	105.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	32 ##	0.5	1.4	32.	0.25	31.199	5.586	0.25	0.25	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	38	1268.	1230.474	1912.	718.	103113.067	321.112	858.7	912.75	1431.	1658.4
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	35 ##	0.05	0.093	0.5	0.	0.01	0.098	0.05	0.05	0.1	0.17
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	37	6.61	9.359	96.	0.015	252.042	15.876	0.89	2.465	9.795	14.22

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	944	10.9	11.095	26.5	0.	35.256	5.938	2.	7.	16.	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	43	120.	154.814	607.	38.	13790.584	117.433	53.4	89.	184.	268.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	46	1000.	1267.283	11000.	130.	4308654.607	2075.73	217.5	385.	1000.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	767	1702.	1783.465	3244.	753.	180356.325	424.684	1342.4	1528.	2000.	2376.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	52	1695.	1793.462	2880.	1110.	164332.881	405.38	1344.5	1532.5	2027.5	2338.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	45	9.1	9.089	12.7	4.4	3.086	1.757	6.92	7.75	10.3	11.68
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	43	14.	24.698	154.	4.	954.43	30.894	6.	7.5	30.	53.4
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	38	8.1	8.	8.6	7.	0.145	0.381	7.38	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	38	8.1	7.795	8.6	7.	0.188	0.433	7.38	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	38	0.008	0.016	0.1	0.003	0.	0.021	0.004	0.005	0.016	0.042
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	52	2.	2.5	7.	1.	1.353	1.163	1.	2.	3.	4.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	52	148.5	150.423	236.	112.	442.367	21.033	131.6	139.	154.	169.

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	52	179.	182.981	288.	136.	662.176	25.733	160.6	170.	188.	206.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	52	0.	0.269	6.	0.	1.259	1.122	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	40	2215.	2954.463	9999.	2.	8164522.325	2857.363	98.2	474.5	4817.125	6828.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	33	2240.	3094.561	9999.	2.	8803324.652	2967.04	162.4	488.	5339.75	7938.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	50	0.1	0.093	0.4	0.	0.006	0.076	0.05	0.05	0.1	0.19
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	31 ##	0.025	0.021	0.07	0.	0.	0.014	0.001	0.01	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	31	0.65	0.716	3.04	0.025	0.347	0.589	0.202	0.35	0.8	1.45
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	47	0.5	1.057	16.	0.2	5.425	2.329	0.2	0.3	0.9	2.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	43	0.55	0.513	1.05	0.02	0.069	0.262	0.188	0.28	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	48	0.67	1.606	16.3	0.04	7.521	2.742	0.116	0.325	1.713	3.715
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	30	0.02	0.051	0.56	0.003	0.013	0.113	0.01	0.01	0.04	0.059
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	45	13.	28.72	322.	0.5	2516.819	50.168	2.76	5.05	34.6	59.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	52	615.	642.308	1000.	380.	22232.335	149.105	457.9	552.5	720.	899.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	52	174.5	182.192	286.	40.	2603.256	51.022	120.	148.75	217.	259.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	52	44.	45.308	75.	3.	126.256	11.236	34.	39.25	49.75	58.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	52	155.	174.192	350.	78.	3849.178	62.042	115.6	138.25	207.5	270.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	52	6.5	7.019	12.	4.	3.431	1.852	5.	6.	8.	10.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	52	135.	148.75	310.	60.	3237.289	56.897	88.	115.	165.	255.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	52	593.	650.173	1200.	340.	40412.93	201.03	448.8	516.	757.5	1026.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	52	6.	5.885	13.	1.	5.32	2.306	3.	4.25	7.	9.
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	52 ##	0.025	7.717	100.	0.	429.482	20.724	0.025	0.025	0.025	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	49	1.	1.806	15.	0.5	5.467	2.338	0.5	0.5	2.	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	51 ##	5.	5.647	20.	0.	21.373	4.623	2.5	2.5	7.5	12.4
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	52	15.	22.587	90.	2.5	318.086	17.835	5.	10.	33.75	45.7
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	52	12.	13.077	40.	0.	73.572	8.577	2.5	7.25	18.25	20.7
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	52	672.5	722.731	1715.	5.	200598.554	447.882	106.5	362.75	987.5	1358.
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	51 ##	1.	2.	15.	0.	6.41	2.532	1.	1.	2.5	5.
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	51	55.	62.147	190.	2.5	1867.833	43.218	7.	30.	90.	119.4
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	52 ##	0.5	0.534	7.	0.	0.858	0.926	0.25	0.25	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	52	1283.	1368.327	2320.	780.	128089.597	357.896	993.	1119.5	1566.	2013.8
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	51	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	52 ##	0.05	0.095	0.6	0.	0.009	0.095	0.05	0.05	0.1	0.2
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	52	6.14	6.354	19.	0.04	17.916	4.233	0.615	3.255	8.425	12.637

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/76-09/02/86	298	22.3	22.347	32.	0.	17.596	4.195	19.	20.6	24.05	27.01
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/09/79-09/02/86	16	76.	148.625	760.	7.	41208.25	202.998	16.1	25.75	158.5	568.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/77-10/21/86	17	500.	574.082	1180.	2.4	128143.34	357.971	48.48	317.5	1000.	1036.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/01/77-09/02/86	208	1821.	1840.077	4270.	169.	653702.709	808.519	956.7	1191.25	2314.5	3039.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/77-10/21/86	18	1655.	1880.222	3410.	945.	506761.477	711.872	1111.5	1370.	2321.25	3215.6
00300	OXYGEN, DISSOLVED MG/L	01/17/78-09/02/86	15	7.3	7.58	8.9	6.2	0.572	0.756	6.68	7.	8.2	8.84
00335	COD, .025N K2CR2O7 MG/L	01/17/78-10/21/86	17	14.	25.118	110.	5.	962.954	31.032	5.	5.5	23.5	94.8
00400	PH (STANDARD UNITS)	01/17/78-09/02/86	15	8.1	8.1	8.7	7.6	0.083	0.288	7.72	7.9	8.3	8.58
00400	CONVERTED PH (STANDARD UNITS)	01/17/78-09/02/86	15	8.1	8.019	8.7	7.6	0.09	0.3	7.72	7.9	8.3	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/78-09/02/86	15	0.008	0.01	0.025	0.002	0.	0.006	0.003	0.005	0.013	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	01/12/77-10/21/86	19	2.	2.368	7.	1.	3.468	1.862	1.	1.	3.	7.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	18	136.	135.556	228.	93.	838.85	28.963	108.3	115.	149.75	161.4
00440	BICARBONATE ION (MG/L AS HCO3)	01/12/77-10/21/86	18	163.	164.556	278.	114.	1254.497	35.419	128.4	140.	182.5	197.
00445	CARBONATE ION (MG/L AS CO3)	01/12/77-10/21/86	19	0.	0.421	4.	0.	1.146	1.071	0.	0.	0.	2.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/17/78-03/05/85	16	4010.	3830.	9999.	5.	8827886.667	2971.176	11.3	757.25	5498.	9026.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/79-10/21/86	13	3540.	3667.538	9999.	5.	10743613.103	3277.745	8.2	525.5	5581.	9443.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/77-10/21/86	17 ##	0.05	0.082	0.2	0.05	0.002	0.05	0.05	0.05	0.1	0.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	11 ##	0.025	0.018	0.025	0.005	0.	0.01	0.005	0.005	0.025	0.025

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/77-10/21/86	12	0.29	0.273	0.6	0.025	0.029	0.171	0.036	0.125	0.373	0.57
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-10/21/86	17	0.5	1.071	4.	0.1	1.53	1.237	0.1	0.3	1.75	3.68
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-04/03/84	14	0.345	0.307	0.74	0.025	0.043	0.207	0.025	0.1	0.45	0.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-10/21/86	18	0.3	0.421	1.5	0.02	0.15	0.387	0.065	0.158	0.55	1.185
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/12/77-10/21/86	11	0.01	0.086	0.35	0.01	0.018	0.133	0.01	0.01	0.18	0.344
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/15/78-10/21/86	16	16.45	27.825	75.7	3.9	609.883	24.696	3.9	7.025	52.7	66.32
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/77-10/21/86	18	595.	653.389	1290.	288.	69621.075	263.858	378.	469.	800.	1137.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/12/77-10/21/86	18	148.	171.556	356.	53.	6686.026	81.768	91.7	111.	211.	332.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/12/77-10/21/86	18	46.5	54.5	114.	26.	573.088	23.939	31.4	37.5	67.5	98.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/12/77-10/21/86	18	162.	191.	435.	64.	13815.882	117.541	64.	91.75	272.25	421.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/12/77-10/21/86	18	6.5	7.889	24.	3.	22.928	4.788	4.8	5.	8.25	15.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/77-10/21/86	18	132.5	147.056	320.	38.	7353.232	85.751	43.4	87.75	187.75	306.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/12/77-10/21/86	18	606.5	683.167	1430.	146.	118588.382	344.367	308.	431.75	848.75	1340.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/78-10/21/86	18	4.	4.	8.	2.	2.588	1.609	2.	2.75	5.	6.2
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/78-10/21/86	18 ##	0.025	4.467	80.	0.	355.347	18.851	0.	0.025	0.025	8.045
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/78-10/21/86	17 ##	0.5	0.765	2.	0.5	0.16	0.4	0.5	0.5	1.	1.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/78-10/21/86	17	7.	10.412	59.	2.5	181.039	13.455	2.5	2.5	10.5	27.8
01042	COPPER, TOTAL (UG/L AS CU)	02/15/78-10/21/86	18	15.	65.556	910.	5.	44485.203	210.915	5.	10.	23.25	122.5
01051	LEAD, TOTAL (UG/L AS PB)	02/15/78-10/21/86	17 ##	5.	6.647	22.	2.5	34.493	5.873	2.5	2.5	10.	18.8
01055	MANGANESE, TOTAL (UG/L AS MN)	02/15/78-10/21/86	18	437.5	490.222	1200.	40.	157299.242	396.61	49.	140.25	778.75	1177.5
01077	SILVER, TOTAL (UG/L AS AG)	02/15/78-10/21/86	18 ##	1.	1.167	2.5	1.	0.235	0.485	1.	1.	1.	2.5
01092	ZINC, TOTAL (UG/L AS ZN)	02/15/78-10/21/86	17	50.	46.265	130.	2.5	1230.785	35.083	2.5	12.5	69.5	90.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/78-10/21/86	18 ##	0.5	0.639	3.	0.25	0.524	0.724	0.25	0.25	0.5	2.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/12/77-10/21/86	18	1215.	1400.	2786.	694.	395626.	628.988	733.6	854.	1801.25	2562.8
71830	HYDROXIDE ION (MG/L AS OH)	01/12/77-10/21/86	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	01/12/77-10/21/86	17 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
74010	IRON, TOTAL (MG/L AS FE)	01/12/77-10/21/86	18	3.925	4.794	13.7	0.015	20.316	4.507	0.015	0.408	9.2	11.09

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

Station Inventory for Station: GLCA0165

NPS Station ID: GLCA0165 LAT/LON: 38.097226/-110.407503 Agency: 112WRD Date Created: / /
Location: DIRTY DEVIL R AB POISON SP WA NR HANKSVILL 2.00 FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09333500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14070004 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070004008 RF1 Mile Point: 0.790 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	151	13.	13.182	32.	0.	76.425	8.742	0.6	5.5	20.5	24.8
00060	FLOW, STREAM, MEAN DAILY CFS	08/05/69-09/24/74	41	74.	73.854	223.	1.	3443.828	58.684	5.	23.	111.5	161.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	161	80.	86.839	600.	0.	6098.	78.09	5.	28.	121.	176.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	151	1860.	2081.722	5000.	900.	595529.015	771.705	1302.	1500.	2500.	3150.
00300	OXYGEN, DISSOLVED MG/L	08/05/69-08/26/75	9	8.2	8.778	12.2	7.2	3.077	1.754	7.2	7.45	10.2	12.2
00400	PH (STANDARD UNITS)	08/05/69-08/04/76	25	7.9	7.794	8.4	6.5	0.174	0.417	7.16	7.6	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	08/05/69-08/04/76	25	7.9	7.507	8.4	6.5	0.26	0.51	7.16	7.6	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/69-08/04/76	25	0.013	0.031	0.316	0.004	0.004	0.062	0.006	0.008	0.025	0.07
00405	CARBON DIOXIDE (MG/L AS CO2)	11/17/70-08/04/76	15	2.6	8.52	87.	1.2	472.78	21.744	1.5	2.1	3.7	38.16
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/69-08/04/76	19	144.	338.842	3840.	106.	719537.363	848.255	109.	122.	159.	211.
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/69-08/04/76	18	173.5	175.833	257.	129.	1098.853	33.149	132.6	148.5	191.	236.3
00445	CARBONATE ION (MG/L AS CO3)	08/05/69-08/04/76	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/10/71-08/04/76	14	0.5	0.591	1.5	0.09	0.161	0.401	0.09	0.375	0.775	1.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/12/71-08/04/76	13	0.03	0.042	0.21	0.	0.003	0.058	0.	0.	0.06	0.162
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/12/71-08/04/76	13	0.01	0.016	0.07	0.005	0.	0.018	0.005	0.005	0.02	0.054
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/69-08/04/76	18	712.	888.778	1880.	510.	164747.359	405.891	519.	557.5	1147.5	1718.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/69-08/04/76	18	575.	746.111	1730.	360.	175860.105	419.357	369.	406.	1032.5	1613.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/69-08/04/76	18	219.5	266.444	587.	140.	18186.497	134.857	149.	160.	364.	553.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/69-08/04/76	18	46.	54.833	101.	34.	422.5	20.555	35.8	37.	71.75	88.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/69-08/04/76	19	153.	198.842	440.	110.	10403.14	101.996	110.	120.	290.	342.
00931	SODIUM ADSORPTION RATIO	08/05/69-08/04/76	18	2.3	2.744	5.	1.9	0.958	0.979	1.99	2.	3.45	4.64
00932	SODIUM, PERCENT	08/05/69-08/04/76	19	31.	30.316	45.	13.	48.006	6.929	19.	27.	35.	37.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/69-08/04/76	19	8.7	10.584	26.	5.8	29.423	5.424	6.	6.6	14.	20.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/69-08/04/76	19	120.	159.263	370.	90.	5831.649	76.365	92.	110.	200.	290.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/69-08/04/76	19	720.	959.579	2030.	420.	277672.257	526.946	460.	500.	1300.	1900.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/71-08/04/76	13	0.4	0.377	0.5	0.2	0.01	0.101	0.24	0.3	0.5	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/69-08/04/76	16	20.	19.875	29.	14.	16.917	4.113	14.	16.25	23.	25.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/18/75-11/18/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/18/75-11/18/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/10/71-08/04/76	13	160.	182.308	360.	100.	6985.897	83.582	104.	110.	250.	332.
01035	COBALT, DISSOLVED (UG/L AS CO)	11/18/75-11/18/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/10/71-05/28/76	3	30.	50.	100.	20.	1900.	43.589	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/18/75-11/18/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/10/71-05/28/76	3	20.	13.333	20.	0.	133.333	11.547	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/75-11/18/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/75-11/18/75	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/18/75-11/18/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/18/75-11/18/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0165

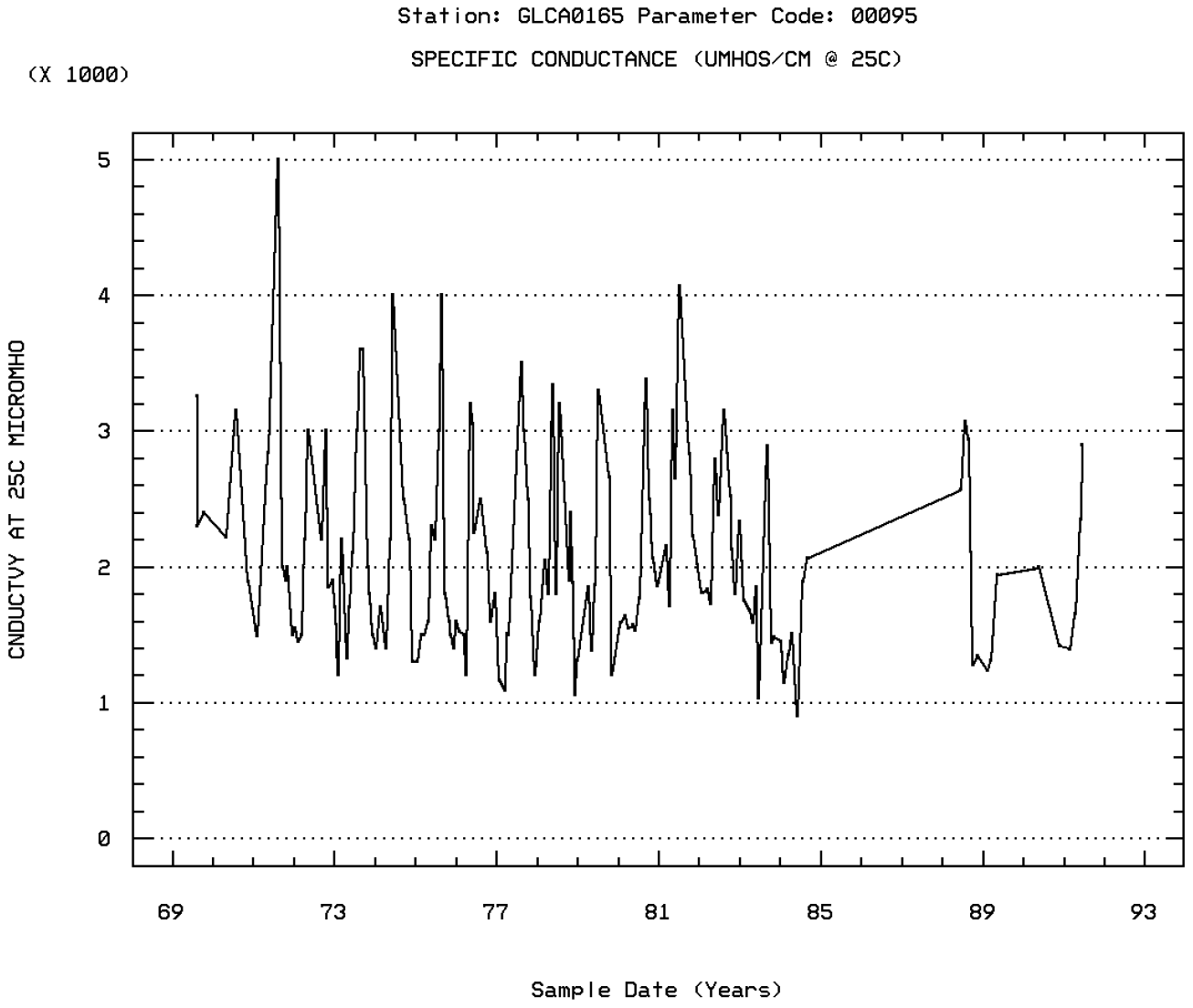
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11/18/75-11/18/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/18/75-11/18/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
13503	STRONTIUM 90, DISSOLVED	11/18/75-11/18/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/76-09/09/76	1	340.	340.	340.	340.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/09/76-09/09/76	1	2.531	2.531	2.531	2.531	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			340.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/76-09/09/76	1	89.	89.	89.	89.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/76-09/09/76	1	1.949	1.949	1.949	1.949	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			89.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/09/76-09/09/76	1	220.	220.	220.	220.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/09/76-09/09/76	1	2.342	2.342	2.342	2.342	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			220.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/69-11/17/70	5	2100.	2298.	3240.	1500.	556520.	746.003	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/69-08/04/76	18	1330.	1703.722	3460.	963.	609485.624	780.696	990.9	1042.5	2215.	3172.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/05/69-08/04/76	19	201.	240.495	474.	91.6	13262.375	115.162	97.8	160.	352.	412.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/69-08/04/76	19	2.04	2.412	4.71	1.31	1.195	1.093	1.35	1.43	3.07	4.27
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/18/75-11/18/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	25	0	0.00	8	0	0.00	5	0	0.00	9	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	25	1	0.04	8	1	0.13	5	0	0.00	9	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	14	0	0.00	4	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	19	19	1.00	6	6	1.00	4	4	1.00	7	7	1.00	2	2	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	1	1.00				1	1	1.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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



DIRTY DEVIL R AB POISON SP WA NR HANKSV

Annual Analysis for 1969 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	4	19.5	19.5	26.	13.	56.333	7.506	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	3	33.	32.	33.	30.	3.	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	3	2400.	2653.333	3260.	2300.	278533.333	527.763	**	**	**	**

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

Annual Analysis for 1970 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	3	11.	12.333	22.	4.	82.333	9.074	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	3	24.	47.	96.	21.	1803.	42.462	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	3	2220.	2420.	3150.	1890.	426900.	653.376	**	**	**	**

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

Annual Analysis for 1971 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	8	14.25	12.625	25.	0.	90.339	9.505	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	8	26.5	43.875	119.	5.	2161.268	46.489	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	8	2000.	2716.25	5000.	1490.	2160226.786	1469.771	**	**	**	**

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

Annual Analysis for 1972 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	9	7.	8.611	20.	0.	69.549	8.34	0.	0.5	16.5	20.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	9	81.	78.222	202.	1.	4082.944	63.898	1.	13.	113.	202.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	9	1900.	2072.222	3000.	1450.	352569.444	593.776	1450.	1525.	2600.	3000.

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

Annual Analysis for 1973 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	12	11.5	12.042	27.5	0.	90.703	9.524	0.	2.875	20.875	25.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	12	93.	96.667	190.	28.	2547.333	50.471	28.	55.75	126.5	182.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	12	1900.	2144.167	3600.	1200.	679953.788	824.593	1239.	1550.	2800.	3600.

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

Annual Analysis for 1974 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	8	10.5	12.5	30.5	0.	111.071	10.539	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	8	98.5	122.625	317.	5.	11084.839	105.285	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	8	1950.	2087.5	4000.	1300.	795535.714	891.928	**	**	**	**

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

Annual Analysis for 1975 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	12	12.75	12.542	29.	0.	84.657	9.201	0.	5.25	17.375	28.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	12	98.	102.5	219.	11.	5027.	70.901	11.6	35.	152.	214.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	12	1600.	1975.	4000.	1300.	643863.636	802.411	1330.	1500.	2275.	3700.

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Annual Analysis for 1976 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	12	14.25	12.25	23.5	0.	60.705	7.791	0.6	4.25	17.	23.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	13	57.	64.538	172.	0.	2560.936	50.606	2.8	27.5	85.5	163.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	12	1950.	2035.	3200.	1200.	394609.091	628.179	1290.	1540.	2437.5	3155.

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Annual Analysis for 1977 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	9	10.	12.556	30.	1.	91.84	9.583	1.	4.75	20.	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	9	65.	71.223	177.	0.01	2452.266	49.52	0.01	44.	93.	177.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	9	1510.	1915.556	3500.	1090.	768502.778	876.643	1090.	1180.	2750.	3500.

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Annual Analysis for 1978 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	10	14.25	13.15	25.5	0.	75.725	8.702	0.3	4.5	20.25	25.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	11	67.	71.818	138.	0.	2579.564	50.789	2.	12.	133.	137.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	10	1890.	2103.	3340.	1060.	493334.444	702.378	1114.	1750.	2600.	3326.

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Annual Analysis for 1979 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	7	11.	13.214	26.5	0.	98.071	9.903	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	9	54.	73.778	224.	0.	7162.194	84.63	0.	3.	145.	224.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	7	1850.	1938.571	3300.	1200.	606514.286	778.79	**	**	**	**

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

Annual Analysis for 1980 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	10	15.25	14.	25.5	1.	82.222	9.068	1.05	5.625	22.	25.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	11	99.	98.	211.	0.	3175.4	56.351	9.2	52.	118.	200.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	10	1705.	1945.	3380.	1530.	345138.889	587.485	1532.	1565.	2170.	3292.

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Annual Analysis for 1981 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	8	17.25	15.563	26.	3.	65.46	8.091	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	9	61.	67.444	132.	0.	2549.528	50.493	0.	17.5	117.	132.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	7	2650.	2684.286	4070.	1710.	600095.238	774.658	**	**	**	**

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

Annual Analysis for 1982 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	8	12.75	12.438	22.	1.	56.103	7.49	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	9	81.	84.111	120.	41.	860.111	29.328	41.	59.5	114.5	120.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	10	2230.	2247.	3150.	1730.	228334.444	477.844	1737.	1807.5	2587.5	3114.

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Annual Analysis for 1983 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	7	11.	11.286	20.5	4.	35.155	5.929	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	7	133.	171.714	324.	113.	7113.238	84.34	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	8	1635.	1713.75	2890.	1030.	288141.071	536.788	**	**	**	**

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

Annual Analysis for 1984 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	8	14.	13.	23.	0.5	78.929	8.884	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	8	164.	222.25	600.	119.	26411.357	162.516	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	7	1450.	1472.857	2060.	900.	161357.143	401.693	**	**	**	**

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

Annual Analysis for 1988 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	7	23.	21.929	32.	6.5	69.786	8.354	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	7	43.	48.143	117.	1.	1454.476	38.138	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	7	2570.	2202.857	3070.	1280.	736890.476	858.423	**	**	**	**

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

Annual Analysis for 1989 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	3	9.5	10.5	21.5	0.5	111.	10.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	4	72.	78.25	169.	0.	7292.917	85.399	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	3	1310.	1496.667	1940.	1240.	148633.333	385.53	**	**	**	**

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

Annual Analysis for 1990 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	2	11.	11.	21.	1.	200.	14.142	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	4	6.	25.5	90.	0.	1881.	43.37	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	2	1710.	1710.	2000.	1420.	168200.	410.122	**	**	**	**

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

Annual Analysis for 1991 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	4	18.25	16.	24.	3.5	98.833	9.941	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	5	10.	42.	135.	0.	3255.5	57.057	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	4	2000.	2072.5	2900.	1390.	468691.667	684.611	**	**	**	**

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	38	20.	18.987	30.	8.	27.48	5.242	12.15	15.375	23.	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	46	34.	51.022	317.	0.	3887.066	62.346	0.	5.	61.25	131.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	38	2500.	2630.526	5000.	1280.	756005.121	869.486	1584.	2045.	3037.5	3640.

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

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	35	2.	3.243	10.5	0.	10.138	3.184	0.	0.	6.	8.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	35	91.	92.943	146.	10.	1070.408	32.717	46.4	79.	119.	134.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	35	1600.	1638.857	2400.	1060.	111657.479	334.152	1200.	1400.	1860.	2128.

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

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	57	11.	11.456	24.	0.	42.092	6.488	0.9	7.	16.75	20.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	57	118.	125.526	600.	1.	8904.361	94.363	21.	58.	167.	219.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	56	1645.	1828.393	3340.	1090.	310137.37	556.9	1289.	1500.	2125.	2888.

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

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/69-06/12/91	21	24.	23.929	32.	17.	20.607	4.54	17.	20.5	27.	30.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/69-07/09/91	23	28.	53.304	287.	0.	4283.221	65.446	0.4	7.	91.	121.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/69-06/12/91	22	2475.	2483.182	4070.	900.	716860.823	846.676	1180.	1852.5	3090.	3790.

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

Station Inventory for Station: GLCA0166

NPS Station ID: GLCA0166
LAT/LON: 38.100003/-110.000005
Agency: 21UTWR
Date Created: 02/02/79
Location: COLORADO RIVER AT LAKE POWELL
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14070001034
RF1 Mile Point: 11.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14070001002701.71
RF3 Mile Point: 6.32
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FROM THE UTAH DIVISION OF WILDLIFE RESOURCES SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM COLORADO RIVER AT LAKE POWELL

Parameter Inventory for Station: GLCA0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	12/01/71-04/27/72	9	0.87	1.01	2.9	0.24	0.647	0.805	0.24	0.395	1.26	2.9
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/01/71-04/27/72	9	0.08	0.092	0.16	0.06	0.001	0.032	0.06	0.07	0.11	0.16
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/01/71-04/27/72	9	0.44	0.541	1.01	0.38	0.043	0.207	0.38	0.4	0.66	1.01
34474	SILVER WET WGTTISMG/KG	12/01/71-04/27/72	9	0.042	0.044	0.08	0.013	0.001	0.023	0.013	0.025	0.063	0.08
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/01/71-04/27/72	9 ##	0.005	0.046	0.244	0.005	0.007	0.086	0.005	0.005	0.072	0.244
34685	ENDRIN WET WGTTISMG/KG	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34687	HEPTACHLOR WET WGTTISMG/KG	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/01/71-04/27/72	9 ##	0.005	0.135	1.	0.005	0.109	0.329	0.005	0.005	0.093	1.
39312	P P DDD IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/01/71-04/27/72	9	0.28	0.266	0.66	0.005	0.041	0.203	0.005	0.083	0.375	0.66
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39482	METHOXYCHLOR IN FISH - UG/KG	12/01/71-04/27/72	9 ##	5.	6.444	18.	5.	18.778	4.333	5.	5.	5.	18.
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/01/71-04/27/72	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.08	0.106	0.2	0.04	0.004	0.059	0.04	0.06	0.17	0.2
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.39	0.343	0.58	0.16	0.019	0.138	0.16	0.215	0.435	0.58
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	9	1.94	1.719	2.21	0.37	0.356	0.596	0.37	1.465	2.165	2.21
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.19	0.232	0.58	0.11	0.021	0.145	0.11	0.13	0.28	0.58
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/01/71-04/27/72	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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

Station Inventory for Station: GLCA0167

NPS Station ID: GLCA0167
LAT/LON: 38.134726/-110.037504
Agency: 21UTAH
Date Created: 12/22/90
Location: ERNIES COUNTRY SPG E .5MI SE WHITMORE ARCH WA-2
FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599545
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14070001046400.00
RF3 Mile Point: 1.23
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-04/30/92	3	15.5	14.4	15.8	11.9	4.71	2.17	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-04/30/92	3	0.5	0.733	1.4	0.3	0.343	0.586	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-04/30/92	3	249.	248.667	258.	239.	90.333	9.504	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-04/30/92	3	257.	256.333	258.	254.	4.333	2.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/91-04/30/92	3	7.6	7.667	8.5	6.9	0.643	0.802	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/91-04/30/92	3	7.9	7.067	8.3	5.	3.243	1.801	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/91-04/30/92	3	7.9	5.476	8.3	5.	7.037	2.653	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-04/30/92	3	0.013	3.339	10.	0.005	33.275	5.768	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/13/91-04/30/92	3	8.	8.	8.1	7.9	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/91-04/30/92	3	8.	7.992	8.1	7.9	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-04/30/92	3	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-04/30/92	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	3	123.	124.	126.	123.	3.	1.732	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-04/30/92	3	151.	151.667	154.	150.	4.333	2.082	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/13/91-04/30/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-04/30/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-04/30/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-04/30/92	3	0.11	0.12	0.2	0.05	0.006	0.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	3	0.08	0.183	0.4	0.07	0.035	0.188	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-04/30/92	3	0.01	0.009	0.011	0.005	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-04/30/92	3 ##	0.005	0.008	0.014	0.005	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	3	138.	137.	141.	132.	21.	4.583	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-04/30/92	3	34.	34.	35.	33.	1.	1.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-04/30/92	3	13.	12.667	13.	12.	0.333	0.577	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-04/30/92	3	2.2	2.167	2.3	2.	0.023	0.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-04/30/92	3	1.2	1.167	1.2	1.1	0.003	0.058	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-04/30/92	3	2.	1.833	2.	1.5	0.083	0.289	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-04/30/92	3	12.6	12.533	13.	12.	0.253	0.503	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/26/91	2	90.	90.	140.	40.	5000.	70.711	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/26/91	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/26/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/26/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/26/91	2	28.	28.	32.	24.	32.	5.657	**	**	**	**

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

Parameter Inventory for Station: GLCA0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-04/30/92	3	148.	147.333	150.	144.	9.333	3.055	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-04/30/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/26/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/26/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00				2	1	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: GLCA0168

NPS Station ID: GLCA0168 LAT/LON: 38.134726/-110.073892 Agency: 21UTAH Date Created: 12/22/90
Location: ERNIES COUNTRY SPG W .5MI S GOLDEN STAIRS WA-1 FIPS State/County: 49017 UTAH/GARFIELD
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599546
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14070001 RF1 Mile Point: 0.000 Distance from RF1: 23.70 On/Off RF1:
RF3 Index: 14070001039700.00 RF3 Mile Point: 1.24 Distance from RF3: 0.48 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-04/30/92	3	14.8	17.267	25.6	11.4	54.973	7.414	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-04/30/92	3	1.	0.867	1.	0.6	0.053	0.231	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-04/30/92	3	314.	309.	331.	282.	619.	24.88	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-04/30/92	3	325.	319.667	334.	300.	310.333	17.616	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/91-04/30/92	3	11.5	10.9	12.7	8.5	4.68	2.163	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/91-04/30/92	3	8.1	8.067	8.9	7.2	0.723	0.85	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/91-04/30/92	3	8.1	7.618	8.9	7.2	1.025	1.013	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-04/30/92	3	0.008	0.024	0.063	0.001	0.001	0.034	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/13/91-04/30/92	3	8.1	8.067	8.1	8.	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/91-04/30/92	3	8.1	8.064	8.1	8.	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-04/30/92	3	0.008	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-04/30/92	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	3	146.	142.667	151.	131.	108.333	10.408	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-04/30/92	3	178.	174.	185.	159.	181.	13.454	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/13/91-04/30/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-04/30/92	3	3.	2.833	4.	1.5	1.583	1.258	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-04/30/92	3 ##	0.025	0.037	0.06	0.025	0.	0.02	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-04/30/92	3	0.22	0.423	1.	0.05	0.257	0.507	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	3	0.2	0.157	0.2	0.07	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-04/30/92	3	0.012	0.01	0.014	0.005	0.	0.005	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-04/30/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-04/30/92	3	161.	158.333	163.	151.	41.333	6.429	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-04/30/92	3	33.	32.	34.	29.	7.	2.646	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-04/30/92	3	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-04/30/92	3	6.8	6.767	6.9	6.6	0.023	0.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-04/30/92	3	2.2	2.267	2.6	2.	0.093	0.306	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-04/30/92	3	7.	7.333	8.	7.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-04/30/92	3	20.	21.667	26.	19.	14.333	3.786	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/26/91	2	85.	85.	130.	40.	4050.	63.64	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/26/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/26/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/26/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/26/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/26/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-04/30/92	3	178.	176.	180.	170.	28.	5.292	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-04/30/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/26/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/26/91	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	1	160.	160.	160.	160.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	04/30/92-04/30/92	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	04/30/92-04/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: GLCA0169

NPS Station ID: GLCA0169 LAT/LON: 38.188337/-110.026948 Agency: 21UTAH Date Created: 12/22/90
Location: S FK HORSE CYN SPG 1MI E/NE THE GAP(UPSTR) SF-6 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599544
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0169

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

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

Station Inventory for Station: GLCA0170

NPS Station ID: GLCA0170 LAT/LON: 38.190003/-110.026948 Agency: 21UTAH Date Created: 12/22/90
Location: S FK HORSE CYN SPG 1MI E/NE THE GAP(DWNSTR) SF-5 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599543
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-05/01/92	3	13.1	13.033	15.6	10.4	6.763	2.601	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-05/01/92	3	1.2	1.067	1.5	0.5	0.263	0.513	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-05/01/92	3	550.	565.	607.	538.	1359.	36.865	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-05/01/92	3	561.	570.333	608.	542.	1154.333	33.975	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/91-05/01/92	3	8.1	7.067	8.8	4.3	5.863	2.421	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/91-05/01/92	3	7.6	7.433	8.2	6.5	0.743	0.862	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/91-05/01/92	3	7.6	6.936	8.2	6.5	1.114	1.056	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-05/01/92	3	0.025	0.116	0.316	0.006	0.03	0.174	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/13/91-05/01/92	3	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/91-05/01/92	3	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-05/01/92	3	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-05/01/92	3	4.	4.333	5.	4.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-05/01/92	3	231.	228.667	246.	209.	346.333	18.61	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-05/01/92	3	282.	279.333	301.	255.	534.333	23.116	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/13/91-05/01/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-05/01/92	3 ##	1.5	7.	18.	1.5	90.75	9.526	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-05/01/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-05/01/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/01/92	3	0.03	0.047	0.08	0.03	0.001	0.029	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-05/01/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-05/01/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-05/01/92	3	264.	270.333	306.	241.	1086.333	32.96	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-05/01/92	3	48.	51.667	65.	42.	142.333	11.93	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-05/01/92	3	35.	34.333	35.	33.	1.333	1.155	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-05/01/92	3	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-05/01/92	3	3.9	3.933	4.1	3.8	0.023	0.153	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-05/01/92	3	15.	15.333	16.	15.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-05/01/92	3	53.	52.6	55.	49.8	6.88	2.623	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/27/91	2	160.	160.	180.	140.	800.	28.284	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/27/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/27/91	2	20.35	20.35	32.	8.7	271.445	16.476	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/27/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/27/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/01/92-05/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-05/01/92	3	334.	334.667	352.	318.	289.333	17.01	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-05/01/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/27/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/27/91	2 ##	0.12	0.12	0.23	0.01	0.024	0.156	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/01/92-05/01/92	1	140.	140.	140.	140.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/01/92-05/01/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/01/92-05/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00				2	1	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: GLCA0171

NPS Station ID: GLCA0171
LAT/LON: 38.191393/-109.997505
Agency: 21UTAH
Date Created: 12/22/90
Location: PLUG SPRING 1 MI N/NW OF THE PLUG SF-1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599551
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/92-05/02/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/02/92	2	3.15	3.15	5.7	0.6	13.005	3.606	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/92-05/02/92	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/02/92	2	661.	661.	661.	661.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/02/92-05/02/92	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/02/92-05/02/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/02/92-05/02/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/92-05/02/92	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/02/92	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/12/91-05/02/92	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/91-05/02/92	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/02/92	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/02/92	2	308.	308.	337.	279.	1682.	41.012	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/02/92	2	375.5	375.5	411.	340.	2520.5	50.205	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/02/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/02/92	2	18.	18.	28.	8.	200.	14.142	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/02/92	2 ##	0.068	0.068	0.11	0.025	0.004	0.06	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/02/92	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/02/92	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/02/92	2	0.025	0.025	0.038	0.012	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/02/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/02/92	2	318.	318.	335.	301.	578.	24.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/02/92	2	66.5	66.5	75.	58.	144.5	12.021	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/02/92	2	37.	37.	38.	36.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/02/92	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/02/92	2	4.65	4.65	4.7	4.6	0.005	0.071	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/02/92	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/02/92	2	35.2	35.2	35.4	35.	0.08	0.283	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-05/12/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-05/12/91	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-05/12/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-05/12/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-05/12/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-05/12/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-05/12/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-05/12/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-05/12/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-05/12/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GLCA0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/02/92-05/02/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/02/92	2	389.	389.	398.	380.	162.	12.728	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/02/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-05/12/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/12/91-05/12/91	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/02/92-05/02/92	1	270.	270.	270.	270.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/02/92-05/02/92	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/02/92-05/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GLCA0172

NPS Station ID: GLCA0172
LAT/LON: 38.214170/-110.067782
Agency: 21UTAH
Date Created: 12/22/90
Location: BIGWATER SPG 1.5MI W/SW OF ELATERITE BUTTE BWC-1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599541
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0172

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

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

Station Inventory for Station: GLCA0173

NPS Station ID: GLCA0173
LAT/LON: 38.214170/-110.068059
Agency: 112WRD
Date Created: 01/21/84
Location: (D-30-17) 9CBC-S1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 381251110040501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1	2150.	2150.	2150.	2150.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1	1980.	1980.	1980.	1980.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GLCA0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GLCA0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0174

NPS Station ID: GLCA0174
LAT/LON: 38.224448/-110.082781
Agency: 112WRD
Date Created: 01/21/84
Location: (D-30-17) 5CDC-S1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 381328110045801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0174

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1		6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1		1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1		3250.	3250.	3250.	3250.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1		0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1		8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1		8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1		0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1	##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	1		1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	1		140.	140.	140.	140.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	1		230.	230.	230.	230.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	1		440.	440.	440.	440.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1		5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1		42.	42.	42.	42.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1		35.	35.	35.	35.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	1		150.	150.	150.	150.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1		1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1		0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	1		9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	1		30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	1		60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1		2840.	2840.	2840.	2840.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GLCA0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0175

NPS Station ID: GLCA0175 LAT/LON: 38.225837/-110.001948 Agency: 21UTAH Date Created: 12/22/90
Location: CHOCOLATE DROPS SPG .5MI S OF MAZE OVERLOOK SF-4 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599542
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/91-05/04/92	3	25.5	21.967	26.	14.4	43.003	6.558	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/04/92	3	0.7	0.9	1.7	0.3	0.52	0.721	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/91-05/04/92	3	567.	548.	579.	498.	1911.	43.715	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/04/92	3	561.	569.667	602.	546.	840.333	28.989	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/12/91-05/04/92	3	7.2	6.733	8.6	4.4	4.573	2.139	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/91-05/04/92	3	7.9	7.9	8.2	7.6	0.09	0.3	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/91-05/04/92	3	7.9	7.833	8.2	7.6	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/91-05/04/92	3	0.013	0.015	0.025	0.006	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/04/92	3	8.	8.	8.1	7.9	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/12/91-05/04/92	3	8.	7.992	8.1	7.9	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/91-05/04/92	3	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/04/92	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	3	221.	226.333	246.	212.	310.333	17.616	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/04/92	3	270.	276.333	300.	259.	450.333	21.221	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/04/92	3	5.	4.5	7.	1.5	7.75	2.784	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/04/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/04/92	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/04/92	3	0.2	0.143	0.2	0.03	0.01	0.098	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/04/92	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/04/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	3	251.	248.667	274.	221.	706.333	26.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/04/92	3	48.	45.333	57.	31.	174.333	13.204	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/04/92	3	32.	33.	35.	32.	3.	1.732	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/04/92	3	17.	17.667	19.	17.	1.333	1.155	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/04/92	3	5.6	5.567	5.7	5.4	0.023	0.153	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/04/92	3	13.	12.	13.	10.	3.	1.732	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/04/92	3	60.8	60.6	61.	60.	0.28	0.529	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-09/25/91	2	115.	115.	150.	80.	2450.	49.497	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-09/25/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-09/25/91	2	43.15	43.15	80.	6.3	2715.845	52.114	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-09/25/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GLCA0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/04/92	3	332.	336.	346.	330.	76.	8.718	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-09/25/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/12/91-09/25/91	2 ##	0.115	0.115	0.22	0.01	0.022	0.148	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	110.	110.	110.	110.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0176

NPS Station ID: GLCA0176
LAT/LON: 38.226392/-110.067782
Agency: 112WRD
Date Created: 01/21/84
Location: (D-30-17) 4CCB-S1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 381335110040401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0176

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1		12.	12.	12.	12.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1		2880.	2880.	2880.	2880.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1		0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1		0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1	##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	1		1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	1		350.	350.	350.	350.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	1		190.	190.	190.	190.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	1		150.	150.	150.	150.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1		1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1		21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	1		84.	84.	84.	84.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1		1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	1		9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	1		40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	1		60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1		2510.	2510.	2510.	2510.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GLCA0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0177

NPS Station ID: GLCA0177
LAT/LON: 38.228337/-109.985282
Agency: 21UTAH
Date Created: 12/22/90
Location: HARVEST SCENE SPG 1MI NE OF CHOCOLATE DROPS SF-2
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599548
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/91-05/04/92	3	18.2	19.333	22.7	17.1	8.803	2.967	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/91-05/04/92	3	13.	10.133	16.	1.4	59.453	7.711	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/91-05/04/92	3	1009.	923.667	1053.	709.	35045.333	187.204	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/91-05/04/92	3	1009.	948.	1090.	745.	32547.	180.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/91-05/04/92	3	7.2	8.2	10.5	6.9	3.99	1.997	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/91-05/04/92	3	7.1	6.433	7.6	4.6	2.583	1.607	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/91-05/04/92	3	7.1	5.075	7.6	4.6	5.35	2.313	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-05/04/92	3	0.079	8.408	25.119	0.025	209.445	14.472	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/13/91-05/04/92	3	8.	7.9	8.	7.7	0.03	0.173	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/91-05/04/92	3	8.	7.876	8.	7.7	0.031	0.176	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/91-05/04/92	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/13/91-05/04/92	3	9.	8.667	10.	7.	2.333	1.528	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/91-05/04/92	3	403.	390.333	468.	300.	7176.333	84.713	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/91-05/04/92	3	491.	476.	571.	366.	10675.	103.32	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/13/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-05/04/92	3	20.	33.833	80.	1.5	1684.083	41.038	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/91-05/04/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/91-05/04/92	3	0.2	0.283	0.6	0.05	0.081	0.284	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/04/92	3	0.04	0.053	0.09	0.03	0.001	0.032	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/91-05/04/92	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/13/91-05/04/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/91-05/04/92	3	444.	426.	482.	352.	4468.	66.843	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/91-05/04/92	3	61.	59.667	70.	48.	122.333	11.06	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/91-05/04/92	3	71.	67.333	88.	43.	516.333	22.723	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/91-05/04/92	3	44.	42.	51.	31.	103.	10.149	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/91-05/04/92	3	4.6	4.733	5.2	4.4	0.173	0.416	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/13/91-05/04/92	3	55.	50.	65.	30.	325.	18.028	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/13/91-05/04/92	3	80.	85.333	100.	76.	165.333	12.858	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/13/91-09/25/91	2	235.	235.	260.	210.	1250.	35.355	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/91-09/25/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/13/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/13/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/91-09/25/91	2	225.	225.	320.	130.	18050.	134.35	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/25/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/13/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GLCA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/13/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/13/91-05/04/92	3	592.	575.333	686.	448.	14369.333	119.872	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/13/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/13/91-09/25/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/13/91-09/25/91	2	2.08	2.08	3.9	0.26	6.625	2.574	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GLCA0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00				2	1	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0178

NPS Station ID: GLCA0178
LAT/LON: 38.228892/-109.997782
Agency: 21UTAH
Date Created: 12/22/90
Location: MAZE OVERLOOK SPG .25MI SE OF MAZE OVERLOOK SF-3
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599550
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/91-05/04/92	3	20.4	21.4	27.3	16.5	29.91	5.469	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/12/91-05/04/92	3	0.8	0.933	1.5	0.5	0.263	0.513	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/91-05/04/92	3	548.	395.667	583.	56.	86836.333	294.68	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/91-05/04/92	3	583.	581.333	589.	572.	74.333	8.622	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/12/91-05/04/92	3	7.1	7.233	7.9	6.7	0.373	0.611	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/91-05/04/92	3	7.9	8.033	8.7	7.5	0.373	0.611	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/91-05/04/92	3	7.9	7.812	8.7	7.5	0.447	0.668	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/91-05/04/92	3	0.013	0.015	0.032	0.002	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/12/91-05/04/92	3	8.1	8.067	8.1	8.	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/12/91-05/04/92	3	8.1	8.064	8.1	8.	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/91-05/04/92	3	0.008	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/12/91-05/04/92	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	3	229.	232.667	246.	223.	142.333	11.93	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/91-05/04/92	3	279.	284.	301.	272.	229.	15.133	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/12/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/91-05/04/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/91-05/04/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/91-05/04/92	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/04/92	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/12/91-05/04/92	3 ##	0.005	0.01	0.019	0.005	0.	0.008	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/91-05/04/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/91-05/04/92	3	261.	263.667	280.	250.	230.333	15.177	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/91-05/04/92	3	49.	48.	53.	42.	31.	5.568	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/91-05/04/92	3	36.	35.	38.	31.	13.	3.606	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/91-05/04/92	3	20.	19.	20.	17.	3.	1.732	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/91-05/04/92	3	5.6	5.667	5.8	5.6	0.013	0.115	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/12/91-05/04/92	3	13.	12.667	16.	9.	12.333	3.512	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/12/91-05/04/92	3	67.	65.467	74.	55.4	88.253	9.394	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/12/91-09/25/91	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/12/91-09/25/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/12/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/12/91-09/25/91	2	56.	56.	81.	31.	1250.	35.355	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/12/91-09/25/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/12/91-09/25/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GLCA0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/12/91-09/25/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/91-05/04/92	3	346.	345.333	350.	340.	25.333	5.033	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/12/91-05/04/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/12/91-09/25/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/12/91-09/25/91	2	0.235	0.235	0.37	0.1	0.036	0.191	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/04/92-05/04/92	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/04/92-05/04/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0179

NPS Station ID: GLCA0179 LAT/LON: 38.233059/-109.945837 Agency: 21UTAH Date Created: 12/22/90
Location: JASPER CYN SPG(LOWER) 3MI E OF MAZE OVERLOOK JC1 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599552
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GLCA0180

NPS Station ID: GLCA0180
LAT/LON: 38.236671/-110.146948
Agency: 21UTAH
Date Created: 12/22/90
Location: FRENCH SPRING FS-1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 599547
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14070004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14070004
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GLCA0181

NPS Station ID: GLCA0181
LAT/LON: 38.240281/-110.146948
Agency: 112WRD
Date Created: 02/28/78
Location: (D-30-16) 3AAB-S1
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 381425110084901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/69-09/03/69	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/03/69-09/03/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/69-09/03/69	1	790.	790.	790.	790.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/03/69-09/03/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/03/69-09/03/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/69-09/03/69	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/03/69-09/03/69	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/03/69-09/03/69	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/03/69-09/03/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/03/69-09/03/69	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/03/69-09/03/69	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/69-09/03/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/69-09/03/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/03/69-09/03/69	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/03/69-09/03/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/03/69-09/03/69	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/69-09/03/69	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/69-09/03/69	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/03/69-09/03/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/03/69-09/03/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/03/69-09/03/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/69-09/03/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/03/69-09/03/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/69-09/03/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/03/69-09/03/69	1	504.	504.	504.	504.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-09/03/69	1	427.	427.	427.	427.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/03/69-09/03/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/03/69-09/03/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0182

NPS Station ID: GLCA0182 LAT/LON: 38.245837/-109.986671 Agency: 21UTAH Date Created: 12/22/90
Location: S FK HORSE CYN SPG 1MI NE OF MAZE OVERLOOK SF-7 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599549
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/91-05/14/91	1	18.1	18.1	18.1	18.1	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/14/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/14/91	1	899.	899.	899.	899.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/14/91-05/14/91	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/91-05/14/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/91-05/14/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/91-05/14/91	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/14/91-05/14/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/14/91-05/14/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/91-05/14/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/14/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	1	364.	364.	364.	364.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/14/91	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/14/91-05/14/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/14/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/14/91-05/14/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/91-05/14/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/14/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/91-05/14/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/91-05/14/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	1	414.	414.	414.	414.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/14/91-05/14/91	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/14/91	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/91-05/14/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/14/91	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/14/91	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/14/91	1	92.	92.	92.	92.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/14/91-05/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/14/91-05/14/91	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/14/91-05/14/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/14/91-05/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/14/91-05/14/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/14/91-05/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/14/91-05/14/91	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/14/91-05/14/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/14/91-05/14/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/14/91-05/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/14/91	1	538.	538.	538.	538.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GLCA0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71830	HYDROXIDE ION (MG/L AS OH)	05/14/91-05/14/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/14/91-05/14/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/14/91-05/14/91	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0183

NPS Station ID: GLCA0183 LAT/LON: 38.264171/-109.982782 Agency: 21UTAH Date Created: 12/22/90
Location: JUNCTION SPG/HORSE CANYON 1 MI S OF EKKER B HC-1 FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 599556
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14060008 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 14070001003402.50 RF3 Mile Point: 5.66 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/91-05/03/92	3	28.	24.633	28.1	17.8	35.023	5.918	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/03/92	3	1.3	2.9	7.	0.4	12.81	3.579	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/27/91-05/03/92	2	577.5	577.5	990.	165.	340312.5	583.363	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/03/92	3	1043.	1041.667	1054.	1028.	170.333	13.051	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/14/91-05/03/92	3	7.3	7.6	8.2	7.3	0.27	0.52	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/91-05/03/92	3	7.9	7.967	8.3	7.7	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/91-05/03/92	3	7.9	7.902	8.3	7.7	0.1	0.315	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/91-05/03/92	3	0.013	0.013	0.02	0.005	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/14/91-05/03/92	3	8.	7.967	8.	7.9	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/14/91-05/03/92	3	8.	7.964	8.	7.9	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/91-05/03/92	3	0.01	0.011	0.013	0.01	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/03/92	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/14/91-05/03/92	3	189.	179.333	194.	155.	450.333	21.221	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/03/92	3	230.	219.	237.	190.	643.	25.357	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/14/91-05/03/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/03/92	3	4.	25.167	70.	1.5	1509.083	38.847	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/14/91-05/03/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/91-05/03/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/03/92	3	0.05	0.05	0.06	0.04	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/91-05/03/92	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/91-05/03/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/91-05/03/92	3	492.	489.	496.	479.	79.	8.888	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/14/91-05/03/92	3	98.	95.333	100.	88.	41.333	6.429	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/03/92	3	61.	61.	63.	59.	4.	2.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/91-05/03/92	3	42.	42.	42.	42.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/03/92	3	10.	9.967	10.	9.9	0.003	0.058	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/03/92	3	21.	20.667	21.	20.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/03/92	3	370.	369.267	380.	357.8	123.613	11.118	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/14/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/14/91-09/27/91	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/14/91-09/27/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/14/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/14/91-09/27/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/14/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/14/91-09/27/91	2	31.5	31.5	42.	21.	220.5	14.849	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/14/91-09/27/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/14/91-09/27/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GLCA0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/14/91-09/27/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/03/92-05/03/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/03/92	3	768.	768.	774.	762.	36.	6.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/14/91-05/03/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/14/91-09/27/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/14/91-09/27/91	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
82702	AS DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	05/03/92-05/03/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	05/03/92-05/03/92	1	0.051	0.051	0.051	0.051	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	05/03/92-05/03/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0184

NPS Station ID: GLCA0184
LAT/LON: 38.365003/-110.020004
Agency: 112WRD
Date Created: 03/11/78
Location: ANDERSON BOTTOM - GREEN RIVER
FIPS State/County: 49055 UTAH/WAYNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 382154110011200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008001
RF1 Mile Point: 31.690
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/77-10/22/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/77-10/22/77	1	965.	965.	965.	965.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/22/77-10/22/77	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/22/77-10/22/77	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/77-10/22/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/22/77-10/22/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/22/77-10/22/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/22/77-10/22/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/77-10/22/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/77-10/22/77	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/77-10/22/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/77-10/22/77	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/22/77-10/22/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/22/77-10/22/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/77-10/22/77	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/77-10/22/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/77-10/22/77	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/22/77-10/22/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/77-10/22/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/77-10/22/77	1	880.	880.	880.	880.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/22/77-10/22/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/22/77-10/22/77	1	641.	641.	641.	641.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/77-10/22/77	1	646.	646.	646.	646.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/77-10/22/77	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GLCA0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0185

NPS Station ID: GLCA0185
LAT/LON: 38.451948/-110.006392
Agency: 112WRD
Date Created: 02/28/78
Location: R(D-27-17)13DBA-S1
FIPS State/County: 49037 UTAH/SAN JUAN
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 382707110002301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060008
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/04/70-03/04/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	1	2810.	2810.	2810.	2810.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/04/70-03/04/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	1	246.	246.	246.	246.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/04/70-03/04/70	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/04/70-03/04/70	1	513.	513.	513.	513.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/04/70-03/04/70	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/04/70-03/04/70	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/04/70-03/04/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/04/70-03/04/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/70-03/04/70	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	1	1430.	1430.	1430.	1430.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/04/70-03/04/70	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	1	680.	680.	680.	680.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/04/70-03/04/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/04/70-03/04/70	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/04/70-03/04/70	1	2730.	2730.	2730.	2730.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	1	2410.	2410.	2410.	2410.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	03/04/70-03/04/70	1	90.	90.	90.	90.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00							1	1	1.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GLCA0186

NPS Station ID: GLCA0186
LAT/LON: 38.526670/-109.992781
Agency: 21UTAH
Date Created: 03/24/79
Location: GREEN RIVER AT MINERAL BOTTOMS
FIPS State/County: 49019 UTAH/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493015
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060008
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER DRAIN
ECO Region:
RF1 Index: 14060008003
RF1 Mile Point: 8.170
Distance from RF1: 5.00
On/Off RF1: ON
RF3 Index: 14070001003402.50
RF3 Mile Point: 5.66
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	36	14.2	14.794	27.	0.	66.681	8.166	2.07	9.2	22.475	25.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/30/84-04/06/87	7	7000.	8458.571	15950.	3800.	21303680.952	4615.591	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	39	250.	284.392	1000.	17.3	68130.129	261.017	33.	71.	400.	625.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/03/92	33	823.	821.152	1500.	250.	68036.258	260.838	509.6	637.5	996.5	1138.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	39	835.	795.846	1190.	375.	42387.239	205.882	515.	645.	985.	1037.
00300	OXYGEN, DISSOLVED MG/L	04/12/78-10/13/92	26	8.3	8.138	12.	5.3	2.464	1.57	6.4	6.875	9.	10.41
00310	BOD, 5 DAY, 20 DEG C MG/L	02/13/78-10/25/78	2	6.35	6.35	11.	1.7	43.245	6.576	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	28	15.	14.143	26.	5.	43.812	6.619	5.	7.125	20.	24.
00400	PH (STANDARD UNITS)	02/13/78-10/13/92	22	7.9	7.765	8.5	6.2	0.385	0.62	6.5	7.45	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	02/13/78-10/13/92	22	7.9	7.135	8.5	6.2	0.8	0.895	6.5	7.45	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-10/13/92	22	0.013	0.073	0.631	0.003	0.033	0.181	0.004	0.006	0.036	0.461
00403	PH, LAB, STANDARD UNITS SU	02/13/78-10/13/92	24	8.1	8.142	8.6	7.6	0.052	0.228	7.8	8.	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	02/13/78-10/13/92	24	8.1	8.082	8.6	7.6	0.056	0.236	7.8	8.	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-10/13/92	24	0.008	0.008	0.025	0.003	0.	0.005	0.003	0.005	0.01	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	39	2.	2.154	7.	0.	2.081	1.443	1.	1.	3.	3.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	39	166.	155.179	200.	85.	917.151	30.285	98.	132.	177.	188.
00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	39	200.	188.436	244.	104.	1370.252	37.017	115.	162.	216.	230.
00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	39	0.	0.487	4.	0.	1.467	1.211	0.	0.	0.	3.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/13/78-10/31/84	16	888.	1919.375	9999.	5.	10349355.183	3217.041	63.8	127.	1827.5	9999.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/80-10/13/92	23	516.	957.217	9999.	70.	4073877.36	2018.385	89.8	156.	876.	1533.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	39 ##	0.05	0.062	0.2	0.	0.002	0.04	0.025	0.025	0.1	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/13/78-07/09/87	25 ##	0.005	0.011	0.025	0.	0.	0.01	0.	0.005	0.025	0.025
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/24/79-04/05/89	13 ##	0.025	0.017	0.025	0.005	0.	0.009	0.005	0.005	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/13/78-07/09/87	27	0.35	0.443	1.45	0.06	0.1	0.316	0.136	0.25	0.55	0.856
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/79-04/05/89	13	0.35	0.44	1.45	0.005	0.145	0.381	0.039	0.175	0.545	1.222
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/13/78-10/13/92	39	0.5	1.001	4.8	0.05	1.466	1.211	0.2	0.3	1.1	3.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/79-01/09/84	11	0.35	5.4	56.	0.025	281.709	16.784	0.03	0.26	0.45	45.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/16/91-10/13/92	5	0.05	0.102	0.2	0.01	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/13/78-10/13/92	34	0.238	0.365	2.16	0.	0.195	0.442	0.025	0.085	0.528	0.721
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/16/91-10/13/92	5	0.011	0.021	0.068	0.005	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	30	0.035	0.111	0.39	0.003	0.018	0.133	0.01	0.01	0.23	0.346
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	31	5.	11.513	64.1	2.	234.388	15.31	2.9	3.4	12.	34.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	39	290.	273.487	384.	132.	5182.677	71.991	167.	207.	325.	375.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	40	63.	61.	84.	29.	208.41	14.436	38.1	49.5	72.	77.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	40	30.	34.775	250.	11.	1300.948	36.069	17.1	22.	36.	42.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	39	75.	72.744	139.	26.	646.775	25.432	34.	56.	92.	100.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	39	3.	2.836	4.2	1.	0.524	0.724	2.	2.4	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	33	22.	23.273	50.	8.	89.58	9.465	9.	16.	32.	34.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/24/79-10/13/92	17	21.	22.706	34.	8.	61.096	7.816	12.	17.	31.	32.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	39	243.	240.469	460.	80.	7494.088	86.568	113.	168.	284.	345.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/13/78-05/04/83	14	0.275	0.276	0.54	0.17	0.008	0.091	0.175	0.218	0.293	0.44
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/13/78-05/04/83	14	8.	8.143	12.	5.	5.209	2.282	5.	6.	10.25	11.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/24/79-10/13/92	9	2.	2.111	4.	0.5	0.986	0.993	0.5	1.5	2.5	4.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/78-07/16/91	29	2.	2.534	7.	0.25	2.78	1.667	0.5	1.5	3.	6.
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/24/79-10/13/92	9 ##	25.	52.778	120.	25.	1333.444	36.516	25.	25.	85.	120.
01007	BARIUM, TOTAL (UG/L AS BA)	02/13/78-07/16/91	28	70.	71.088	230.	0.	5229.775	72.317	0.	0.025	120.	164.
01020	BORON, DISSOLVED (UG/L AS B)	02/13/78-05/04/83	14	175.	188.5	355.	110.	4811.5	69.365	115.	128.5	241.25	305.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/24/79-10/13/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01027	CADMIUM, TOTAL (UG/L AS CD)	02/13/78-07/16/91	27 ##	0.5	1.204	5.	0.5	2.39	1.546	0.5	0.5	0.5	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/24/79-10/13/92	9 ##	2.5	6.389	25.	2.5	56.424	7.512	2.5	2.5	8.75	25.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/13/78-05/04/83	12 ##	2.5	2.667	5.	0.	1.697	1.303	0.6	2.5	2.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/13/78-07/16/91	27 ##	2.5	5.593	15.	0.	21.116	4.595	2.5	2.5	10.	14.2
01040	COPPER, DISSOLVED (UG/L AS CU)	04/24/79-10/13/92	9 ##	5.	6.944	10.	2.5	9.028	3.005	2.5	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/13/78-07/16/91	28 ##	10.	13.571	30.	5.	53.439	7.31	5.	10.	20.	25.
01046	IRON, DISSOLVED (UG/L AS FE)	03/20/78-10/13/92	10	50.	138.	610.	5.	39060.222	197.637	5.	8.75	242.5	583.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/24/79-10/13/92	10 ##	2.5	2.9	5.	1.5	1.322	1.15	1.6	2.5	3.125	5.
01051	LEAD, TOTAL (UG/L AS PB)	02/13/78-07/16/91	27 ##	2.5	7.685	30.	0.	77.118	8.782	2.5	2.5	10.	22.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/13/78-07/16/91	29	205.	239.259	700.	2.5	37197.511	192.867	20.	74.5	357.5	555.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/24/79-10/13/92	10	6.2	11.62	30.	0.3	120.762	10.989	0.52	4.375	25.25	29.6
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/24/79-12/02/80	6 ##	10.	9.167	12.5	5.	11.667	3.416	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/13/78-07/25/83	7	20.	18.286	30.	5.	97.238	9.861	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/24/79-10/13/92	10 ##	1.	1.7	5.	1.	1.733	1.317	1.	1.	2.5	4.75
01077	SILVER, TOTAL (UG/L AS AG)	02/13/78-07/16/91	27 ##	1.	1.407	5.	0.	1.712	1.309	1.	1.	1.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/24/79-10/13/92	10 ##	7.5	12.25	45.	2.5	191.236	13.829	2.5	2.5	16.	43.3
01092	ZINC, TOTAL (UG/L AS ZN)	02/13/78-07/16/91	29	27.	29.466	95.	2.5	564.999	23.77	5.	10.	37.5	70.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/24/79-10/13/92	10 ##	0.5	1.125	2.5	0.25	0.934	0.966	0.275	0.5	2.5	2.5
01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/78-07/16/91	27 ##	0.25	0.38	2.5	0.	0.194	0.441	0.25	0.25	0.5	0.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/21/92-04/21/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	01/09/84-04/29/90	20	12.5	12.25	31.	1.	67.461	8.213	2.2	5.	14.75	26.9
03501	BETA, TOTAL	01/09/84-04/29/90	20	14.	24.45	84.	5.	485.839	22.042	5.1	11.	33.5	62.8
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/09/84-01/09/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	01/09/84-04/29/90	15 ##	0.25	0.493	1.	0.	0.155	0.394	0.03	0.25	1.	1.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/13/78-02/24/81	9	90.	10677.389	93000.	9.	953612998.736	30880.625	9.	17.25	1415.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/13/78-02/24/81	9	1.954	2.211	4.968	0.954	1.655	1.286	0.954	1.211	3.007	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			162.629								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/13/78-02/24/81	8	135.	770.563	4000.	11.5	1862080.603	1364.581	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/13/78-02/24/81	8	1.982	2.086	3.602	1.061	1.046	1.023	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			121.79								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/13/78-04/24/79	5	0.	0.009	0.03	0.	0.	0.013	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	39	574.	544.359	866.	244.	23558.078	153.486	286.	426.	622.	738.
71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	39	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/24/79-04/29/90	10	0.025	0.085	0.26	0.01	0.011	0.106	0.01	0.01	0.223	0.257
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/14/92-10/13/92	3 ##	0.1	0.233	0.5	0.1	0.053	0.231	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	34 ##	0.075	0.232	3.	0.	0.285	0.534	0.05	0.05	0.1	0.7
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	01/10/85-01/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	35	3.4	5.225	30.	0.015	40.432	6.359	0.556	1.26	6.89	12.2
82702	AS DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BA DECNT FLD ACID WTR MG/L	04/21/92-04/21/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**
82705	CD DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CR DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
82708	CU DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	FE DECNT FLD ACID WTR MG/L	04/21/92-04/21/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
82711	PB DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82712	MN DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1	360.	360.	360.	360.	0.	0.	**	**	**	**
82713	HG DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	AG DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZN DECNT FLD ACID WTR UG/L	04/21/92-04/21/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GLCA0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	39	33	0.85	10	9	0.90	4	0	0.00	15	14	0.93	10	10	1.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	26	0	0.00	6	0	0.00	3	0	0.00	9	0	0.00	8	0	0.00
00400	PH	Other-Hi Lim.	9.	22	0	0.00	6	0	0.00	3	0	0.00	8	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	22	2	0.09	6	0	0.00	3	1	0.33	8	1	0.13	5	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	24	0	0.00	6	0	0.00	1	0	0.00	11	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	24	0	0.00	6	0	0.00	1	0	0.00	11	0	0.00	6	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	25	0	0.00	5	0	0.00	3	0	0.00	11	0	0.00	6	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	27	0	0.00	6	0	0.00	3	0	0.00	11	0	0.00	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	1	0.09	3	0	0.00	2	0	0.00	3	1	0.33	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	8	0	0.00	4	0	0.00	12	0	0.00	9	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	6	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	39	1	0.03	10	0	0.00	4	0	0.00	15	1	0.07	10	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	29	0	0.00	6	0	0.00	3	0	0.00	12	0	0.00	8	0	0.00
		Drinking Water	50.	29	0	0.00	6	0	0.00	3	0	0.00	12	0	0.00	8	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	28	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	5.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	27	4	0.15	5	0	0.00	3	0	0.00	12	4	0.33	7	0	0.00
		Drinking Water	5.	27	3	0.11	5	0	0.00	3	0	0.00	12	3	0.25	7	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	12	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00	2	0	0.00
		Drinking Water	100.	12	0	0.00	2	0	0.00	1	0	0.00	7	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	27	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	7	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	28	8	0.29	5	2	0.40	3	0	0.00	12	4	0.33	8	2	0.25
		Drinking Water	1300.	28	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	8	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	5.	9 &	1	0.11	3	0	0.00	1	0	0.00	3	1	0.33	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	27	0	0.00	6	0	0.00	3	0	0.00	11	0	0.00	7	0	0.00
		Drinking Water	5.	27	11	0.41	6	3	0.50	3	0	0.00	11	7	0.64	7	1	0.14
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00							6	0	0.00	1	0	0.00
		Drinking Water	100.	7	0	0.00							6	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	9 &	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	27	3	0.11	5	0	0.00	3	0	0.00	12	3	0.25	7	0	0.00
		Drinking Water	50.	27	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	7	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	29	0	0.00	6	0	0.00	3	0	0.00	12	0	0.00	8	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	10	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	27	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	50.	27	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00	7	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	9	2	0.22	2	1	0.50	1	0	0.00	5	1	0.20	1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	4	0.50	1	1	1.00	1	0	0.00	5	3	0.60	1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	34	1	0.03	7	0	0.00	4	0	0.00	13	0	0.00	10	1	0.10
		Drinking Water	2.	34	1	0.03	7	0	0.00	4	0	0.00	13	0	0.00	10	1	0.10

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	10	13.7	14.69	23.6	5.4	39.068	6.25	5.66	10.025	22.15	23.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	10	162.5	217.6	500.	35.	29701.6	172.342	38.1	69.75	400.	490.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	10	895.	915.5	1040.	765.	8186.056	90.477	771.6	848.25	1001.25	1038.
00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	7	15.	14.5	20.	7.5	18.083	4.252	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	10	2.	1.8	3.	1.	0.622	0.789	1.	1.	2.25	3.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	10	171.5	173.6	188.	162.	76.489	8.746	162.5	167.	182.75	187.7
00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	10	209.	210.4	230.	196.	116.044	10.772	196.2	202.5	219.	229.2
00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	10	0.	0.8	4.	0.	2.844	1.687	0.	0.	1.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	9 ##	0.05	0.053	0.1	0.025	0.001	0.029	0.025	0.025	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	6	0.045	0.107	0.31	0.01	0.016	0.127	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	6	5.4	15.867	64.1	2.9	573.691	23.952	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	10	314.	310.9	379.	241.	1436.322	37.899	244.5	286.5	332.5	375.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	10	69.5	68.3	80.	52.	62.9	7.931	52.9	63.25	73.	79.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	10	35.	33.9	43.	27.	21.878	4.677	27.3	30.	36.25	42.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	10	84.	89.1	125.	72.	296.544	17.22	72.1	75.25	100.	123.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	10	3.	3.22	4.2	3.	0.217	0.466	3.	3.	3.25	4.18
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	8	30.5	28.75	36.	20.	37.643	6.135	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	10	281.9	287.42	345.	231.4	1551.871	39.394	232.26	262.5	332.5	344.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	10	609.	627.8	758.	544.	3938.178	62.755	547.6	590.5	679.	751.6
71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	7 ##	0.05	0.214	0.7	0.05	0.073	0.27	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	8	2.15	3.611	7.51	0.82	8.915	2.986	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 1/31 - Station GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	4	0.85	1.3	3.5	0.	2.447	1.564	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	4	26.5	29.575	48.	17.3	197.856	14.066	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	4	920.	924.25	1040.	817.	8312.25	91.172	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	4	13.	13.25	22.	5.	54.25	7.365	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	4	182.5	182.75	200.	166.	230.25	15.174	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	4	223.	223.	244.	202.	348.	18.655	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	4 ##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	3	0.046	0.052	0.1	0.01	0.002	0.045	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	4	7.15	7.1	12.1	2.	29.047	5.389	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	4	330.	341.	384.	320.	910.667	30.177	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	4	73.	72.5	75.	69.	7.	2.646	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	4	38.	39.25	47.	34.	36.25	6.021	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	4	76.	81.25	100.	73.	158.917	12.606	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	4	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	4	22.	25.	34.	22.	36.	6.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	4	266.	278.	350.	230.	2658.667	51.562	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	4	606.	630.	720.	588.	3696.	60.795	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	4	0.69	0.678	0.87	0.46	0.031	0.177	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 2/01 to 5/31 - Station GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	13	13.5	12.138	18.	2.4	19.299	4.393	4.04	9.3	15.15	17.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	15	325.	420.267	1000.	33.	70692.067	265.88	130.2	260.	500.	970.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	15	850.	805.867	1190.	515.	49803.838	223.168	533.	545.	1001.	1098.2
00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	10	17.	15.25	26.	5.	63.069	7.942	5.2	7.	21.75	25.8
00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	15	2.	2.267	7.	1.	2.21	1.486	1.	1.	3.	4.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	15	156.	153.133	198.	89.	924.41	30.404	106.4	129.	177.	188.4
00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	15	190.	186.6	242.	108.	1361.114	36.893	129.6	158.	216.	230.
00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	15	0.	0.133	2.	0.	0.267	0.516	0.	0.	0.	0.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	17	0.05	0.059	0.1	0.	0.002	0.04	0.	0.025	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	13	0.2	0.176	0.39	0.01	0.025	0.158	0.01	0.02	0.32	0.39
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	13	5.	10.769	36.	3.5	116.444	10.791	3.74	4.2	16.5	33.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	15	272.	271.667	375.	167.	5548.381	74.487	174.8	192.	344.	375.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	16	61.5	60.	84.	29.	257.333	16.042	36.	45.	75.5	80.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	16	30.	43.063	250.	17.	3119.796	55.855	17.7	20.25	39.	106.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	15	76.	74.533	139.	34.	763.981	27.64	39.4	47.	94.	115.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	15	3.	2.74	4.	2.	0.317	0.563	2.	2.	3.	3.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	12	23.5	25.083	50.	9.	122.265	11.057	10.2	16.5	32.	44.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	15	243.	249.54	460.	113.	9874.597	99.371	129.2	146.3	330.	406.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	15	560.	553.867	866.	286.	32046.552	179.016	328.	372.	692.	822.8
71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	13 ##	0.1	0.146	0.9	0.	0.054	0.231	0.02	0.05	0.1	0.62
74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	13	5.2	6.959	30.	0.015	64.112	8.007	0.025	1.38	9.	23.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 6/01 to 7/31 - Station GLCA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/78-10/13/92	9	25.4	24.744	27.	21.	4.005	2.001	21.	23.05	26.05	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/13/78-10/13/92	10	135.	249.3	1000.	53.	81974.011	286.311	54.7	70.75	331.25	939.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/78-10/13/92	10	652.5	609.8	835.	375.	28676.844	169.342	376.5	392.25	743.5	830.8
00335	COD, .025N K2CR2O7 MG/L	02/13/78-04/29/90	7	11.	12.714	24.	5.	52.238	7.228	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/13/78-10/13/92	10	2.	2.4	6.	0.	4.267	2.066	0.1	1.	3.75	6.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	10	135.	128.8	164.	85.	786.178	28.039	85.9	97.	150.5	164.
00440	BICARBONATE ION (MG/L AS HCO3)	02/13/78-10/13/92	10	163.	155.4	200.	104.	1150.933	33.925	104.8	114.25	181.5	199.2
00445	CARBONATE ION (MG/L AS CO3)	02/13/78-10/13/92	10	0.	0.9	4.	0.	2.322	1.524	0.	0.	2.25	3.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/13/78-10/13/92	9 ##	0.05	0.07	0.2	0.025	0.003	0.054	0.025	0.038	0.09	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/13/78-04/05/89	8	0.02	0.033	0.13	0.003	0.002	0.042	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-04/29/90	8	3.4	11.663	57.6	2.8	354.246	18.821	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/78-10/13/92	10	213.5	211.8	300.	132.	3697.067	60.804	132.4	139.	258.5	299.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/78-10/13/92	10	50.	50.7	72.	33.	171.344	13.09	33.2	37.25	60.5	71.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/78-10/13/92	10	22.	20.6	31.	11.	48.711	6.979	11.	12.5	25.25	30.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/78-10/13/92	10	54.	50.3	70.	26.	298.456	17.276	26.2	29.5	66.75	69.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/78-10/13/92	10	2.5	2.53	4.	1.	1.209	1.1	1.	1.75	3.475	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/78-04/05/89	9	15.	15.222	25.	8.	34.444	5.869	8.	9.	20.	25.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/13/78-10/13/92	10	172.	164.9	271.	80.	4285.433	65.463	80.9	90.5	217.5	267.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/78-10/13/92	10	440.	412.4	564.	244.	13952.711	118.122	244.6	277.	516.5	560.
71830	HYDROXIDE ION (MG/L AS OH)	02/13/78-10/13/92	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-07/16/91	10 ##	0.1	0.43	3.	0.05	0.855	0.924	0.05	0.05	0.25	2.77
74010	IRON, TOTAL (MG/L AS FE)	02/13/78-07/16/91	10	3.5	6.08	23.1	1.77	43.654	6.607	1.793	2.075	7.723	21.89

EPA Water Quality Criteria Analysis for Entire GLCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	332	160	0.48	79	40	0.51	80	41	0.51	119	54	0.45	54	25	0.46
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	709 &	169	0.24	149	42	0.28	103	32	0.31	385	64	0.17	72	31	0.43
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	342	15	0.04							170	0	0.00	172	15	0.09
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1594	52	0.03	334	10	0.03	287	10	0.03	591	11	0.02	382	21	0.05
00400	PH	Other-Hi Lim.	9.	1795	51	0.03	412	5	0.01	391	0	0.00	660	1	0.00	332	45	0.14
		Other-Lo Lim.	6.5	1795	27	0.02	412	4	0.01	391	6	0.02	660	8	0.01	332	9	0.03
00403	PH, LAB	Other-Hi Lim.	9.	611	0	0.00	65	0	0.00	52	0	0.00	215	0	0.00	279	0	0.00
		Other-Lo Lim.	6.5	611	4	0.01	65	0	0.00	52	0	0.00	215	0	0.00	279	4	0.01
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	327	2	0.01	92	1	0.01	62	0	0.00	133	1	0.01	40	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	208	1	0.00	67	0	0.00	37	0	0.00	83	1	0.01	21	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	330	0	0.00	97	0	0.00	58	0	0.00	129	0	0.00	46	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	170	0	0.00	40	0	0.00	32	0	0.00	79	0	0.00	19	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1365	1	0.00	269	0	0.00	242	0	0.00	510	1	0.00	344	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	233	0	0.00	84	0	0.00	40	0	0.00	86	0	0.00	23	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1 &	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1044	1	0.00	288	1	0.00	225	0	0.00	375	0	0.00	156	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	298	0	0.00	72	0	0.00	54	0	0.00	136	0	0.00	36	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	535	150	0.28	154	32	0.21	116	45	0.39	180	59	0.33	85	14	0.16
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	423	133	0.31	114	33	0.29	76	31	0.41	176	50	0.28	57	19	0.33
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	184	0	0.00	54	0	0.00	39	0	0.00	66	0	0.00	25	0	0.00
		Drinking Water	50.	184	1	0.01	54	0	0.00	39	0	0.00	66	1	0.02	25	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	22	1	0.05	8	1	0.13	4	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	50.	22	1	0.05	8	1	0.13	4	0	0.00	9	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	475 &	1	0.00	127	1	0.01	93	0	0.00	190	0	0.00	65	0	0.00
		Drinking Water	50.	475 &	4	0.01	127	1	0.01	93	1	0.01	190	2	0.01	65	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	162	0	0.00	40	0	0.00	38	0	0.00	61	0	0.00	23	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	17	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	381	0	0.00	98	0	0.00	71	0	0.00	160	0	0.00	52	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	45	0	0.00	15	0	0.00	7	0	0.00	18	0	0.00	5	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	9	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	136 &	15	0.11	35	3	0.09	31	1	0.03	54	9	0.17	16	2	0.13
		Drinking Water	5.	136 &	10	0.07	35	3	0.09	31	0	0.00	54	6	0.11	16	1	0.06
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	23 &	4	0.17	6	1	0.17	4	0	0.00	12	3	0.25	1	0	0.00
		Drinking Water	5.	24 &	4	0.17	7	1	0.14	4	0	0.00	12	3	0.25	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	440 &	27	0.06	115	3	0.03	85	2	0.02	182	21	0.12	58	1	0.02
		Drinking Water	5.	440 &	19	0.04	115	3	0.03	85	0	0.00	182	15	0.08	58	1	0.02
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	140	0	0.00	37	0	0.00	32	0	0.00	53	0	0.00	18	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	24	2	0.08	8	1	0.13	4	0	0.00	12	1	0.08			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	174	0	0.00	37	0	0.00	33	0	0.00	87	0	0.00	17	0	0.00
		Drinking Water	100.	174	0	0.00	37	0	0.00	33	0	0.00	87	0	0.00	17	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	453	3	0.01	119	2	0.02	89	0	0.00	187	1	0.01	58	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	170 &	7	0.04	45	2	0.04	38	1	0.03	63	2	0.03	24	2	0.08
		Drinking Water	1300.	171	0	0.00	46	0	0.00	38	0	0.00	63	0	0.00	24	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	27	3	0.11	8	1	0.13	5	0	0.00	13	2	0.15	1	0	0.00
		Drinking Water	1300.	27	0	0.00	8	0	0.00	5	0	0.00	13	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	457 &	96	0.21	118	23	0.19	90	20	0.22	187	36	0.19	62	17	0.27
		Drinking Water	1300.	462	0	0.00	122	0	0.00	90	0	0.00	188	0	0.00	62	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	172	0	0.00	48	0	0.00	38	0	0.00	62	0	0.00	24	0	0.00
		Drinking Water	5.	152 &	24	0.16	40	6	0.15	37	5	0.14	52	11	0.21	23	2	0.09
01050	LEAD, SUSPENDED	Fresh Acute	82.	26	2	0.08	9	1	0.11	5	0	0.00	12	1	0.08			
		Drinking Water	5.	20 &	5	0.25	7	1	0.14	4	0	0.00	9	4	0.44			
01051	LEAD, TOTAL	Fresh Acute	82.	450 &	3	0.01	119	2	0.02	88	0	0.00	184	1	0.01	59	0	0.00
		Drinking Water	5.	388 &	144	0.37	94	28	0.30	85	30	0.35	152	67	0.44	57	19	0.33
01059	THALLIUM, TOTAL	Fresh Acute	1400.	7	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	95	0	0.00	26	0	0.00	20	0	0.00	39	0	0.00	10	0	0.00
		Drinking Water	100.	95	1	0.01	26	0	0.00	20	0	0.00	39	1	0.03	10	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	11	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	100.	11	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	272	0	0.00	60	0	0.00	52	0	0.00	127	0	0.00	33	0	0.00
		Drinking Water	100.	272	0	0.00	60	0	0.00	52	0	0.00	127	0	0.00	33	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	132 &	4	0.03	31	0	0.00	31	0	0.00	52	4	0.08	18	0	0.00
		Drinking Water	50.	134	0	0.00	33	0	0.00	31	0	0.00	52	0	0.00	18	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GLCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
01076	SILVER, SUSPENDED	Fresh Acute	4.1	13	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	50.	13	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	364 &	14	0.04	94	0	0.00	65	2	0.03	157	12	0.08	48	0	0.00
		Drinking Water	50.	377	0	0.00	97	0	0.00	71	0	0.00	160	0	0.00	49	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	176	2	0.01	50	1	0.02	39	0	0.00	63	1	0.02	24	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	25	4	0.16	9	1	0.11	4	0	0.00	11	3	0.27	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	464	19	0.04	125	7	0.06	90	2	0.02	186	8	0.04	63	2	0.03
01097	ANTIMONY, TOTAL	Fresh Acute	88.	8 &	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	10.	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	173	2	0.01	48	1	0.02	39	1	0.03	63	0	0.00	23	0	0.00
		Drinking Water	50.	173	0	0.00	48	0	0.00	39	0	0.00	63	0	0.00	23	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	28	0	0.00	9	0	0.00	5	0	0.00	13	0	0.00	1	0	0.00
		Drinking Water	50.	28	0	0.00	9	0	0.00	5	0	0.00	13	0	0.00	1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	466	1	0.00	126	0	0.00	89	1	0.01	189	0	0.00	62	0	0.00
		Drinking Water	50.	466	0	0.00	126	0	0.00	89	0	0.00	189	0	0.00	62	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	10	0	0.00							9	0	0.00	1	0	0.00
		Drinking Water	50.	10	0	0.00							9	0	0.00	1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	92	1	0.01	23	0	0.00	22	0	0.00	30	1	0.03	17	0	0.00
22708	URANIUM, NATURAL, TOTAL	Drinking Water	0.02	3	3	1.00	1	1	1.00				1	1	1.00	1	1	1.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	5	0.45	2	1	0.50				6	3	0.50	3	1	0.33
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	76	26	0.34	19	9	0.47	15	2	0.13	32	11	0.34	10	4	0.40
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	72	24	0.33	15	9	0.60	16	3	0.19	30	10	0.33	11	2	0.18
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	2	0.08	9	1	0.11	4	0	0.00	8	1	0.13	5	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	139	4	0.03	33	1	0.03	34	0	0.00	53	2	0.04	19	1	0.05
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	62	0	0.00	16	0	0.00	20	0	0.00	19	0	0.00	7	0	0.00
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	62	0	0.00	15	0	0.00	20	0	0.00	19	0	0.00	8	0	0.00
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	17	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	17	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	1 &	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	1 &	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	1	0	0.00							1	0	0.00
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	2	0	0.00	1	0	0.00							1	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1 &	0	0.00										1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1 &	0	0.00										1	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	700.	2	0	0.00	1	0	0.00				1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	1	0	0.00							1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1 &	0	0.00										1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	1	0	0.00							1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	1	0	0.00							1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1 &	0	0.00							1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	1	0	0.00							1	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00							1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00							1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	1 &	0	0.00							1	0	0.00			

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EPA Water Quality Criteria Analysis for Entire GLCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1 &	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00							1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	1 &	0	0.00										1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00							1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	1	0	0.00							1	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	1	0	0.00							1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	1	0	0.00							1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	1	0	0.00							1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	1	0	0.00							1	0	0.00
34654	P,P'-DDE, SUSPENDED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	1	0	0.00							1	0	0.00
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	1.	4	0	0.00	1	0	0.00				3	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	2	0	0.00	1	0	0.00							1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	1 &	0	0.00							1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1 &	0	0.00										1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3 &	0	0.00	2	0	0.00							1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00							1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	25	0	0.00	11	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	22	0	0.00	9	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
		Drinking Water	0.2	22	0	0.00	9	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	19	0	0.00	6	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
		Drinking Water	2.	19	0	0.00	6	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	22	0	0.00	9	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	22	0	0.00	9	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	23	0	0.00	10	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	25	0	0.00	11	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	2	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	25	0	0.00	11	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
		Drinking Water	0.2	25	0	0.00	11	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	20	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
		Drinking Water	3.	20	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	24	0	0.00	10	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
		Drinking Water	0.4	24	0	0.00	10	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	24	0	0.00	10	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
		Drinking Water	0.2	24	0	0.00	10	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	18	0	0.00	5	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	15	0	0.00	3	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	5	0	0.00	1	0	0.00				4	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1 &	0	0.00										1	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00										1	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	12	0	0.00	5	0	0.00	1	0	0.00	6	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	65	0	0.00	18	0	0.00	19	0	0.00	18	0	0.00	10	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	62	0	0.00	20	0	0.00	9	0	0.00	23	0	0.00	10	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	30	0	0.00	8	0	0.00	6	0	0.00	11	0	0.00	5	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	71	0	0.00	23	0	0.00	13	0	0.00	32	0	0.00	3	0	0.00
		Drinking Water	2.	71	0	0.00	23	0	0.00	13	0	0.00	32	0	0.00	3	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	23	0	0.00	8	0	0.00	4	0	0.00	11	0	0.00			
		Drinking Water	2.	23	0	0.00	8	0	0.00	4	0	0.00	11	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	475 &	2	0.00	124	1	0.01	94	0	0.00	194	0	0.00	63	1	0.02
		Drinking Water	2.	475 &	4	0.01	124	3	0.02	94	0	0.00	194	0	0.00	63	1	0.02

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EPA Water Quality Criteria Analysis for Entire GLCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-1/31 Obs	11/01-1/31 Exceed	11/01-1/31 Prop.	2/01-5/31 Obs	2/01-5/31 Exceed	2/01-5/31 Prop.	6/01-7/31 Obs	6/01-7/31 Exceed	6/01-7/31 Prop.
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00										1	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	6	0	0.00							6	0	0.00			

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NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the GLCA Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the GLCA Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2220	136	1331	753	147
00440	BICARBONATE ION (MG/L AS HCO3)	1745	105	386	1254	82
00445	CARBONATE ION (MG/L AS CO3)	659	106	376	177	68
		4624	347	2093	2184	297(149)[1]

pH		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	2616	176	1157	1283	138
00403	PH, LAB (STANDARD UNITS)	634	125	509	0	84
		3250	301	1666	1283	222(145)[1]

Conductivity		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2660	84	2576	0	81
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2526	228	1007	1291	130
		5186	312	3583	1291	211(151)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	344	0	344	0	35
00300	OXYGEN, DISSOLVED (MG/L)	1595	183	1252	160	99
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	28	27	0	1	1
		1967	210	1596	161	135(100)[1]

Water Temperature		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5386	232	4475	679	145
		5386	232	4475	679	145(145)[1]

Flow		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00058	FLOW RATE, GALLONS/MIN.	4	0	4	0	4
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	28	0	3	25	27
00060	FLOW, STREAM, MEAN DAILY CFS	1847	0	72	1775	6
00061	FLOW, STREAM, INSTANTANEOUS CFS	923	141	400	382	27
00065	STAGE, STREAM (FEET)	127	104	23	0	11
		2929	245	502	2182	75 (65)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	332	0	39	293	5
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	713	171	542	0	63
00077	TRANSPARENCY, SECCHI DISC (INCHES)	144	0	144	0	71
00078	TRANSPARENCY, SECCHI DISC (METERS)	8	1	7	0	8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	593	116	223	254	35
		1790	288	955	547	182(112)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	62	0	53	9	2
00602	NITROGEN, DISSOLVED (MG/L AS N)	19	0	19	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	35	0	35	0	1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	18	0	18	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	112	72	39	1	3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1481	181	1263	37	103
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	523	60	214	249	48
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	170	14	153	3	25
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	36	1	35	0	1
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	1479	183	1287	9	102
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1368	91	1238	39	96
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	234	101	83	50	33
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	29	0	28	1	2
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	751	0	3	748	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	319	0	4	315	28
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	30	0	3	27	1
		6686	703	4495	1488	455(151)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	5	0	3	2	3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	90	0	40	50	17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1496	182	1288	26	104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	366	101	242	23	39
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1324	136	1147	41	105
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	42	39	3	0	2
		3323	458	2723	142	270(121)[!]

Chlorophyll		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	51	0	51	0	32
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	56	0	56	0	19
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	5	0	4	1	1
		112	0	111	1	52 (52)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2102	97	437	1568	86
00945	SULFATE, TOTAL (MG/L AS SO4)	1450	74	128	1248	52
00946	SULFATE, DISSOLVED (MG/L AS SO4)	423	97	326	0	35
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	1615	171	439	1005	66
		5590	439	1330	3821	239 (89)[!]

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Bacteria		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	11	0	2	9	4
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	242	0	0	242	1
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	76	0	76	0	15
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	1	0	1	0	1
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	72	0	72	0	14
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	26	0	14	12	3
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	140	60	80	0	2
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	134	60	74	0	2
		702	120	319	263	42 (19)[1]

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Toxic Elements		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	9	8	1	0	3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	184	65	102	17	28
01001	ARSENIC, SUSPENDED (UG/L AS AS)	22	0	20	2	2
01002	ARSENIC, TOTAL (UG/L AS AS)	476	149	323	4	40
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	45	27	9	9	2
01012	BERYLLIUM, TOTAL (UG/L AS BE)	9	8	1	0	3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	144	63	65	16	18
01026	CADMIUM, SUSPENDED (UG/L AS CD)	25	0	23	2	2
01027	CADMIUM, TOTAL (UG/L AS CD)	449	144	301	4	39
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	140	64	62	14	18
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	24	0	22	2	2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	174	0	174	0	23
01034	CHROMIUM, TOTAL (UG/L AS CR)	453	149	300	4	38
01040	COPPER, DISSOLVED (UG/L AS CU)	171	64	89	18	22
01041	COPPER, SUSPENDED (UG/L AS CU)	27	0	25	2	2
01042	COPPER, TOTAL (UG/L AS CU)	462	148	310	4	40
01049	LEAD, DISSOLVED (UG/L AS PB)	172	65	91	16	25
01050	LEAD, SUSPENDED (UG/L AS PB)	26	0	24	2	2
01051	LEAD, TOTAL (UG/L AS PB)	458	149	305	4	39
71890	MERCURY, DISSOLVED (UG/L AS HG)	71	32	37	2	5
71895	MERCURY, SUSPENDED (UG/L AS HG)	23	0	21	2	2
71900	MERCURY, TOTAL (UG/L AS HG)	479	141	334	4	41
01065	NICKEL, DISSOLVED (UG/L AS NI)	95	33	49	13	15
01066	NICKEL, SUSPENDED (UG/L AS NI)	11	0	11	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	272	8	264	0	24
01145	SELENIUM, DISSOLVED (UG/L AS SE)	173	67	98	8	28
01146	SELENIUM, SUSPENDED (UG/L AS SE)	28	0	26	2	2
01147	SELENIUM, TOTAL (UG/L AS SE)	466	150	312	4	39
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	10	10	0	0	10
01075	SILVER, DISSOLVED (UG/L AS AG)	134	65	55	14	17
01076	SILVER, SUSPENDED (UG/L AS AG)	13	0	13	0	1
01077	SILVER, TOTAL (UG/L AS AG)	377	87	288	2	35
01059	THALLIUM, TOTAL (UG/L AS TL)	7	7	0	0	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	176	66	94	16	25
01091	ZINC, SUSPENDED (UG/L ZN)	25	0	23	2	2
01092	ZINC, TOTAL (UG/L AS ZN)	464	149	311	4	39
00720	CYANIDE, TOTAL (MG/L AS CN)	2	0	2	0	2
34210	ACROLEIN, TOTAL (UG/L)	1	0	1	0	1
34215	ACRYLONITRILE, TOTAL (UG/L)	1	0	1	0	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	2	1	1	0	2
32104	BROMOFORM, WHOLE WATER, (UG/L)	2	1	1	0	2
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	2	1	1	0	2
34301	CHLOROBENZENE, TOTAL (UG/L)	2	1	1	0	2
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	2	1	1	0	2
34311	CHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	2	1	1	0	2
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	62	0	0	62	1
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	62	0	0	62	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	17	0	0	17	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	17	0	0	17	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	2	1	1	0	2
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	2	1	1	0	2
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	2	1	1	0	2
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	2	1	1	0	2

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	2	1	1	0	2
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	2	1	1	0	2
34371	ETHYLBENZENE, TOTAL (UG/L)	2	1	1	0	2
34413	METHYL BROMIDE, TOTAL (UG/L)	2	1	1	0	2
34418	METHYL CHLORIDE, TOTAL (UG/L)	2	1	1	0	2
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	2	1	1	0	2
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	2	1	1	0	2
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	2	1	1	0	2
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	2	1	1	0	2
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
34586	2-CHLOROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	2	1	1	0	2
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	2	1	1	0	2
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34591	2-NITROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34646	4-NITROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	2	1	1	0	2
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	2	1	1	0	2
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	2	1	1	0	2
34205	ACENAPHTHENE, TOTAL (UG/L)	2	1	1	0	2
34200	ACENAPHTHYLENE, TOTAL (UG/L)	2	1	1	0	2
34220	ANTHRACENE, TOTAL (UG/L)	2	1	1	0	2
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	2	1	1	0	2
34247	BENZO-A-PYRENE, TOTAL (UG/L)	2	1	1	0	2
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	2	1	1	0	2
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	2	1	1	0	2
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	2	1	1	0	2
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	2	1	1	0	2
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	2	1	1	0	2
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	2	1	1	0	2
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	2	1	1	0	2
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	2	1	1	0	2
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	2	1	1	0	2
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	2	1	1	0	2
34320	CHRYSENE, TOTAL (UG/L)	2	1	1	0	2
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	2	1	1	0	2
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	2	1	1	0	2
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	2	1	1	0	2
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	2	1	1	0	2
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	2	1	1	0	2
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	2	1	1	0	2
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	2	1	1	0	2
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	2	1	1	0	2
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	2	1	1	0	2
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	2	1	1	0	2
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	2	1	1	0	2
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	2	1	1	0	2
34376	FLUORANTHENE, TOTAL (UG/L)	2	1	1	0	2

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 09/07/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34381	FLUORENE, TOTAL (UG/L)	2	1	1	0	2
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	1	0	1	0	1
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	2	1	1	0	2
34396	HEXACHLOROETHANE, TOTAL (UG/L)	2	1	1	0	2
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	2	1	1	0	2
34408	ISOPHORONE, TOTAL (UG/L)	2	1	1	0	2
34447	NITROBENZENE, TOTAL (UG/L)	2	1	1	0	2
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	2	1	1	0	2
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	2	1	1	0	2
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	2	1	1	0	2
34461	PHENANTHRENE, TOTAL (UG/L)	2	1	1	0	2
34469	PYRENE, TOTAL (UG/L)	2	1	1	0	2
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	2	1	1	0	2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	2	1	1	0	2
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	4	3	1	0	4
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	23	1	15	7	3
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	3	3	0	0	2
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	2	1	1	0	2
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	19	3	15	1	5
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	24	2	15	7	4
34654	P,P'-DDE, SUSPENDED (UG/L)	1	1	0	0	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	5	1	0	4
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	22	0	15	7	2
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	4	3	1	0	4
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	22	0	15	7	2
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	2	1	1	0	2
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	2	1	1	0	2
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	2	1	1	0	2
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	26	4	15	7	5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	25	3	15	7	5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	1	1	0	2
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	4	3	1	0	4
34671	PCB - 1016, TOTAL (UG/L)	2	1	1	0	2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20	5	15	0	4
		6919	2055	4449	415	893 (53)[1]

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NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	4624	347	7.5	149	84.7	31.0	01/11/26-10/13/92	69.3
pH	3250	301	9.3	145	82.4	22.4	10/12/47-09/07/93	70.8
Conductivity	5186	312	6.0	151	85.8	34.3	11/01/42-09/07/93	102.0
Dissolved Oxygen	1967	210	10.7	100	56.8	19.7	11/13/61-09/07/93	61.8
Water Temperature	5386	232	4.3	145	82.4	37.1	10/03/48-09/07/93	119.9
Flow	2929	245	8.4	65	36.9	45.1	01/11/26-09/07/93	43.3
Clarity/Turbidity	1790	288	16.1	112	63.6	16.0	11/23/59-05/06/93	53.5
Nitrate/Nitrogen	6686	703	10.5	151	85.8	44.3	01/11/26-05/06/93	99.3
Phosphate/Phosphorus	3323	458	13.8	121	68.8	27.5	04/21/59-05/06/93	97.6
Chlorophyll	112	0	0.0	52	29.5	2.2	12/30/74-04/08/77	49.2
Sulfates/Total Dissolved Solids/Hardness	5590	439	7.9	89	50.6	62.8	01/11/26-05/06/93	83.0
Bacteria	702	120	17.1	19	10.8	36.9	11/23/59-03/12/93	21.1
Toxic Elements	6919	2055	29.7	53	30.1	130.5	04/21/59-05/06/93	203.2

Water Quality Observations
Outside STORET Edit Criteria for GLCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GLCA0004	00403	PH, LAB, STANDARD UNITS SU	861202	1445	0.0000000	112WRD	09380000	x
GLCA0008	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	800829		50.0000000	11TOX09	000095	x
GLCA0008	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	800829		50.0000000	11TOX09	000095	x
GLCA0008	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	800829		50.0000000	11TOX09	000095	x
GLCA0008	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	800829		50.0000000	11TOX09	000095	x
GLCA0008	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	800829		50.0000000	11TOX09	000095	x
GLCA0008	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	800829		50.0000000	11TOX09	000095	x
GLCA0008	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	800829		50.0000000	11TOX09	000095	x
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	770915	0930	32000.0000000	112WRD	09382000	
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	780112	1000	7900.0000000	112WRD	09382000	
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790119	0930	9000.0000000	112WRD	09382000	
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790222	1700	10000.0000000	112WRD	09382000	
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790321	1600	7400.0000000	112WRD	09382000	
GLCA0009	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790418	1200	6000.0000000	112WRD	09382000	
GLCA0009	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	790724	1700	15000.0000000	112WRD	09382000	
GLCA0009	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	790816	1000	3300.0000000	112WRD	09382000	
GLCA0009	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	770915	0930	391.0000000	112WRD	09382000	
GLCA0009	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	790321	1600	310.0000000	112WRD	09382000	
GLCA0009	01045	IRON, TOTAL (UG/L AS FE)	770915	0930	240000.0000000	112WRD	09382000	
GLCA0009	01045	IRON, TOTAL (UG/L AS FE)	780314	0930	71000.0000000	112WRD	09382000	
GLCA0009	01045	IRON, TOTAL (UG/L AS FE)	790321	1600	150000.0000000	112WRD	09382000	
GLCA0009	01055	MANGANESE, TOTAL (UG/L AS MN)	770915	0930	8300.0000000	112WRD	09382000	
GLCA0009	01055	MANGANESE, TOTAL (UG/L AS MN)	790321	1600	19000.0000000	112WRD	09382000	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600315		5000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600321		3600.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600328		3200.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600411		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600418		5600.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600906		2700.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	600919		1700.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	601010		8000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	601017		2100.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	601024		6000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610227		4500.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610403		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610410		4400.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610705		1700.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610724		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610828		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610905		5000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610911		32000.0000000	1110NET	030060	

Water Quality Observations
Outside STORET Edit Criteria for GLCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610918		16000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	610925		10000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	611002		8000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	611009		1600.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	611015		3900.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	611106		2500.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620219		11000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620226		3125.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620402		4500.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620409		4000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620416		3000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620423		3500.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620430		3000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620709		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620716		2000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	620924		5000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621001		80000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621008		16000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621015		7000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621022		10000.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621029		4250.0000000	1110NET	030060	
GLCA0012	00070	TURBIDITY, (JACKSON CANDLE UNITS)	621105		2000.0000000	1110NET	030060	
GLCA0012	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	620402		10860.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	600315		267.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	601024		244.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	610912		473.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	610918		260.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	620402		287.0000000	1110NET	030060	
GLCA0012	01501	ALPHA, TOTAL	621015		223.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	600315		265.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	600329		156.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	601024		214.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	610912		469.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	610918		234.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	611002		157.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	620402		285.0000000	1110NET	030060	
GLCA0012	01505	ALPHA, SUSPENDED	621015		208.0000000	1110NET	030060	
GLCA0012	03505	BETA, SUSPENDED	610912		1527.0000000	1110NET	030060	
GLCA0012	03505	BETA, SUSPENDED	610918		1824.0000000	1110NET	030060	
GLCA0036	00440	BICARBONATE ION (MG/L AS HCO3)	740530	1400	481.0000000	112WRD	370703111290201	
GLCA0037	00945	SULFATE, TOTAL (MG/L AS SO4)	740529	1515	2800.0000000	112WRD	370735111290501	

Water Quality Observations
Outside STORET Edit Criteria for GLCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GLCA0051	01503	ALPHA, DISSOLVED	590421		76.0000000	112WRD	371044110540000	
GLCA0136	00405	CARBON DIOXIDE (MG/L AS CO2)	590427		1290.0000000	112WRD	374249110275001	
GLCA0136	00440	BICARBONATE ION (MG/L AS HCO3)	590427		804.0000000	112WRD	374249110275001	
GLCA0141	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	800812	1240	20.0000000	21UTAH	495215	
GLCA0151	00440	BICARBONATE ION (MG/L AS HCO3)	870604	1643	610.0000000	21UTAH	495694	
GLCA0164	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	800213	0900	11000.0000000	21UTAH	495430	
GLCA0164	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	820602	1200	1180.0000000	21UTAH	495430	
GLCA0164	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	830419	1500	6940.0000000	21UTAH	495430	
GLCA0164	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	830503	1300	8390.0000000	21UTAH	495430	
GLCA0164	00300	OXYGEN, DISSOLVED MG/L	821102	1330	99.7000000	21UTAH	495430	x
GLCA0164	00665	PHOSPHORUS, TOTAL (MG/L AS P)	800122	0930	11.5000000	21UTAH	495430	
GLCA0164	00665	PHOSPHORUS, TOTAL (MG/L AS P)	820907	1635	15.0500000	21UTAH	495430	
GLCA0164	00665	PHOSPHORUS, TOTAL (MG/L AS P)	850402	1830	16.3000000	21UTAH	495430	
GLCA0164	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	840403	1530	322.0000000	21UTAH	495430	
GLCA0164	00946	SULFATE, DISSOLVED (MG/L AS SO4)	810811	1530	3400.0000000	21UTAH	495430	
GLCA0164	01025	CADMIUM, DISSOLVED (UG/L AS CD)	820810	1330	572.0000000	21UTAH	495430	
GLCA0164	01027	CADMIUM, TOTAL (UG/L AS CD)	800213	0900	9999.0000000	21UTAH	495430	x
GLCA0164	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810811	1530	4685.0000000	21UTAH	495430	
GLCA0165	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	700728	1045	3840.0000000	112WRD	09333500	
GLCA0177	00440	BICARBONATE ION (MG/L AS HCO3)	910513	1520	491.0000000	21UTAH	599548	
GLCA0177	00440	BICARBONATE ION (MG/L AS HCO3)	910925	1130	571.0000000	21UTAH	599548	
GLCA0186	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	830504	1500	56.0000000	21UTAH	493015	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) GLCATABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) GLCASITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) GLCAAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) GLCAAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) GLCAOV0.DOC - Overview of park and retrieved data.

(e) GLCAOV1.DOC - Station period of record table.

(f) GLCAOV2.DOC - Parameter period of record table.

(g) GLCAOV3.DOC - Station/parameter period of record table.

(h) GLCAINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) GLCASEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) GLCAEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) GLCAIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) GLCABAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document GLCAOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\GLCAOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) GLCAFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station GLCA0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station GLCA0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) GLCAPARM.ZIP

This file compresses GLCAPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) GLCASITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) GLCAWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) GLCAIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) GLCADRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) GLCAGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) GLCADAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database. (Not implemented in GLCA report.)

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) GLCAMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) GLCAEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) GLCATOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) GLCAREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) GLCAWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GLCAWQA, GLCAWQB, GLCAWQC, etc.) and the index map name will end with an ampersand (&).

(g) GLCAIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GLCAIDGA, GLCAIDGB, GLCAIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) GLCASEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with GLCAFIGS.ZIP and GLCATABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in GLCAMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) GLCARF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) GLCAWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: GLCAPARM.DBF in GLCAPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: GLCAPARM.DBF in GLCAPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: GLCAPARM.DBF in GLCAPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: GLCAWQ.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: GLCAWQ.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: GLCAIFD.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: GLCAIFD.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: GLCAIFD.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: GLCADRIN.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: GLCADRIN.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: GLCADRIN.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: GLCAGAGE.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: GLCAGAGE.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: GLCADAMS.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: GLCADAMS.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: GLCADAMS.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: GLCADAMS.DBF in GLCASITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GLCARF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GLCARF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GLCARF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GLCARF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in GLCARF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in GLCARF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal
7440020	81752	1400+	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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